

Salt Lake Community College

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General Catalogs and Class Schedules

Student Experience

2008

General College Catalog 2007-2008

Salt Lake Community College

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GENERAL COLLEGE CATALOG

SALT LAKE COMMUNITY COLLEGE

2007-2008



www.slcc.edu

EDUCATION PAYS

Salt Lake
Community
College



2007-2008 ACADEMIC CALENDAR

SUMMER TERM 2007*

*Generally, classes are not held on Fridays this term. There are selected Vocational/Technical courses and/or programs that are exception. Check the class schedule for possible exceptions and course offerings on Fridays and/or Saturdays.

Mon	May 14	Classes Begin - Session 1 & Session 2 (11-week & 3-week)
Sat/Mon	May 26-28	School Closed - Memorial Day Holiday
Thurs	May 31	Last Day of Classes & Finals - Session 2 (3-week)
Thurs	June 7	Classes Begin - Session 3 (8-week)
Wed	July 4	School Closed - Independence Day Holiday
Tues	July 24	School Closed - Pioneer Day Holiday (Utah State Holiday)
Thurs	Aug 2	Last Day of Classes - Sessions 1 and 3 (11-week & 8-week)
Mon/Tues	Aug 6-7	Final Exams

Generally, SLCC offices will also be on a four-day workweek during Summer from May 14, 2007 through August 2, 2007 with core office hours from 8 am – 6 pm. The College will be open Monday thru Friday beginning August 6, 2007.

FALL SEMESTER 2007

Sat	Aug 18	Classes Begin - Full Term & First Half-Term Friday/Saturday or Saturday-only Classes
Tues	Aug 21	Faculty Return - Administration Meeting Day
Wed	Aug 22	Classes Begin - Full Term & First Half-Term Classes
Fri	Aug 24	Classes Begin - Full Term and First Half-Term Friday night-only Classes
Sat/Mon	Sep 1/Sep 3	School Closed - Labor Day Holiday
Fri/Sat	Sep 28/29	Last Day of Classes & Finals - First Half-Term Friday night-only, Friday/Saturday, or Saturday-only
Th-Sat	Oct 4-6	No Classes - Fall Break
Mon	Oct 15	Last Day of Classes & Finals - First Half-Term Classes
Tues	Oct 16	Classes Begin - Second Half-Term Classes
Fri	Oct 19	Classes Begin - Second Half-Term Friday night-only or Friday/Saturday Classes
Sat	Oct 20	Classes Begin - Second Half-Term Saturday-only Classes
Th-Sat	Nov 22-24	School Closed - Thanksgiving Holiday
Fri/Sat	Nov 30/Dec 1	Last Day of Classes & Finals - Full Term & Second Half-Term Friday night-only, Friday/Saturday, or Saturday-only Classes
Thurs	Dec 6	Last Day of Classes - Full Term & Second Half-Term Classes
Fri	Dec 7	Reading Day (No classes - instructors accessible to students)
Mon-Th	Dec 10-13	Final Exams

Mon, Dec 24, 2007-Tues, Jan 1, 2008 Salt Lake Community College Closed - Holiday Break.
College reopens on Wednesday, January 2, 2008.

SPRING SEMESTER 2008

Fri	Jan 4	Faculty Return - Administration Meeting Day
Sat	Jan 5	Classes Begin - Full Term & First Half-Term Friday/Saturday or Saturday-only Classes
Mon	Jan 7	Classes Begin - Full Term and First Half-Term Classes
Fri	Jan 11	Classes Begin - Full Term and First Half-Term Friday night-only Classes
Sat-Mon	Jan 19-21	School Closed - Martin Luther King, Jr. Day Holiday
Sat-Mon	Feb 16-18	School Closed - President's Day Holiday
Fri/Sat	Feb 22/23	Last Day of Classes & Finals - First Half-Term Friday night-only, Friday/Saturday, or Saturday-only Classes
Wed	Feb 27	Last Day of Classes & Finals - First Half-Term Classes
Thurs	Feb 28	Classes Begin - Second Half-Term Classes
Fri	Feb 29	Classes Begin - Second Half-Term Friday night-only or Friday/Saturday Classes
Sat	Mar 1	Classes Begin - Second Half-Term Saturday-only Classes
Mon-Sat	Mar 17-22	No Classes - Spring Break
Fri/Sat	April 18/19	Last Day of Classes & Finals - Full Term & Second Half-Term Friday night-only, Friday/Saturday, or Saturday-only Classes
Thurs	April 24	Last Day of Classes - Full Term & Second Half-Term Classes
Fri	April 25	Reading Day (No classes - instructors accessible to students)
Mon-Th	April 28-May 1	Final Exams
Fri	May 2	Graduation

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DISCLAIMER

This catalog applies to new students entering Salt Lake Community College in the 2007-2008 academic year and to any returning Salt Lake Community College students enrolling in the 2007-2008 academic year whose governing catalog has expired. Individuals with specific questions about this policy shall see the admissions officer or the appropriate academic administrator for the student's program of study.

The catalog contains information concerning academic programs, course descriptions, tuition and fees, policies, and general information about Salt Lake Community College in existence at the time of this publication's deadline, November 20, 2006.

Information in this catalog is subject to change and Salt Lake Community College reserves the right to make any necessary revisions in the information contained here without notice. The College further reserves the right to add, amend, or repeal any rules, regulations, policies, and procedures as provided by law.

This catalog is for information purposes only and does not constitute a contract between the student and the College.

A MESSAGE FROM THE PRESIDENT



Welcome to Salt Lake Community College, Utah's premier comprehensive community college! For more than half a century, SLCC has served adults of all ages interested in quality general, career and technical education, as well as meeting the workforce development needs of hundreds of employers across the Salt Lake valley. Currently, we serve some 60,000 full-time and part-time students through a broad range of credit and non-credit learning opportunities both online and at fourteen locations across the Salt Lake valley, including our newest facility downtown at Library Square.

Whatever your educational goals, SLCC can assist you. We help traditional and nontraditional students of all cultures, abilities and experience levels...

- Get ready for college-level work through developmental classes
- Enter the workforce quickly with up-to-the-minute career and technical skills
- Earn general education credit for transfer to a four-year institution
- Gain new industry-related expertise through continuing education
- Explore topics of interest, entrepreneurship, and enlightenment through community education

As you read through our General Catalog, you'll find we have organized it to meet the needs of a variety of audiences. If you are a new or returning student, be sure to read "Things You Should Know" and carefully check the requirements listed in the academic program pages. If you are a business owner or employer, you'll find a wide variety of services in the "Industry-Tailored Training" and "Continuing Education" sections. Whatever your interest, the "Services and Resources for Business and the Community" section provides an overview of unique offerings for all community members.

SLCC is truly "the community's college." Our award-winning faculty and dedicated staff are committed to working with and for our community. We are energized by and grateful for the tremendous support we receive from our industry, governmental, community and K-12 education partners. Visit us any time and you'll see evidence of their involvement with our students, programs, facilities and personnel.

I encourage you to explore SLCC by reading this General Catalog, visiting us online at <http://www.slcc.edu>, and stopping by any convenient SLCC location (listed on the back cover). No matter what your educational and professional goals, we look forward to providing you with the best possible environment for teaching and learning in Utah.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia A. Bioteau".

Dr. Cynthia A. Bioteau

WELCOME

SLCC AT A GLANCE

ACCREDITATION

Salt Lake Community College is accredited by the Northwest Commission on Colleges and Universities (NWCCU), an institutional accrediting body recognized by the Council for Higher Education Accreditation and/or the U.S. Department of Education.

PROGRAMS

SLCC offers more than 100 degree programs, as well as continuing education, apprenticeships and other options to help students achieve their educational objectives.

OFFERINGS

Associate of Arts Degree (AA)
 Associate of Arts in Business (AA)
 Associate of Science Degree (AS)
 Associate of Science in Business (AS)
 Associate of Pre-Engineering (APE)
 Associate of Applied Science Degree (AAS)
 Diplomas
 Certificates of Completion
 Certificates
 Letter of General Education Completion

STUDENT BODY PROFILE

Based on Fall Semester 2004, third week figures.

23,822 Headcount
 12,954 FTE

95% Utah Residents
 5% Non-Residents

40.6% Freshmen
 59.4% Sophomores

51% Male
 49% Female

7.5% Students with Disabilities

2% Veterans

77.71% Caucasian
 7.61% Hispanic
 6.52% Unknown/Unreported
 4.09% Asian/Pacific Islander
 1.26% American Indian/Alaskan Native
 1.63% Black
 1.18% Non-Resident Alien

Average Student Age - 26.18 Years old

Student to Faculty Ratio - 20-1 students to 1 faculty member

Number of Graduates - 2,814 students graduated during the 2005-2006 school year.

COLLEGE OVERVIEW

Salt Lake Community College is an accredited, multi-campus college serving the diverse needs of the Salt Lake City community. With an open-door enrollment policy, the College serves more than 60,000 students through credit and non-credit courses and workshops each year, making it the largest institution of higher education in Utah. To accommodate student needs, SLCC has fourteen locations plus distance education options that allow students to take classes virtually anywhere. Courses are offered in both traditional and accelerated semesters, during the day, at night and on weekends. Students receive personal attention from faculty as the College maintains an average student-to-faculty ratio of 20 to 1.

The College has established active partnerships with more than 500 local businesses and school districts to provide skills training, professional development and academic programs to current and future employees. SLCC plays a key role in building Utah's economy by anticipating future needs and preparing a skilled workforce able to manage ever-changing technologies.

As student enrollments and industry needs steadily increase, the College is expanding its locations and offerings to meet demand:

SLCC recently opened a new location in Draper. The old Draper City Hall building is now home to a wide range of general education courses. This new location is conveniently located for students living or working in the south end of the valley and also offers smaller classes (usually less than 20 students), allowing students to receive personal help and attention.

Salt Lake Community College recently opened the Library Square Center in the Heart of downtown Salt Lake City. This Center is SLCC's newest, and replaces the Main Street Campus. The Library Square facility is ideal for those living and working in the downtown area, and is extremely accessible to all local residents due to its close proximity to TRAX. All SLCC students can ride TRAX and UTA busses without charge with a valid SLCC Identification Card. Library Square offers increased accessibility to a full-range of general education courses, with both day and evening classes to meet the needs of non-traditional working students.

Students can also benefit from distance learning. SLCC offers more than 350 course sections via distance education formats including telecourses, live distance education (EDNET), video checkout and the Internet, with almost half of these sections being taught completely online. More than 10 percent of SLCC course sections are online classes and more than 7,000 SLCC students take at least one online course each semester.

In response to the tremendous shortage of health care professionals in the United States, the College is constructing a new Health Sciences Center at the Jordan Campus. This new center will dramatically increase both the number of students in the health sciences and, more importantly, the quality of education they will receive. The Health Science Center will be one of the premier teaching facilities in the State of Utah and the Intermountain area with 28 medical labs, 16 classrooms, 5 computer labs and a radiology clinic. The Center - set for completion in 2007 - will also serve as a student wellness center and a health clinic for low-income families in the area.

SLCC VISION STATEMENT

Salt Lake Community College will be the premier comprehensive community college in the nation.

SLCC MISSION STATEMENT

Salt Lake Community College is a public, open-access, comprehensive community college committed to serving the broader community. Its mission is to provide quality higher education and lifelong learning to people of diverse cultures, abilities, and ages, and to serve the needs of community and government agencies, business, industry and other employers.

The College fulfills its mission by:

- offering associate degrees, certificate programs, career and technical education, developmental education, transfer education, and workforce training to prepare individuals for career opportunities and an enriched lifetime of learning and growing;
- offering programs and student support services that provide students opportunities to acquire knowledge and critical thinking skills, develop self-confidence, experience personal growth, and value cultural enrichment;
- maintaining an environment committed to teaching and learning, collegiality, and the respectful and vigorous dialogue that nourishes active participation and service in a healthy democracy.

SLCC GOALS 2006-2009

PROVIDE QUALITY HIGHER EDUCATION

- Implement the college-wide student learning outcomes assessment program and faculty and staff evaluations and reporting which measure and demonstrate the delivery of quality education.
- Create and financially support a comprehensive faculty and staff development program to ensure quality teaching and service methodologies are available and implemented by college community members.

PROVIDE LIFELONG LEARNING

- Create integrated and varied paths through cross-campus support and involvement which assists students toward lifelong learning experiences including academic and holistic wellness opportunities.
- Create processes for recognizing and integrating learning experiences regardless of the setting in which learning occurs.

SERVE PEOPLE OF DIVERSE CULTURES, ABILITIES, AND AGES

- Create, enhance, and enrich courses, services and programs that are sensitive to the needs and goals of our students, employees and community members' diverse cultures, abilities and ages.
- Increase the participation, retention and graduation rates of students from under-represented populations.

SERVE THE NEEDS OF COMMUNITY AND GOVERNMENT AGENCIES, BUSINESS AND INDUSTRY

- To create and institute a program development process and flexible curriculum delivery systems that allow Salt Lake Community College to be responsive to community needs while meeting our students' needs for instruction that leads to employment, career advancement and degree attainment.
- Continue to expand and strengthen partnerships with government, business, industry and employers to increase education and training opportunities and open additional avenues for fund raising and community involvement.

STEP ONE

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STEP TWO

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STEP THREE

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STEP TEN

BUY TEXTBOOKS AND SUPPLIES

1 APPLY FOR ADMISSION

The first step to becoming an SLCC student is to complete an admission application form on-line at <http://www.slcc.edu> or to complete an admission application form and submit it to SLCC Enrollment Services with the nonrefundable application fee (\$35). Application forms are available online at <http://www.slcc.edu>, from Enrollment Services offices at SLCC locations, and most high school counseling centers.

SLCC is an “open admission” college, so certain grades or test scores are not required for admission to the College. Health Science programs, however, do have specific admission requirements as described below.

SLCC has no admission deadlines, but students are strongly encouraged to apply at least 16 weeks before Fall Semester or 8 weeks before Spring or Summer semesters to allow time for orientation, advising, and registration.

After an application has been processed, the student will receive a letter of acceptance containing SLCC “student number” which will be necessary to access MyPage for enrollment services and much more. The letter will also contain important information about placement testing requirements. Students generally receive this letter within two weeks after the application is submitted.

EARLY ENROLLMENT

Academically qualified high school juniors and seniors may pay tuition and attend regular on-campus SLCC classes while still attending high school through SLCC’s Early Enrollment program. (This program is independent of Concurrent Enrollment programs offered by many local high schools). Written permission from parent(s) or guardian(s) and school officials is required, along with transcripts, test scores, and an appointment with the Early Enrollment advisor. To learn more, call the early enrollment advisor at (801) 957-4844 or visit www.slcc.edu/earlyenrollment.

TRANSFER STUDENTS

Incoming transfer students must complete an admission application form and submit it to SLCC Enrollment Services with the \$35 nonrefundable application fee. Transfer students who have earned credits at another college or university may be able to use that credit to (1) waive all or part of the placement testing requirements, and/or (2) meet general education or major course requirements in a SLCC program of study. See Transferring Credit in the **THINGS YOU SHOULD KNOW** section of this Catalog.

INTERNATIONAL STUDENTS

Salt Lake Community College welcomes International students. New incoming international students must complete the International Student Application and submit it to SLCC International Student Services with a nonrefundable \$65 application fee. SLCC welcomes international students who have satisfactorily completed secondary school. Students who transfer from another university must have maintained at least a “C” average or equivalent in previous college-level work. SLCC is authorized to issue I-20 forms to qualify nonimmigrant students. Students must meet all admission requirements to receive an I-20.

For further details about international admissions requirements, deadlines, housing and international orientation, look under the

heading in the **THINGS YOU SHOULD KNOW** section of this catalog. Information about International Student Services is provided in the **SERVICES AND RESOURCES FOR STUDENTS** section of this catalog.

STUDENTS WITH DISABILITIES

Incoming students with disabilities who need assistance with the application process should contact the Disability Resource Center at (801) 957-4659 (Voice) or (801) 957-4646 (TTY). For more information about SLCC services and accommodations for students with disabilities, see Disability Resource Center in the **RESOURCES AND SERVICES FOR STUDENTS** section of this Catalog.

ADMISSION TO HEALTH SCIENCE PROGRAMS

Most SLCC Health Sciences programs have special admission requirements. Students must complete certain prerequisite courses and achieve specific grades before being admitted to these programs of study. A separate health science application form is also required. For details, refer to program descriptions in this catalog or call the Health Science Enrollment Services Office at (801) 957-4435.

ADMISSION TO SKILLS CENTER PROGRAMS

For information about Skills Center offerings and admissions, contact the Skills Center Enrollment Services Office at South City Campus or call (801) 957-3354.

WHEN TO RE-APPLY

Application for admission is valid for two years. Students who have attended SLCC within the past two years do not need to re-apply prior to registering for classes. Students who have been away from SLCC longer than two years must re-apply for admission and check for any curriculum changes which have occurred since they last attended. Upon re-admission, students must adhere to the graduation requirements in the current catalog. Students who have applied for admission within the last year but have not registered for classes may update their application by calling the Data Center at (801) 957-4283.

2 COMPLETE PLACEMENT TESTING

Students wishing to enroll in mathematics or English classes at SLCC must complete the Computerized Placement Test (CPT) before registering for these classes. The SLCC Assessment/Testing Centers at Redwood, South City and Jordan campuses administer the CPT each weekday on a walk-in basis. No appointment is necessary. A photo ID is required to take the test. The CPT is an untimed test, so students may take as much time as needed to complete the test. The CPT is not graded on a pass/fail basis. CPT test scores are used for class placements. English Retests are limited to one per semester; Call (801) 957-4269 for more information about taking the CPT. Math retests are limited to two per semester, a fee is charged for all retests.

Recent ACT scores (less than two years old for English and less than one year old for math) may be used in place of the CPT for class placements. Students who have taken the ACT recently should bring their scores to an Enrollment Services office for evaluation.

3 APPLY FOR FINANCIAL AID

All students should apply for financial aid. Many students are surprised to discover they are eligible for some type of financial assistance. Students should apply as early as possible for financial aid as the process can take several weeks to complete.

The application process for financial aid can be started before applying for admission, but financial aid is only awarded to admitted students. See Financial Aid in the **THINGS YOU SHOULD KNOW** section of this Catalog for aid options and application requirements.

4 ATTEND ORIENTATION

New students must complete a new student orientation to be eligible to register for courses before the open registration period. Completing a new student orientation will allow new students to register up to ten weeks earlier than those who do not complete an orientation.

Orientation programs are designed to help students get started and take advantage of the services, facilities, and opportunities available at SLCC. Visit the Orientation website at <http://www.slcc.edu/orientation> for more information on orientation and early registration, as well as for dates, times, and locations of these orientation programs.

The following orientation options are available:

CAMPUSCONNECT ORIENTATION

CampusConnect is a fun, in-depth orientation provided prior to fall semesters. The program is open to all new students and offers important information about choosing a major, using the MyPage online system, registering for classes, transferring to a four-year college, buying books, buying parking permits, and much more. Participants also learn college survival and study skills, take campus tours, and have an opportunity to meet other new students, faculty, and staff. Visit <http://www.slcc.edu/orientation> for more information about CampusConnect.

QUICKCONNECT ORIENTATION

QuickConnect orientations provide a chance to get acquainted with the College, find out about SLCC departments and services, and meet other students. These 90-minute orientation sessions cover important topics such as using the catalog and class schedules, graduation requirements, registration procedures, and campus services. QuickConnect sessions are held several times prior to each semester, including morning, afternoon and evening sessions at various locations. During the orientation, students will learn strategies for planning their first term class schedule. To sign up for a QuickConnect Orientation, call (801) 957-4073 or visit <http://www.slcc.edu/orientation>.

NETCONNECT ORIENTATION

New students who are unable to attend orientation in person may complete the program online through NetConnect. NetConnect can be accessed by visiting the SLCC website at <http://www.slcc.edu/orientation>. A follow-up advising appointment is recommended to address individual needs and questions.

INTERNATIONAL STUDENT ORIENTATION AND IMMIGRATION WORKSHOPS

New international students are offered an International Student Orientation three times per year prior to the beginning of each term. Students on visas are highly encouraged to attend. These orientations are especially designed to promote student understanding of information about maintaining both academic and immigration status. Students on visas have federally mandated requirements for school attendance. Dates of orientation are stated on each student's form I-20. Visit <http://www.slcc.edu/iss> for more information.

ORIENTATION FOR ONLINE COURSES

Have you registered for an Online Course? If so, take a few minutes to learn about how easy it is to prepare for an online course. Visit our website (<http://www.slcc.edu/distance>) for more information on our general in-person orientation sessions and our NEW online orientation resources.

ORIENTATION FOR STUDENTS WITH DISABILITIES

Attending an orientation is the first step toward receiving accommodations under the Americans with Disabilities Act (ADA). Orientations are conducted at the Disability Resource Center (DRC). Orientations will last about an hour and are required in order to receive services from the DRC. Orientations are conducted throughout the week at Redwood and South campuses and at all other campuses by appointment. Students should call (801) 957-4659 to schedule their orientation.

5 MEET WITH AN ADVISOR FOR ACADEMIC AND/OR CAREER PLANNING

As you get ready to attend SLCC, review these reasons why you should visit with an Academic and Career Advisor:

1. Develop a network of individuals who support your educational goals.
2. Understand General Education requirements and Major course requirements.
3. Prepare an educational plan to meet your specific needs.
4. Assist with your semester class schedule.
5. Discuss how to start a career planning process.
6. Learn how your transfer credits from other institutions, or credits by exam, apply to your program.
7. Become aware of financial aid, employment, college, and community resources.

As you continue your education at SLCC, you will find many more reasons to visit us. Advisors are available at the Redwood, South City, Jordan, and Sandy locations. The General Advising office is located in the Student Center at Redwood Campus.

Call (801) 957-4978 or visit <http://www.slcc.edu/academicadvising> for further information about advising services.

INTERNATIONAL STUDENTS

International student and immigration advising services to assist students on visas with maintaining both immigration and academic status are available in International Student Services located in the Student Center 234, on-line international.services@slcc.edu or call (801) 957-4528.

STUDENTS WITH DISABILITIES

The Disability Resource Center (DRC) provides advising and other services for students with disabilities. For more information, see Disability Resources Center in the Resources and Services for Students section of this Catalog or call the DRC at (801) 957-4659 (Voice) or (801) 957-4646 (TTY).

6 LOG-ON TO 'MYPAGE'

MyPage is the easiest way to view the semester class schedule, register for classes and pay tuition and fees, as well as to learn about special services available to students. MyPage is a comprehensive website serving the needs of the SLCC community. Through MyPage, each student is provided a MyPage email account for communication with the institution, faculty and staff.

Students are assigned a MyPage user name and password within 48 hours of application to the College. To obtain their MyPage user name and password, the new student may go to MyPage, <http://mypage.slcc.edu> and click on "**Need Your Username/Pass.**" Enter the requested information. MyPage login information will be displayed. Also, be sure to check out other helpful links on <http://mypage.slcc.edu>.

Students should log-on to MyPage well in advance of registration to check/forward their email account and familiarize themselves with the system. Computers are available for student use at all SLCC locations. Call the Help Desk at (801) 957-5555 for computer locations and hours.

7 REGISTER FOR CLASSES

BEFORE REGISTERING FOR CLASSES, STUDENTS MUST:

COMPLETE ALL PREREQUISITES FOR DESIRED CLASSES

Prerequisites are listed in course descriptions; only students who have completed all listed prerequisites are eligible to register for the course.

OBTAIN A CLASS SCHEDULE

Each semester, printed class schedules are made available at most SLCC locations prior to registration. The class schedule is also available online at <http://www.slcc.edu>.

CLEAR ALL HOLDS ON STUDENT RECORD

Students must clear all holds prior to registration. Log-in to MyPage, selecting **Student** tab to check hold information under "**Registration Status**". Account holds for unpaid tuition will be removed 24 hours after past due amount is paid in full.

HOW TO REGISTER

ONLINE REGISTRATION

1. Log-on to MyPage, <http://mypage.slcc.edu>
2. Click on "**Student**" tab
3. Follow the directions to view on-line class schedule and register for classes

DROPS/WITHDRAWALS

If a student decides not to remain enrolled in a class, it is the student's responsibility to **drop** the class or **withdraw** from it. Classes **dropped** prior to the published drop deadline will result in an adjustment or refund of tuition. After the published drop deadline, students may **withdraw** from classes, but no adjustment or refund of tuition will be made.

ADMINISTRATIVE DROP FOR NON-ATTENDANCE

Classes are not automatically dropped for non-attendance. Students are expected to manage their class loads and personally drop classes they will not be attending as early in the semester as possible. Failure to officially drop or withdraw from classes not attended will result in failing grades and tuition due to the College. For more information, see Registration in the **THINGS YOU SHOULD KNOW** section of this Catalog.

Students must attend the first class meeting of any regularly scheduled class that meets once per week **or** at least one of the first two class meetings of any regularly scheduled class that meets more than once per week. **Students who fail to attend the first class meeting(s) as required may be dropped from the class** for non-attendance by the instructor. Students who are unable to attend the first class meeting(s) as required due to extenuating circumstances must inform the instructor or department office, preferably in writing, that they will be in attendance at subsequent meetings and do not want the class dropped.

Students who receive an Administrative Drop for non-attendance will receive full credit for tuition paid. Dropping and reinstatement are at the instructor's discretion during the first 20% of the term (see semester schedule for specific calendar dates).

8 GET YOUR 'ONECARD' STUDENT ID

OneCard is the official ID card for the College. Students are required to show their OneCard to access the Lifetime Activities Center to use the facilities or attend events. OneCard may be used to check out materials from SLCC libraries, access student computer labs (computers and printers), and as identification at SLCC Assessment/Testing Centers.

Students may also use OneCard as a debit purchase card for account payments, as well as dining, bookstore, vending machines, and some offsite purchases. The OneCard is also required to obtain a UTA Ed-Pass.

OneCard ID Centers are located at the Redwood (801) 957-4022, South City, (801) 957-3407, Sandy (801) 957-5890, and Jordan (801) 957-2600 campuses. Call one of our ID centers for more information about obtaining a OneCard ID, <http://www.slcc.edu/onecard>.

9 PAY TUITION AND FEES

Additional information about tuition and fees is available in the **THINGS YOU SHOULD KNOW** section of this Catalog.

HOW MUCH DOES IT COST?

Important deadlines for undergraduate (UG) registration and payment of undergraduate (UG) tuition/fees will be published each semester in Class Schedules. Tuition and fees rates for the 2007-2008 academic year are as follows:

2007-2008 TUITION AND FEES

CREDIT HOURS	RESIDENT TUITION/FEES	NON-RESIDENT TUITION/FEES	APPRENTICESHIPS TUITION/FEES BY CLASS
1	\$218.00	\$530.00	\$102.00
2	\$315.25	\$845.25	\$145.50
3	\$412.50	\$1,160.50	\$189.00
4	\$509.75	\$1,475.75	\$232.50
5	\$607.00	\$1,791.00	\$276.00
6	\$704.25	\$2,106.25	\$319.50
7	\$801.50	\$2,421.50	\$363.00
8	\$898.75	\$2,736.75	\$406.50
9	\$996.00	\$3,052.00	\$450.00
10	\$1,093.25	\$3,367.25	\$493.50
11	\$1,180.25	\$3,672.25	\$537.00
12-18	\$1,267.25	\$3,977.25	\$580.50
19	\$1,354.25	\$4,282.25	\$624.00
20	\$1,441.25	\$4,587.25	\$667.50
21	\$1,528.25	\$4,892.25	\$711.00

Approval for more than 20 credit hours must be obtained from the appropriate division chairperson. Each credit hour in excess of 21 is charged an additional tuition rate of \$87.00 per resident credit hour, \$305.00 per non-resident credit hour, and \$43.50 per apprenticeship credit hour. For summer term only, all undergraduate (UG) students are charged tuition at the resident tuition rate regardless of residency status.

In most cases, students are considered full-time if they are enrolled in 12 credit hours or more, but must have 15 credit hours to be eligible for the President's or Dean's list (refer to page 38 for more information regarding President's and Dean's List)

BILLING STATEMENTS

Through MyPage, each student is provided a MyPage email account for communication with the institution, faculty and staff. Official documents, billing statements, or Income Tax documents may be sent electronically to this email account. Please check your email account upon registration and periodically throughout each semester or forward to your personal email account.

NOTES:

- A \$50 Late Payment Fee will be charged to all student accounts with unpaid Tuition and Fees.
- A \$50 Late Fee is charged after the last day to drop
- Some courses will have laboratory or special fees attached. See current class schedule for specific information.
- International students are charged an additional \$40 administrative fee per term.

SKILLS CENTER COSTS AND FEES

For Utah residents, costs for most Skills Center courses and programs are \$2.25 per clock hour of instruction, which includes student fees. Books and supplies are separate and are subject to change. See a Skills Center Admissions Advisor for total program costs or the Skills Center section of this catalog.

RESIDENT FEES - DISCLOSURE OF HIGHER EDUCATION COST AS PER THE PROVISIONS OF HOUSE BILL 248

The Utah Legislature passed HB 248 which requires the disclosure of Higher Education costs. Full-time undergraduate resident students at Salt Lake Community College paying a semester tuition and fee amount of \$1,267.25 contribute an estimated 40% to the full cost of instruction per full-time student of \$3,160.00. The remaining support for the full cost of instruction is provided by \$1,892.75 of state tax funds and \$0 of other institutional revenue sources.

HOW DO I PAY?

Verify the accuracy of the tuition and fees charges on your student account through the Internet at MyPage.slcc.edu.

ONLINE...

Pay online 24/7 at MyPage, <http://mypage.slcc.edu> using your personal check, savings account transfer, credit card, or debit/credit card. We accept VISA, MasterCard, American Express and Discover/Novus cards.

- Access the payment portal by:
- Logging onto MyPage
- Scroll to "**STUDENT**" heading in BRUIN BYTES
- Click either on "**PAY BY CHECK**" (for check/savings account transfer) or "**PAY BY CREDIT CARD**"
- **Select Term/Submit**
- Proceed as instructed

BY TELEPHONE...

Call a cashier at **Tuition Express - (801) 957-4459** with a credit card or debit/credit card. Monday through Friday, 8 a.m. until 4:30 p.m. MST.

BY MAIL...

SALT LAKE COMMUNITY COLLEGE
ATTN: CASHIER SERVICES
PO BOX 30808
SALT LAKE CITY, UT 84130-0808

OR, PAY IN PERSON AT ANY CASHIER OFFICE

Pay tuition as well as fees for admission applications, transcripts, and graduation applications at any Cashier window during posted hours. Extended hours for services are available at Cashier Express Monday through Thursday until 8 p.m. Cashier Express is located on the second level of the Student Center at the Redwood Campus.

HOW DO I PAY USING FINANCIAL AID OR A VOUCHER?

FINANCIAL AID

- Apply for Financial Aid in a timely fashion (see Financial Aid section).
- Applying for Financial Aid does not guarantee payment of tuition and fees.
- Students are responsible to pay for all registered classes by the tuition due date.

SPONSOR VOUCHERS

- Provide the sponsor issuing the payment voucher with the total amount due.
- Submit the voucher to Cashier Services. (See semester class schedule for locations.)
- Vouchers must be received on or before the tuition due date stated in the semester class schedule.

WHEN DO I PAY?

Tuition and fees are due at the beginning of each semester. See the semester class schedule for the specific payment due date.

WHAT OTHER FINANCING OPTIONS ARE AVAILABLE?

- Semester Tuition Installment Loan (STIL)
- Financial Aid
- Sponsor Voucher

WHAT IS A SEMESTER TUITION INSTALLMENT LOAN (STIL)?

Students approved for this loan make monthly installments due the 10th of each month over the course of the semester. A non-refundable \$30.00 processing fee is added to the total tuition and fees. See the Accounts Receivable Office for further instructions.

WHO IS ELIGIBLE FOR STIL?

All students can sign up for the Semester Tuition Installment Loan. Incomplete applications will be denied.

HOW DO I APPLY?

- Obtain an application

Applications are available at any Cashier location.
Access applications online by:

- Logging onto MyPage
- Click on **"Student"** tab
- Scroll to **"Student Account/Web Payment Portal"**
- Click on **"Student Cashiering forms"**
- Click on **"Semester Tuition Installment Loan STIL"**
- Print and Complete application with work and personal references.
- Students must pay their first installment when they turn in the application.
- Any Additional Tuition and fees will be automatically added to the STIL contract.

REFUNDS

Refunds are given to students who have received Financial Aid in excess of their tuition and fee charges, and to students who made payments but then DROPPED those classes within the 100 percent refund period.

HOW DO I GET MY REFUND CHECK?

- Refunds are processed after Financial Aid has applied to your student account or after the last day to drop classes at 100%.
- Refunds are deposited electronically to student's bank account if student is enrolled in direct deposit.
- Refund checks are mailed to the student's current mailing address.
- Refunds to students who paid with a credit card are refunded back to the credit card that was originally used.
- Confirm that your refund has been requested on your student account summary at MyPage, <http://mypage.slcc.edu>.

10 BUY TEXTBOOKS AND SUPPLIES

Students can purchase text books at one of several convenient College Stores on one of four campuses. Books are organized alphabetically by course ID to make them easier to find. By purchasing textbooks early, students avoid the last-minute rush, ensuring themselves a larger selection of new and used books.

Books may also be purchased online at <http://bookstore.slcc.edu>. Online orders are generally shipped within 24 hours. There is a \$6 shipping and handling fee per book. See the **SERVICES AND RESOURCES FOR STUDENTS** section of this Catalog for more information about the College Store.

? HAVE A QUICK QUESTION? VISIT STUDENT EXPRESS!

Located on the second floor of the Student Center at the Redwood Campus, Student Express can provide information regarding admissions, interpretation of Computer Placement Test (CPT) scores, selection of classes, registration, financial aid, and other basic student questions. Staff is available to assist students in the Student Express Computer Lab with online services the College offers (setting up MyPage accounts, class searches, registration, degree evaluation, etc.).

DEGREES AND GENERAL EDUCATION REQUIREMENTS

SLCC DEGREES AND DEFINITIONS

SLCC OFFERS THE FOLLOWING DEGREES:

- Associate of Arts
- Associate of Arts in Business
- Associate of Science
- Associate of Science in Business
- Associate of Pre-Engineering
- Associate of Applied Science (in many areas)

AS WELL AS:

- Diplomas
- Certificates of Completion
- Certificates
- Letter of General Education Completion

Each of the following definitions includes the applicable Board of Regents Policy 401 definition.

ASSOCIATE OF ARTS (AA) AND ASSOCIATE OF SCIENCE (AS) DEGREES

The Associate of Arts (AA) and the Associate of Science (AS) degrees are programs of study primarily intended to encourage exploration of academic options, provide a strong general education component, and prepare students to initiate upper-division work in baccalaureate programs or prepare for employment. A minimum of 60 and a maximum of 63 credit hours, which include 30 to 39 credit hours of general education course work. SLCC requires a minimum of 34 credits in General Education. (The AA degree at SLCC includes a foreign language requirement. See the specific courses accepted in the General Education section.) The remainder of the credits may be taken in a variety of subject areas or may be taken in a specific subject area in preparation for a particular major. Recommended courses for specific subject areas are indicated within the program pages describing the offerings.

The Associate of Arts (AA) and the Associate of Science (AS) degrees are called “transfer” degrees because they satisfy the lower division general education requirements for a baccalaureate degree at all Utah public institutions of higher education. Be aware that the completion of an AS or AA degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

SLCC faculty continually strive to articulate course offerings with other institutions both within Utah and out of state. SLCC Academic Advisors and advisors at the student’s intended receiving institution can assist students with specific course articulation information. Information is also available at: <http://www.utahsbr.edu/acad01c.html#USHECG>.

The Associate of Arts in Business and the Associate of Science in Business are fully articulated and transfer to business baccalaureate programs at four-year institutions throughout the Utah System of Higher Education.

For further information about transferring, see the **THINGS YOU SHOULD KNOW** section of this catalog.

ASSOCIATE OF PRE-ENGINEERING (APE) DEGREE

Associate of Pre-Engineering (APE) degrees are programs of study that include extensive specialized course work intended to prepare students to initiate upper-division work in baccalaureate programs. A minimum of 68 and a maximum of 85 credit hours, including a minimum of 28 credit hours of preparatory, specialized course work, and general education requirements that are less extensive than in AA or AS Degrees, are necessary for completion of the degree.

Because students do not fully complete general education requirements while completing a specialized associate degree, they are expected to satisfy remaining general education requirements in addition to upper-division baccalaureate requirements at the receiving institution. See engineering programs for specific program requirements.

Completing an APE degree does not guarantee automatic acceptance into any engineering major at other colleges and universities. Most four-year engineering programs are restricted and require special application as well as a competitive GPA.

ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE

Associate of Applied Science (AAS) degrees are programs of study intended to prepare students for entry-level careers. A minimum of 63 and a maximum of 69 credit hours, including general education requirements that are less extensive than in AA or AS Degrees, are required.

Many of the courses contained in AAS degrees will transfer to other institutions due to articulation agreements. Check with individual department coordinator or advisor for specifics.

At SLCC, the AAS degree requires a minimum of 13 credits of general education (10-13 credits in core academic skills and 3-6 credits in distribution courses.) The degree is awarded in a specific program area. For example: “Associate of Applied Science In Accounting” or “Associate of Applied Science in Welding.”

AAS EMPHASIS

An AAS Emphasis indicates a specific subject or focus area within a defined AAS program. The emphasis requirements fulfill the requirements for the AAS degree and are indicated as an emphasis of the AAS degree. For example: “Associate of Applied Science in Architectural Technology/CAD and Computer Graphics Emphasis.”

Some Utah institutions (such as Utah Valley State College, Weber State University, and the University of Phoenix) will accept credits from certain AAS degrees toward Baccalaureate degree programs. Students who complete an AAS degree may also complete additional General Education courses to obtain an AS degree.

CERTIFICATE OF COMPLETION AND DIPLOMA

Certificate of Completion and Diploma programs are represented by a coherent sequence of courses 30 credit hours or 900 clock hours or more, with general education requirements. These certificates are designed for entry-level employment or subsequent completion of an associate degree; they may be in rapid response to business and industry.

At SLCC, Certificates of Completion and Diplomas are awarded through the various Schools. Programs are comparatively short-term (generally one year in length) and may be measured by credit hours, clock hours, or competencies.

Certificate of Completion programs at SLCC are generally 30-40 credit hours and Diploma programs are generally 40-62 credit hours. Any program of 32 semester credits or more contains human relations, communication, and computation components as outlined by the regional accrediting body. This requirement may be met in a variety of ways prescribed by each program. (See individual offerings for specific requirements.)

SKILLS CENTER CERTIFICATE OF COMPLETION

Skills Center Certificate of Completion programs are non-credit, financial aid-eligible programs of 600 hours or more. Skills Center students also receive a competency transcript for any course or program completed. (Skills Center programs of less than 600 hours result in a Certificate.)

CERTIFICATES

An SLCC department, division, or School may award a Certificate to students completing particular courses or sequences of courses. The Certificate indicates a stand-alone specialization and certifies mastery or competency in the specific course(s) taken. These certificate programs are not financial-aid eligible and, by themselves, do not lead to graduation.

Skills Center students who receive a Certificate also receive a competency transcript for any course or program completed.

LETTER OF GENERAL EDUCATION COMPLETION

Students who complete all of the general education requirements outlined for an AA or AS degree program (without completing the whole degree program) at SLCC will be considered as having completed the general education requirements at any USHE institution. A Letter of General Education Completion provides verification to a receiving institution that the student has satisfied the lower division general education requirements for all Utah public colleges and universities. (Details regarding General Education requirements at SLCC follow in the next section of this catalog.)

CAREER AND TECHNICAL EDUCATION (CTE)(^{CTE})

Career and Technical Education (CTE) includes a wide range of programs specifically designed to prepare students to enter the workforce immediately upon completion. Every AAS degree, certification, and diploma is part of CTE, and includes programs such as: Nursing, Cosmetology, Automotive Repair, Construction Management, Culinary Arts, Professional Pilot, HVAC, Welding, Apprenticeships, and more.

Students in CTE programs are highly recruited by businesses and industries. SLCC has relationships with businesses and industries within the community and can help CTE graduates get into a career upon graduation. Job placement for graduates in some of the most common CTE programs are over 90 percent. In some cases, students may be hired before they graduate and are able to complete their education at company expense.

SLCC partners with more than 30 local high schools and allows students to begin CTE training during high school through SLCC's concurrent enrollment program. Concurrent enrollment allows students to earn high school and college credit at the same time, speeding their entry into the workforce.

Through SLCC's articulation pathways program, many students completing a two-year Associate of Applied Science (AAS) degree can go on to earn Baccalaureate degree at participating four-year institutions, some of which teach programs on SLCC campuses through the University Center. Many CTE and University graduates return to SLCC for recertification or continuing education throughout their careers.

CTE is designed to teach students skills with hands-on experience and earn a degree at the same time. All CTE degrees and certifications are identified in the general catalog with **CTE**.

To learn more about SLCC Career and Technical Education opportunities go to <http://www.slcc.edu/cte>.

SAMPLE SCHEDULE

Most two-year degrees may be completed in four semesters if students enroll full time in 15 credits or more. Students must carefully plan their academic calendars based on required prerequisites and class availability by semester. Consulting with an SLCC academic advisor is recommended for such planning.

Schedules shown within program offerings are labeled as "Sample Schedules;" they must be adjusted to meet each individual student's needs. Consulting with an SLCC academic advisor is strongly recommended.

COURSE NUMBERING INFORMATION

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a "1" generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a "2" generally indicate courses designed primarily for sophomores (such as MATH 2010); numbers beginning with a "0" are non-transferable (such as DE 0900.)

ADDITIONAL OPPORTUNITIES

APPRENTICESHIPS

Division of Apprenticeship
Construction Trades Building, Room 222 - (801) 957-4066
Director: Joe Mulvey

GENERAL INFORMATION

Apprenticeship programs are composed of two parts: (1) on-the-job training is provided by a sponsor who exposes the apprentice to practical applications in all phases of a particular craft; (2) classroom-related instruction is designed to provide the apprentice with knowledge of theoretical and technical aspects of their craft. Total completion of an apprenticeship program will take up to five years, depending upon the craft. See page 245 for further information.

CONTINUING EDUCATION

Redwood Road Campus
4600 South Redwood Road
P.O. Box 30808
Salt Lake City, Utah 84130-0808
(801) 957-3105
<http://www.slcc.edu/continuinged/>

Continuing Education (CE) focuses on programs designed to meet the needs of business, industry, agencies, and professionals in their fields. Programs range from on-going career oriented programs to

upgrade and customized training focused on development of a particular skill. CE also focuses on on-site delivery of programs and courses. See page 231 for further information.

UNIVERSITY CENTER

Redwood Campus, PO 1 - (801) 957-4824
<http://www.slcc.edu/universitycenter>

The University Center, in coordination with other institutions of higher education, offers a limited number of evening baccalaureate level programs at SLCC sites to students who have completed or nearly completed Associate of Science degrees, and in some cases Associate of Applied Sciences degrees. See page 65 for further information.

GENERAL EDUCATION REQUIREMENTS

WHY GENERAL EDUCATION?

General Education courses teach basic skills as well as broaden a student's knowledge of a wide range of subjects. Education is much more than the acquisition of facts; it is gaining the strategies and skills to use information in meaningful ways in order to enrich one's life. While the subject of each course is important and useful, we become truly educated through making connections of such varied information with the different methods of organizing human experience that are practiced by different disciplines. General Education courses focus on communication, creativity, and critical thinking along with the substance of the course's information, an appreciation of the esthetics of the area of study and its connection to the larger social web. General Education enables students to:

- Develop broader perspectives and deeper understandings of their communities and the world.
- Explore a wide variety of topics with an eye toward discovering new interests and uncovering new talents.
- Challenge previously held assumptions about the world and its inhabitants.
- Develop vital workplace skills.
- Find ways to make contributions to their communities, nations and world.
- Learn strategies and skills that can be used for life-long learning.

SLCC GENERAL EDUCATION COURSE CATEGORIES:

General Education Categories are: Core Skills and Institutional Requirements.

General Education requirements for the Associate of Arts (AA) and Associate of Science (AS) transfer degrees are different from the Associate of Applied Science (AAS) degree.

CORE SKILLS

The three categories of Core Skill courses for all **ASSOCIATE OF ARTS (AA)** and **ASSOCIATE OF SCIENCE (AS)** degrees are **Composition (EN)**, **Quantitative Literacy (QL)**, and **American Institutions (AI)**. These core courses are required at every

institution in the Utah System of Higher Education. In addition, all **ASSOCIATE OF ARTS (AA)** degrees require competency at a first year level of World Language (LN). For more information about this requirement, see Language and Culture Department in this catalog.

Core Skill Courses required for all **ASSOCIATE OF APPLIED SCIENCE (AAS)** degree programs by SLCC's accrediting agency, Northwest Commission on Colleges and Universities, are communication, computation, and human relations. These core skills are filled by **Composition (EN)**, **Communication (CM)**, **Quantitative Studies (QS)**, and **Human Relations (HR)** courses at SLCC.

INSTITUTIONAL REQUIREMENTS

All **ASSOCIATE OF ARTS (AA)** and **ASSOCIATE OF SCIENCE (AS)** degrees at SLCC require students to take courses in the following four categories: **Lifelong Wellness (LW)**, **Computer Literacy (CL)**, **Student Choice**, and **General Education Distribution Areas (BS, FA, HU, PS, SS, ID)**. In addition, students must complete one **Diversity (DV)** course within their selection of Distribution courses.

- The **Lifelong Wellness (LW)** requirement can be fulfilled by completing a Health and Lifetime Activities activitiescourse, or by submitting a DD 214 document from the military.
- The **Computer Literacy (CL)** requirement can be fulfilled by passing a competency test or taking CIS 1020. Information regarding the Challenge Exam can be viewed at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>.
- The **Student Choice** category allows the student to choose between taking a **Depth** course or an **Intensive** course (**IN**). A Depth course is a second course in any of the General Education Distribution Areas and may fulfill the Diversity requirement if marked with (**DV**). Intensive Courses (**IN**) are listed in the AS/AA general education outlines below.
- The **Diversity (DV)** course requirement does not require the student to take an extra course. Within the six General Education Distribution Areas listed below, students must take at least one course that also critically examines the history, contributions of and challenges confronting diverse groups within our multicultural society of the United States. These diversity courses are marked with (**DV**) in the General Education Distribution Areas course listing that follows.
- Associate of Arts (AA) degree require study of a **World Language (LN)** as part of General Education. For more information about this requirement, see Language and Culture Department in this catalog.
- All **ASSOCIATE OF ARTS (AA)** and **ASSOCIATE OF SCIENCE (AS)** degrees at SLCC require students to take a total of six courses (18 credit hours) in the Distribution Areas, with one course from each of the following areas: **Biological Sciences (BS)**, **Fine Arts (FA)**, **Humanities (HU)**, **Physical Science (PS)**, **Social Sciences (SS)**, and **Interdisciplinary (ID)**. Within the six courses (or the Depth course), students must select one course that satisfies Diversity (DV).

ALL **ASSOCIATE OF APPLIED SCIENCE (AAS)** degrees at SLCC require students to take one to two courses (3 to 6 credits) from the list of General Education Distribution Areas.

GENERAL EDUCATION DISTRIBUTION AREAS

Biological Sciences (BS) courses introduce students to the concepts of structure, function and development at the molecular, cellular and organismal levels. Students will learn specific ways of knowing and relating to the biological elements of human experience. They will understand, value and use science as a process of obtaining knowledge based on observable evidence. They will understand that human beings are living organisms dependant on the biological world for survival and quality of life.

Fine Arts (FA) courses show the connection between the arts and society, which will provide avenues for understanding and respecting different cultures and their artistic expressions. Students will use the artistic process and forms of artistic expression to depict and express human experience, emotions and thought by means of verbal, visual and aural images, metaphors and design.

Humanities (HU) courses express the human spirit and celebrate our emotions and intelligence by making connections between the forces that shape reality in culture and society: language, history, beliefs, and philosophy. Students will recognize and appreciate the different cultural achievements and legacies of civilization. Students will learn to integrate moral, ethical and esthetic judgments in many contexts.

Physical Sciences (PS) courses help students learn to recognize the manifestations of physical phenomena of the everyday world. Students will learn how to assess the credibility of scientific information and will begin to use concepts of physical science to understand physical events and solve daily problems.

Social Sciences (SS) courses view human behavior from different perspectives including societal, cultural, historical and geographical. Students will increase their understanding of the complexity of the human experience and their awareness of the variety of human behavior and institutions. Students will gain a greater appreciation for the diversity of human potential.

Interdisciplinary (ID) courses are designed to study topics from more than one disciplinary approach or framework. For practical reasons, colleges tend to divide study into categories, such as the ones listed above. In reality, all fields of study are connected. Interdisciplinary courses help make these connections apparent and enrich student understanding of the complexity of the world and our knowledge of it.

TRANSFER NOTES: SLCC's AS or AA degrees satisfy the lower division General Education requirements for a Baccalaureate degree at Utah's public colleges and universities as well as BYU and Westminster College. Students who transfer without the AS or AA degree may elect to complete SLCC's General Education requirements and obtain a "Letter of General Education Completion," which will also be recognized by Utah's public colleges and universities as satisfying lower-division general education requirements. Students transferring to BYU without an AS or AA degree should obtain advising in the selection of General Education courses.

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS) GENERAL EDUCATION REQUIREMENTS

In addition to the 13–19 credits outlined below, students will need to complete additional credits in their academic program for a total of 63–69 credits to graduate with an AAS degree. Individual program descriptions outline program requirements.

NOTE: Some academic programs may recommend different courses for General Education. Recommendations are **not** requirements, but faculty have decided that such recommendations may aid the student in the future, especially when transferring. Check specific **program descriptions** provided in this Catalog.

The General Education requirements for an **ASSOCIATE OF APPLIED SCIENCE (AAS)** degree will be considered fulfilled when a student has completed 13–19 credit hours in the following areas:

AAS CORE SKILLS: 10–13 CREDITS**COMPOSITION (EN) 3 CREDITS**

ENGL 1010 Introduction to Writing (EN) 3

QUANTITATIVE STUDIES (QS) 3–4 CREDITS

APPR 1470 MATH FOR THE TRADES (QS)
ART 1210 Math for Visual Arts (QS)
BCCM 1100 Construction Math (QS)
CHEF 1320 Business Math (QS)
CPA 1470 Math for the Trades (QS)
ELEC 1110 Applied Math I for Electricity (QS)
ELET 1050 Electronics Math (QS)
FIN 1380 Financial Mathematics (QS)
IND 1120 Math for Welders (QS)
MATH 1010 Intermediate Algebra (QS)
MATH 1020 Math for the Health Disciplines (QS)
SVT 1110 Surveying Math I (QS)

NOTE: In selecting a QS course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

COMMUNICATION (CM) 3 CREDITS

COMM 1010 ELEMENTS OF EFFECTIVE COMMUNICATION (CM, IN)
COMM 1020 Principles of Public Speaking (CM, IN)
CTEL 1020 Career Speech Skills (CM)

NOTE: In selecting a CM course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

HUMAN RELATIONS (HR) 2–3 CREDITS

ART 1150 Foundation Seminar (HR)
COMM 2110 Interpersonal Communication (HR)
CTEL 1010 Leadership & Team Building (HR)
LE 1220 Human Relations for Career Development (SS, HR)
MKTG 1010 Customer Service (HR)
MKTG 1050 Consumerism (ID)
MKTG 1960 Professionalism in Business (HR)

NOTE: In selecting a HR course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

AAS INSTITUTIONAL REQUIREMENTS: 3–6 CREDITS

Students must take one to two courses (3–6 credits) from the list of General Education Distribution Areas (BS, FA, HU, PS, SS, ID).

NOTE: See individual program descriptions for possible program-specific recommendations for course selection in these distribution areas.

ASSOCIATE OF SCIENCE/ ASSOCIATE OF ARTS DEGREE (AS/AA) GENERAL EDUCATION REQUIREMENTS

This section outlines the General Education requirements for the Associate of Science (AS) and the Associate of Arts (AA) degrees.

AS and AA degrees require a minimum of 34 credit hours in general education requirements as outlined below. The AA also includes a minimum of five credits of World Language at the second semester level. Students must complete a total of 60-63 credits, including the General Education requirements to graduate with an AS or AA degree.

NOTE: Some academic programs may recommend different courses for the General Education requirements than those listed below. General Education recommendations are **not** requirements, but faculty have decided that such recommendations may aid the student in the future, especially when transferring. See academic programs listed alphabetically in the program descriptions section of this catalog.

The General Education requirements for an **ASSOCIATE OF SCIENCE**, an **ASSOCIATE OF ARTS**, or a **“Letter of General Education Completion”** will be considered fulfilled when a student has completed a minimum of 34–38 credit hours in the following areas:

AA/AS CORE SKILLS: 12–13 CREDITS

COMPOSITION (EN) 6 CREDITS

ENGL 1010	Introduction to Writing (EN)	3
AND		
ENGL 2010	Intermediate Writing (EN)	3
OR		
ENGL 2100	Technical Writing (EN)	3

QUANTITATIVE LITERACY (QL) 3–4 CREDITS

MATH 1030	Quantitative Reasoning (QL)	3
OR		
MATH 1040	Introduction to Statistics (QL)	3
OR		
MATH 1050	College Algebra (QL)	4
OR		
MATH 1090	College Algebra-Business (QL)	3

NOTE: In selecting a QL course to fulfill General Education requirements for an AS or AA, students must consult their academic program and the institution to which they intend to transfer. Math requirements may vary at four-year institutions.

AMERICAN INSTITUTIONS (AI) 3 CREDITS

ECON 1740	Economic History of the U.S. (AI)	3
OR		
HIST 1700	American Civilization (AI)	3
OR		
POLS 1100	US Government & Politics (AI)	3

AA/AS INSTITUTIONAL REQUIREMENTS (22 CREDITS)

LIFELONG WELLNESS (LW) 1 CREDIT

Any HLAC activities course designated with (LW)

STUDENT CHOICE 3 CREDITS

DEPTH:

Any second course from one of the General Education Distribution Areas

OR

INTENSIVE (IN):

BUS 2200	Business Communication (IN)	3
COMM 1010	Elements of Effective Communication (IN, CM)	3
COMM 1020	Principles of Public Speaking (IN, CM)	3

COMPUTER LITERACY (CL) 0 CREDITS

A competency test <http://poseidon.slcc.edu/~CIS1020/Challenge.html>
OR

CIS 1020 Computer Essentials (CL) 3

Information regarding the Challenge Exam can be viewed at
<http://poseidon.slcc.edu/~CIS1020/Challenge.html>

NOTE: Completion of CIS 1020 with a B grade or better meets the computer proficiency requirement for business majors at all Utah colleges and universities.

GENERAL EDUCATION DISTRIBUTION AREAS (18 CREDITS)

Students must take one course (3 credits) from each of the following six areas (BS), (FA), (HU), (PS), (SS), and (ID). One of the six courses must also be a Diversity course (DV).*

***NOTE:** Some courses may be cross-listed between distribution areas, but each may only count as fulfilling one distribution area. See individual program descriptions for possible program-specific recommendations for course selection in these distribution areas.

BIOLOGICAL SCIENCES (BS)

BIOL 1010	Introduction to Biology (BS) + Lab (1015)	4
BIOL 1030	Introduction to Plant Biology (BS) + Lab (1035)	4
BIOL 1050	Introduction to Animal Biology (BS) +Lab (1055)	4
BIOL 1070	Introduction to Marine Biology (BS) +Lab (1075)	4
BIOL 1110	Introduction to Human Anatomy/Physiology (BS)	3
BIOL 1150	Physiology of Exercise (BS)	3
BIOL 1170	Foundations of Biology (BS) +Lab (1175)	4
BIOL 1210	General Biology (BS) +Lab (1215)	4
BIOL 1610	College Biology I (BS) + Lab (1615)	4

NOTE: Students must register for lecture and lab at the same time. If the lab is full, students cannot register for the lecture. (Multiple lab options are available for each lecture course offering.)

FINE ARTS (FA)

ART 1010	Exploring Art (FA)	3
ART 1020	Introduction to Drawing (non-maj) (FA)	3
ART 1040	Jewelry: Culture & Creation (FA)	3
ART 1050	Intro to Photography (FA)	3
ART 1060	Calligraphy-Design and History (FA)	3
ART 1375	Photographing Diversity (FA, DV)	3
DANC 1010	Dance & Culture (FA) (DV)	3
DANC 1090	Bridging the Arts (FA)	3
DANC 1100	Introduction to Ballet I (FA)	3
DANC 1200	Introduction to Modern Dance I (FA)	3
DANC 1500	Introduction to Jazz Dance I (FA)	3
DANC 1580	Introduction to Tap Dance I (FA)	3
FA 1080	Basic Metal Sculpting (FA)	3
FA 1090	Bridging the Arts (FA)	3
FLM 1023	Introduction to Film (FA)	4
FLM 1070	Film & Culture (FA) (DV)	4
MUSC 1010	Introduction to Music (FA)	3
MUSC 1030	Introduction to Jazz (FA)	3
MUSC 1090	Bridging the Arts (FA)	3
THEA 1013	Introduction to Theatre (FA)	3
THEA 1070	Film and Culture (FA, DV)	4
THEA 1090	Bridging the Arts (FA)	3
THEA 1023	Introduction to Film (FA)	4

HUMANITIES (HU)

ANTH 2011	People & Cultures of the Southwest (HU)	3
ANTH 2120	Sacred Traditions (HU)	3
ARTH 2520	Latin American Art to 1750 (HU)	3
ARTH 2710	Art History: Prehistory/Ren. (HU)	3
ARTH 2720	Art History: Ren./Contemp. (HU)	3
COMM 1050	Elem. of Human Communication (HU)	3
ENGL 1050	Intro to Reading Contemporary Culture (HU, DV)	3
ENGL 1060	Tech Studies/Rdg, Wrtg & Rspd (HU)	3
ENGL 1100	Diversity in Pop US Literature (HU) (DV)	3
ENGL 2030	Language in Society (HU, DV)	3

DEGREES AND GENERAL EDUCATION REQUIREMENTS

ENGL	2280	Intro to Creative Nonfiction (HU)	3
ENGL	2600	Critical Introduction to Literature (HU)	3
ENGL	2610	Diversity in American Literature (HU, DV)	3
ENGL	2710	Introduction to Folklore (HU)	3
ENGL	2740	Introduction to Women's Studies (HU)	3
ENGL	2760	Gender and Cultural Studies (HU, DV)	3
ENGL	2810	Native American Exp (HU, DV)	3
ENGL	2830	Diverse Women Writers (HU, DV)	3
ENGL	2850	GLBT Studies (HU, DV)	3
HUMA	1100	Intro to Humanities (HU)	3
HUMA	1300	Dev Western Civ/Ancient to Renaissance (HU)	3
HUMA	1310	Dev Western Civ/Ren to Modern (HU)	3
HUMA	2120	Sacred Traditions (HU)	3
HUMA	2220	Pacific American Studies (HU, DV)	3
HUMA	2310	Great Books I (HU)	3
HUMA	2320	Great Books II (HU)	3
HUMA	2400	Religious Diversity in America (HU, DV)	3
HUMA	2600	Decade of the '60s (HU)	3
INTL	2040	The Immigrant Experience (HU, DV)	3
INTL	2060	Intl Lit and Culture (HU, DV)	3
PHIL	1000	Introduction to Philosophy (HU)	3
PHIL	2350	Philosophy of Religion (HU)	3

PHYSICAL SCIENCES (PS)

CHEM	1010	Introduction to Chemistry (PS)	3
GEO	1010	Introduction to Geology (PS)	3
GEOG	1000	Earth's Surface Environments (PS)	3
GEOG	1700	Natural Disasters Envir. Field Study (PS)	3
MET	1010	Introduction to Meteorology (PS)	3
PHYS	1010	Elementary Physics (PS)	3
PHYS	1040	Elementary Astronomy (PS)	3

SOCIAL SCIENCES (SS)

ECON	1010	Economics as a Social Science (SS)	3
ECON	1600	Intro to Economic Systems (SS)	3
ETHS	2410	African American (SS, DV)	3
ETHS	2420	Asian American (SS, DV)	3
ETHS	2430	Mexican American (SS, DV)	3
ETHS	2440	Native American Culture (SS, DV)	3
HIST	1100	History of Western Civ. to 1300 (SS)	3
HIST	1110	History of Western Civ. Since 1300 (SS)	3
HIST	1300	Colonial Latin America (SS)	3
HIST	1310	Modern Latin America (SS)	3
HIST	1450	Islamic Civilization (SS)	3
HIST	1500	World History to 1500 (SS)	3
HIST	1510	World History Since 1500 (SS)	3
HIST	2200	Americanization (SS, DV)	3
HIST	2700	US History to 1877 (SS)	3
HIST	2710	US History since 1877 (SS)	3
HIST	2990	A Survey of Utah History (SS)	3
LE	1220	Human Relations for Career Dev (SS)	3
POLS	1070	Diversity & US Politics (SS, DV)	3
POLS	2300	Political Ideologies (SS)	3
PSY	1010	General Psychology (SS)	3
PSY	1100	Human Growth and Development (SS)	3
PSY	2370	Gender in America (SS, DV)	3
SOC	1010	Introduction to Sociology (SS)	3
SOC	2370	Gender in America (SS, DV)	3
SOC	2630	Race and Ethnicity (SS, DV)	3

INTERDISCIPLINARY (ID)*

ANTH	1010	Culture and Human Experience (ID)	3
ANTH	1030	Introduction to Archeology (ID)	3
BUS	1050	Foundations of Business (ID)	3
CIS	1430	Internet & HTML Fundamentals (ID)	3
COMM	1500	Introduction to Mass Communication (ID)	3
COMM	2150	Intercultural Communication (ID, DV)	3
COMM	2500	Elements and Issues of Digital Media (ID)	4
EDU	1400	Study of Disabilities (ID, DV)	3
ELEC	1010	Electricity and Modern Living (ID)	3
ELET	1600	The Electronics Age (ID)	3
ENGR	1050	Intro to Nanotechnology (ID)	3
ENVT	1010	Race to Save Planet (ID)	3
FHS	2400	Marriage and Family Relations (ID)	3
FHS	2450	Introduction to Human Sexuality (ID)	3

FIN	1050	Personal Finance (ID)	3
GEOG	1300	Regional Geography (ID)	3
GEOG	1400	Human Geography (ID)	3
GEOG	1800	Introduction to GIS (ID)	3
GIS	1800	Introduction to GIS (ID)	3
HLTH	1050	Life, Society and Drugs (ID)	3
HLTH	1110	Social Health & Diversity (ID, DV)	3
HLTH	1500	Lifetime Wellness and Fitness (ID)	3
HUMA	1100	Introduction to Humanities (ID)	3
HUMA	2130	Philosophy in Literature (ID)	3
INTL	2980	Travel Studies (ID)	3
INTL	2990	Study Abroad (ID)	3
LE	1020	Essentials of College Study (ID)	3
LE	1310	Mind, Machine, Consciousness (ID)	3
LE	1350	Values and Self Image (ID)	3
LE	1360	Opening Diverse Doors (ID, DV)	3
MKTG	1050	Consumerism (ID)	3
PHIL	1130	Personal Ethics (ID, DV)	3
PHIL	1200	Diversity & Philosophy of Work (ID, DV)	3
SCI	1000	Integrated Science (ID)	3
SOC	1020	Social Problems (ID)	3
SOC	2400	Intermountain West and People (ID)	3
TECH	1010	Technology and the Future (ID)	3
TECH	1020	Language of Tech-Design (ID)	3

REQUIREMENT FOR ASSOCIATE OF ARTS (AA) DEGREES ONLY

LANGUAGE (LN) 5 CREDITS*

ARB	1020	Beginning Arabic II (LN)	5
OR			
ASLI	1020	Beginning American Sign II (LN)	5
OR			
CHI	1020	Beginning Chinese II (LN)	5
OR			
FRN	1020	Beginning French II (LN)	5
OR			
GER	1020	Beginning German II (LN)	5
OR			
ITL	1020	Beginning Italian II (LN)	5
OR			
JPN	1020	Beginning Japanese II (LN)	5
OR			
NAV	1020	Beginning Navajo II (LN)	5
OR			
POR	1020	Beginning Portuguese II (LN)	5
OR			
RUS	1020	Beginning Russian II (LN)	5
OR			
SAM	1020	Beginning Samoan II (LN)	5
OR			
SPN	1020	Beginning Spanish II (LN)	5
OR			
TNG	1020	Beginning Tongan II (LN)	5

***NOTE:** ENGL courses are part of Core Skills and may not be used for this LN requirement. Foreign/naturalized students are not allowed to take Beginning LN courses in their native language. There may be other options; consult the Language and Culture Department page in this catalog.

ASSOCIATE OF PRE-ENGINEERING DEGREE (APE) GENERAL EDUCATION REQUIREMENTS

The Associate of Pre-Engineering degree is a specialized associate degree that requires reduced general education requirements. Students will be required to satisfy remaining general education requirements for a baccalaureate degree at the transfer (receiving) institution. SLCC engineering students should meet with the SLCC Engineering Advisor as well as a transfer advisor from the receiving institution to obtain advising regarding general education requirements specific to Engineering majors.

CERTIFICATE OF COMPLETION OR DIPLOMA PROGRAMS' GENERAL EDUCATION REQUIREMENTS

Any program of 32 semester credit hours or more must contain communication, computation, and human relations components as outlined by the regional accrediting body (Northwest Commission on Colleges and Universities.) This requirement may be met in a variety of ways and is prescribed by each program. See individual program descriptions for specific course requirements.

SERVICE LEARNING COURSES

Service-learning is one method of being "civically-engaged," as indicated in the fifth Academic Student Learning Outcome, listed elsewhere in this catalog. SLCC has an officially recognized process for designating service-learning courses. Designated service-learning courses are listed below for your convenience and the course description of each course also includes the service-learning designation.

CERTAIN SECTIONS TAUGHT USING SERVICE-LEARNING

Indicates courses that have a faculty member who received service-learning designation for the individual sections they teach. The service-learning designation per faculty member and for their particular section is found in the course schedule for each term.

DESIGNATED AS A SERVICE-LEARNING COURSE

Indicates that *every* section of the course taught will incorporate service-learning regardless of the faculty member teaching the section.

CERTAIN SECTIONS OF COURSES TAUGHT USING SERVICE-LEARNING

BRC	2401	Advanced Cosmetology/Barbering Lab I	4
BRC	2410	Theory-State Board Preparation	4
EDU	1400	Study of Disabilities (ID, DV)	3
ENGL	2010	Intermediate Writing (EN)	3
ENGL	2100	Technical Writing (EN)	3
ENGL	2710	Introduction to Folklore (HU)	3
HIST	1700	American Civilization (AI)	3
HIST	2700	U.S. History to 1877 (SS)	3
LE	1020	Essentials of College Study (ID)	3
MATH	1050	College Algebra (QL)	4
MATH	1220	Calculus II	4
POLS	1100	U.S. Government and Politics (AI)	3

DESIGNATED AS A SERVICE-LEARNING COURSE

EDU	1010	Orientation to Education	3
EDU	2010	Introduction to Special Education	3
LE	1220	Human Relations for Career Development (SS, HR)	3
NSG	1700	Medical/Surgical Nursing	5
OTA	1140	Physical Dysfunction Lecture	3
OTA	1150	Physical Dysfunction Lab	1
OTA	1170	Physical Dysfunction Field	2
OTA	1210	OT Professional Issues I	2
OTA	1220	OT Modalities II Lecture	2
OTA	1230	OT Modalities II Lab	1
OTA	1240	Physical Dysfunction II	3
OTA	1250	Physical Dysfunction II Lab	1
OTA	1270	Pediatric FW Experience	2
OTA	2310	OT Professional Issues II	2
OTA	2320	OT Modalities Lecture III	2
OTA	2330	Modalities III Lab	1
OTA	2350	Geriatrics	3
OTA	2380	Psychosocial/Geri FW I Experience	2
OTA	2450	Fieldwork Experience II Part I	6
OTA	2460	Fieldwork Experience II Part 2	6

ADMISSIONS

REGISTRATION

CREDIT BY EXAM

TRANSFERRING CREDIT

GRADES AND REPORTS

ACADEMIC STANDARDS POLICY

TUITION AND FEES

FINANCIAL AID AND SCHOLARSHIPS

GRADUATION

COLLEGE POLICIES

STUDENT CODE OF CONDUCT

FAIR AND EQUITABLE DISCIPLINARY PROCESS

CAMPUS POLICY ON DRUGS AND ALCOHOL

ADMISSIONS

ADMISSION POLICY

SLCC welcomes students for admission to any course of study for which their qualifications indicate they can benefit, without regard to age, marital status, race, color, creed, gender, sexual preference, national origin, disability, or status as a disabled veteran or veteran of the Vietnam era.

RESIDENCY CLASSIFICATION

All individuals are encouraged to apply for admissions to SLCC. Following applicable state laws, Enrollment Services classifies all applicants for admission as either residents or non-residents for tuition purposes. Visit <http://www.slcc.edu> for specific information regarding residency, or e-mail willow.bowen@slcc.edu.

Students making application under the Utah state law (HB 144) "Exemption From Nonresident Tuition - Undocumented Student Applicant" should contact their high school counselor or Enrollment Services at SLCC. For related information, see **TUITION AND FEES** section of this catalog.

WESTERN UNDERGRADUATE EXCHANGE PROGRAM

Students who are residents of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming may be eligible to participate in the WUE Western Undergraduate Exchange Program. This program provides tuition discounts for residents of these states who wish to attend colleges or universities in other participating states. WUE status is not available at all institutions or for all academic programs. At SLCC, approval for WUE tuition reductions are handled on a first-come, first-served basis. For more information and WUE forms, go to <http://www.slcc.edu> or email willow.bowen@slcc.edu.

INTERNATIONAL STUDENTS & SCHOLARS

Redwood Campus, Student Center 234
(801) 957-4528, Fax: (801) 957-4432
South City Campus, E148E (801) 957-4412
International.services@slcc.edu
<http://www.slcc.edu/iss>

SLCC welcomes International Students & Scholars. SLCC is authorized to issue the USCIS form I-20 or DS2019 to qualified non-immigrants. International Scholars work through academic departments by invitation. Students must complete an international application and meet all admission requirements to receive the form I-20. SLCC accepts international students who have satisfactorily completed secondary school. Students who transfer from another college or university must have at least a "C" average (2.0 GPA) or equivalent in previous college work.

Deadlines for International Admissions

Students applying from outside the United States:

FALL SEMESTER	JUNE 1
SPRING SEMESTER	NOVEMBER 1
SUMMER TERM	APRIL 1

International students transferring from schools within the United States:

FALL SEMESTER	JULY 17
SPRING SEMESTER	DECEMBER 4
SUMMER TERM	APRIL 30

For students transferring from colleges or universities within the U.S., an international application, and all supporting documents must be received at least six weeks before classes begin. The following documents and credentials are to be submitted to International Student Services before the college can issue an I-20.

1. APPLICATION FOR ADMISSION

Applicants must properly complete the International Student Application for admission with the appropriate field of study. A \$65 non-refundable application fee must accompany the application. This application is also available on-line.

2. TRANSFER FORM

Students transferring from schools within the U.S. must submit a transfer form signed by the international student advisor certifying that the students have been enrolled full-time and maintained F-1 student status. Overall grade point average (cumulative) for new and transferring students must be a 2.0 or better for consideration for admission. After all the requested documents and credentials have been received, the application for admission will be evaluated. If approved, an I-20 form will be issued to the prospective student.

3. FINANCIAL STATEMENT

The U.S. Citizenship and Immigration Service (USCIS) requires SLCC to verify that an international student can provide evidence of financial resources for the length of time necessary to pursue an education in the United States. A realistic financial plan is necessary for the issuance of an I-20 form. Official financial statements from the student or student's sponsor are used to demonstrate financial ability. Financial aid is not available for international students. Students on visas always pay non-resident tuition. Faxed financial documents are not accepted.

4. PROOF OF ENGLISH PROFICIENCY

TOEFL EXAMINATION

A minimum computer-based TOEFL score of 173 is required to enter a major. International students who score between 133–172 will be admitted to the level four ESL classes. Students scoring below 133 will be admitted to SLCC Intensive English Language Program at the SLCC Skills Center. The TOEFL test scores must be official and taken within the last two years.

Information on the TOEFL may be obtained by writing to TOEFL, Educational Testing Service, P.O. Box 6151, Princeton, New Jersey, 08541-6151, U.S.A. Test results should be sent directly to the International Student Services Office. The SLCC Institutional Code is 4864.

COMPUTERIZED PLACEMENT TEST (CPT)

The CPT, including the LOEP, is required of all students. A minimum score of 84 is required to enter a major. Students scoring between 72 and 83 will be admitted to the level four English as a Second Language classes. Students scoring below 72 will be admitted to the SLCC Intensive English Language Program at the Skills Center. The test must have been taken within the last year. The CPT test can be taken at the Redwood, South City or Jordan Campus Assessment

Center. A student scoring below 173 on the computer-based TOEFL or below the minimum to enter a major on the SLCC Computerized Placement Test will be issued an I-20 for the Intensive English Program and be required to take the English-as-a-Second Language Placement Test (CELSA) at the Skills Center. Based on these scores, students will be placed at the level of instruction appropriate for their needs.

Students applying from outside of the United States who are unable to take any of the tests listed above will be issued an I-20 for the Intensive English Program. Students will be tested upon arrival at SLCC and then placed in the classes appropriate to their level of English ability.

NOTE: Entering international students should be aware that gaining proficiency in English may require as much as ONE YEAR and may delay entry into their degree programs. Students should plan their course of study and financial support accordingly.

5. TRANSCRIPTS

International students must submit:

- An official diploma or certified copy of high school graduation (international admissions policy requires satisfactory completion of secondary education or the equivalent of a U.S. high school diploma.)

OR

- Official transcripts for each post-secondary school, college or university attended by the applicant. Official English translations must be included.

FAXED DOCUMENTS ARE NOT ACCEPTED.

- Evaluations can be obtained through a foreign credential evaluation service. Information about these services is available from International Student Services international.services@slcc.edu.

NOTE: International Student Application forms are available from the International Student Services Office or via <http://www.slcc.edu/iss>. Contact ISS directly with questions about the international application process via email at: international.services@slcc.edu.

PLACEMENT TESTING

Students wishing to enroll in mathematics or English classes at SLCC must complete the Computerized Placement Test (CPT) **before** registering for these classes. The SLCC Assessment/Testing Centers at Redwood, South City and Jordan campuses administer the CPT each weekday on a walk-in basis. No appointment is necessary. **A photo ID is required to take the test.**

The CPT is an untimed test, so students may take as much time as needed to complete the test. The CPT is not graded on a pass/fail basis. CPT test scores are used for class placements. Retests are limited to one per semester. Call 957-4269 for more information about taking the CPT.

Recent ACT scores (less than two years old for English and less than one year old for math) may be used in place of the CPT for class placements. Students who have taken the ACT recently should bring their scores to an Enrollment Services office for evaluation.

ENGLISH-AS-A-SECOND LANGUAGE

Applicants for whom English is not their native or first language must satisfactorily complete English-as-a-Second Language classes or must prove they are proficient in English-as-a-Second-Language. English proficiency can be demonstrated by TOEFL exam (173 or above) or the SLCC CPT/LOEP exam. All non-native English speakers need to take one of these exams to determine English proficiency. For more information on ESL (English-as-a-Second-Language) classes, call the ESL coordinator at the Skills Center, South City Campus, at (801) 957-3212.

REGISTRATION

Before the beginning of each semester, students may register for classes listed in the class schedule. Class schedules are available online at <http://www.slcc.edu>. Class schedules are also printed each semester and contain a listing of classes taught, as well as policies and procedures relating to registration, adding and dropping classes, tuition payment, refunds, challenging of classes, and due dates.

Registration is complete when students enroll in one or more courses and tuition and fees are paid in full, or payment arrangements have been made. Registration deadlines and payment due dates are listed in the class schedule and online in MyPage. Special permission must be obtained to add classes after the published deadline and late payment fees may be assessed. Early class registration services are available for students who are registered with the Disability Resource Center.

PRIORITY TICKET

When students complete registration for a course online, but receive an error message because the course is full, a Priority Ticket is automatically issued. This allows students an opportunity to register for the same course the following semester during special Priority Ticket early registration. Priority Tickets generated in Spring are valid for Summer and Fall semesters. Priority Tickets generated in Fall semester are valid for Spring semester. If a student receives a Priority Ticket, SLCC will contact that student by mail and email a few weeks before the next semester's registration period with details about early registration options for the following semester.

The Priority Ticket will be cancelled if the student adds the same class during the semester. Obtaining a Priority Ticket for a specific course does not change the prerequisite requirements for that course.

ADDS/DROPS/WITHDRAWALS

Students are responsible for adding and dropping their own classes and should follow the procedures outlined in the class schedule. No extra charge is made for adding or dropping classes.

ADDS

Classes may be added during scheduled registration periods through the 5th business day of each full semester or term of 7½ weeks or longer, or through the end of the 2nd business day of any term shorter than 7½ weeks. Students hoping to add a course are encouraged to attend the first class meeting of that course.

DROPS

Classes may be dropped until the published drop deadline. Students dropping classes by the published deadline will receive a refund or adjustment of tuition according to the refund/adjustment schedule printed in the class schedule and available online in MyPage. No entry is made on the student's permanent record for classes dropped by the published deadline.

WITHDRAWALS

Students may withdraw from classes after the third week through the ninth week of a semester or within the first 60% of a 7½ week term. For sessions shorter than 7½ weeks, see deadlines published on MyPage and in the class schedule. Withdrawal from class after the third week of the semester or 20% of the term will be shown as a 'W' on the transcript and will not be calculated in the grade point average. **No tuition refund/adjustment will be made for withdrawals.**

Exceptions to the withdrawal deadline may be granted by a Division Chair or Dean, Dean of Students, or the Disability Resource Center in extenuating circumstances with appropriate documentation. No exceptions will be granted after final exams have been given.

ADMINISTRATIVE DROP FOR NON-ATTENDANCE

In order to maximize registration opportunities for all students, students are required to attend the first class meeting of any regularly scheduled class that meets once per week or at least one of the first two class meetings of any regularly scheduled class that meets more than once per week. Students who are unable to attend the initial class meeting(s) as required must inform the instructor or department office, preferably in writing, that they intend to attend subsequent meetings and do not want to be dropped.

Students who fail to attend initial class meeting(s) as required and who fail to contact the instructor in advance of the absence may be dropped from the course by the instructor.

Students enrolled in classes of high demand and/or limited availability are particularly vulnerable to a drop for non-attendance.

Students who receive an Administrative Drop for Non-attendance will receive full credit for tuition paid. Dropping and reinstatement are at the instructor's discretion during the first 20% of the term. (See class schedule for specific calendar dates.) **Students are NOT automatically dropped for non-attendance. See FAILURE TO DROP/WITHDRAW.**

FAILURE TO DROP/WITHDRAW

Students should not assume classes are automatically dropped for non-attendance or nonpayment. Students are responsible for dropping or withdrawing from classes they (a) are not attending, or (b) do not intend to complete in the current semester. Students who stop attending a course without completing the formal drop or withdrawal procedures by the published deadlines will be responsible for all tuition and fees associated with the course, and will receive a failing grade 'E' for the course with the last date of attendance recorded.

Students should submit drops/withdrawals as early in the semester as possible. Tuition will be charged for classes not dropped by the end of the third week of the semester or 20% of a term.

REGISTRATION APPEAL

In the case of extenuating circumstances, students may appeal to drop classes at 100%. Appeals must be initiated within one year of the semester involved. Please submit a completed "Registration Appeal" Form with appropriate documentation to Enrollment Services. Guidelines for submitting appeals are included on the Appeal form. Appeals may be mailed to Enrollment Services Appeals Committee, Salt Lake Community College, PO Box 30808, Salt Lake City, UT 84130. Please go to <http://www.slcc.edu> for more information and access to Enrollment Services forms.

Appeals are reviewed by a representative of the Enrollment Services Appeals Committee and the results are mailed to you within 7 working days. If you are not satisfied with the appeal decision, you may submit a second appeal with additional supporting documentation, to be reviewed by the Appeals Committee. Results of the Appeals Committee decision are final and will be mailed to you.

AUDITING CLASSES

Credit is not given for AUDITED classes, but tuition charged is the same as taking the class for credit. Not all classes may be audited. An "AU" is recorded on your transcript. Audited classes are not part of enrollment status; you cannot receive financial aid or VA benefits. You must declare your intent to audit at the time of registration and no later than the last day to add classes.

SENIOR CITIZEN ENROLLMENT

Utah Residents who have reached age 62 and over are invited to enroll in any regular class offered at reduced cost under the following conditions:

- Surplus Space must be available in the class;
- Classes will be taken as an audit (no college credit);
- \$10 registration fee required each semester (fee does not cover cost of books, supplies, parking or special class fees, lab fees);
- Application for admission must be filed with Enrollment Services. (\$35 application fee waived);
- Senior citizens desiring college credit must follow regular admissions and registration procedures and pay full tuition and fees.

CREDIT BY EXAM

Students may earn credit through the following examination programs: Advanced Placement (AP), Challenge Examinations, College Level Examination Program (CLEP) and International Baccalaureate (IB) Examination. Credit earned through these exams is not counted as in-residence credit.

ADVANCED PLACEMENT EXAMINATIONS

Advanced Placement Exams are administered in the High School. High school students who achieve scores of 3, 4 or 5 on an AP examination may be awarded up to 10 hours of college credit for each examination completed, as shown in **Table 1: ADVANCED PLACEMENT EXAM CREDIT.**

SLCC will recognize Advanced Placement with credit only for those freshman-level areas which apply to the graduation requirements of the specific major and the established general education requirements for graduation from the chosen program.

CHALLENGE EXAMINATIONS

Students who feel that their experience or previous knowledge would enable them to successfully challenge (test out of) a course offered at SLCC may apply to take a challenge examination. Challenge examinations may be taken at any time during the semester at \$25 per class challenged, payable before taking the examination. Challenge examinations are not available in all classes. Students should **not** register for the class they plan to challenge. If the student has ever taken the class, they are ineligible to challenge it. This includes classes which have been audited or failed.

TABLE 1: ADVANCED PLACEMENT EXAM CREDIT

EXAM	SCORE	CR	COURSES
Art History	3	6	ARTH 2710 (3 cr.) + 3 cr. HU
	4-5	6	ARTH 2710 (3 cr.) + ARTH 2720 (3 cr.)
Art Studio (All)	3-5	6	6 cr. V/T elective
Biology	3-5	6	BIOL 1010 /1015(4 cr.) +2 cr. GS elective
Calculus AB	3	6*	MATH 1050 (4 cr.) + 2 cr. GS elective
	4-5	8*	MATH 1050 (4 cr.) + MATH 1210 (4 cr.)
Calculus BC	3	8*	MATH 1050 (4 cr.) + MATH 1210 (4 cr.)
	4-5	8*	MATH 1210 (4 cr.) + MATH 1220 (4 cr.)
Calculus BC/AB Subscore	3	6	MATH 1050 (4 cr.) + 2 cr. GS elective
Chemistry	3	8*	CHEM 1010 (3 cr.) + CHEM 1210 (4 cr.) + CHEM 1215 (1 cr.)
	4-5	10*	CHEM 1210 (4 cr.) + CHEM 1220 (4 cr.) + CHEM 1215 (1cr.) +CHEM 1225 (1cr.)
Chinese Language and Culture	TBD**		
Computer Science A	3	4	CS 1400
	4-5	4	CS 1410
Computer Science A B	3	6	CS 1410 + 2 cr. CS 1XXX (CS Elective)
	4-5	8	CS 1410 + CS 1420
Economics - Micro	3-5	3	ECON 2010 (3 cr.)
Economics - Macro	3-5	3	ECON 2020 (3 cr.)
English - Language and Composition	3-5	6*	ENGL 1010 (3 cr.) + 3 cr. GS elective
English - Literature and Composition	3-5	6*	ENGL 1010 (3 cr.) + ENGL 2600 (3 cr.)
Environmental Science	3-5	3	ENVT 1010 (ID)
European History	3-5	6	3 cr. SS + 3 cr SS
Foreign Language (French, German, Spanish)	3-5	10	Language 1010 (5 cr.) + Language 1020 (5 cr.)
French Literature	3-5	6	6 cr. GS elective
Government & Politics - Comparative	3-5	3	POLS 2200 (3 cr.)
Government & Politics - US	3-5	3	POLS 1100 (3 cr.)
Human Geography	3-5	3	3 cr. GS elective
Italian Language and Culture	TBD**		
Japanese Language and Culture	TBD**		
Latin Literature	TBD**		
Latin: Vergil	TBD**		
Music Theory	3-5	6	6 cr. GS elective
Physics B	3	6*	PHYS 1010 (3 cr.) + 3 cr. PS
	4-5	10*	PHYS 2010 (4 cr.) + PHYS 2020 (4 cr.) + PHYS 2015 (1 cr.) + PHYS 2025 (1 cr.)
Physics C Electricity/ Magnetism	3	3*	PHYS 1010 (3 cr.)
	4-5	5*	PHYS 2020 (4 cr.) + PHYS 2025 (1 cr.)
Physics C Mechanical	3	3*	PHYS 1010 (3 cr.)
	4-5	5*	PHYS 2010 (4 cr.) + PHYS 2015 (1 cr.)
Psychology	3-5	3	PSY 1010 (3 cr.)
Spanish Literature	3-5	6	6 cr. GS elective
Statistics	3-5	3	MATH 1040 (3 cr.)
U.S. History	3-5	6	HIST 1700 (3 cr.) + 3 cr. SS
World History	3-5	6	HIST 1500 (3 cr.) + HIST 1510 (3 cr.)

* Duplicate credit will not be awarded for the same course (eg. If both AP English exams are passed, ENGL 1010 credit will not be awarded twice).

** For the most current updates, please visit our website at <http://www.slcc.edu/transcriptevaluation>. AP Table available under **FORMS**.

Abbreviation	Description
CR	Credit
GS	General Studies
BS	Biological Science General Education Credit
ELV	Elective
FA	Fine Arts
HU	Humanities General Education Credit
ID	Interdisciplinary General Education Credit
PS	Physical Science General Education Credit
SS	Social Science General Education Credit
V/T	Vocational/Technical

For challenge information, please contact the Assessment Center at (801) 957-4269. Credits earned by challenge examinations do not contribute toward enrollment status for financial aid or veterans' benefits.

Upon successful completion of the examination and other specified requirements, the course will appear on the student's transcript with a 'P' grade. Failed challenge exams will not be recorded on a student's transcript. Credit earned by challenge exam is not counted as in-residence credit.

NOTE: Some colleges and universities may not accept as transfer credit a course in which a passing (P) grade has been earned.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

CLEP is a national program of examination to evaluate and confirm the academic achievement of individuals who have reached a college level of education through either traditional or non-traditional means of study. SLCC awards credit only for the CLEP exams shown in **Table 2: CLEP EXAM CREDIT**. Additional CLEP tests can be taken at SLCC Assessment Centers for the purpose of transferring to other institutions.

Credit is not awarded if duplicated by previous course work and credit is not given for the mathematics general examination. A non-refundable fee (per test) is required at or before the time of testing.

To maximize the granting of credit for foreign language and the transferability of the credit to other (state) institutions, it is strongly suggested that students consider taking the University of Utah or Brigham Young University language exam.

The CLEP test is given by appointment only. For specific information regarding the CLEP test or to make an appointment, contact the Assessment Center at (801) 957-4269.

TABLE 2: CLEP EXAM CREDIT

EXAM	SCORE	CR	COURSES
English Composition with Essay	50	6	ENGL 1010 (3 cr.) + 3 cr. GS elective
Natural Sciences	50	6	3 cr. PS + 3 cr. BS
Humanities	50	6	3 cr. FA + 3 cr. HU
Social Science/History	50	6	HIST 1700 (3 cr.) + 3 cr. SS
Foreign Language	50	10	Language 1010 (5 cr.) + Language 1020 (5 cr.)

GENERAL EDUCATIONAL DEVELOPMENT (GED) EXAMINATION

The GED test is available for students wishing to obtain credit toward a high school or GED diploma. A fee is charged and age requirements do apply. Picture ID required. Call the Redwood Assessment and Testing Center at (801) 957-4269 for further information.

INTERNATIONAL BACCALAUREATE (IB) EXAMINATION CREDIT

Students who achieved scores of 5, 6, or 7 on Higher Level International Baccalaureate (IB) Examinations may be awarded up to eight semester hours of credit in each Higher Level examination or 30 semester hours of credit for the completion of the International Baccalaureate Diploma. General education requirements will be cleared for completion of the IB Diploma except in the areas of writing, American history, and mathematics. These areas can be cleared with a Higher Level exam. For more information about IB credit, call (801) 957-4738.

TRANSFERRING CREDIT

TRANSFER OF CREDIT FROM OTHER INSTITUTIONS TO SLCC

Students may be able to get credit for courses taken from other colleges or universities within the United States. To take advantage of this, a student must apply for admissions as a matriculated (degree seeking) student and then follow these steps:

1. Request that official copies of transcripts be sent directly to SLCC from each former institution. SLCC can accept hand-delivered copies only if they are delivered unopened in the original envelope and bear the official school seal.
2. Fill out a Request for Evaluation of Transfer Credit at Salt Lake Community College's Enrollment Services. These forms (transcript request cards and evaluation request forms) are available at Enrollment Services or on the Web at <http://www.slcc.edu/transcriptevaluation>.
3. An evaluation of the credit will begin as soon as a transcript is received. Evaluations are completed on a first-come, first-served basis. Depending on the volume of requests, a transfer evaluation may take 2–4 weeks to complete.

Enrollment Services evaluates general education credit. If transcripts also contain credit related to a major, Enrollment Services will forward them to the appropriate academic department for fur-

ther evaluation. All credit accepted will be recorded on the SLCC transcript and notification will be sent to the student. Once transfer credit is posted to a student transcript, it cannot be removed.

NOTE: Students wishing to transfer credits from schools **outside** the U.S. should submit a comprehensive report from an accredited **foreign credential evaluation** service. Contact Enrollment Services or International Student Services for a list of foreign credential evaluation services.

SLCC AWARDS TRANSFER CREDIT FOR COLLEGE CLASSES WHICH MEET THE FOLLOWING CRITERIA:

1. Classes were taken for credit at a regionally accredited college or university (exceptions to this rule are sometimes made by specific academic programs for credit applied to a major);
2. Grades in individual classes were C- or higher, except in cases where a grade of C or higher is required at SLCC as a prerequisite;
3. Classes were college level (rather than remedial or developmental; at Utah institutions this usually means numbered 1000 or above);
4. Classes are designated as "general education" by the issuing institution or by SLCC, or meet a requirement for graduation in the student's SLCC program.
5. Courses taken more than 10 years ago may only transfer as elective credit, rather than specific course credit.
6. To be eligible for graduation from SLCC, students must take 25% of required credits directly from Salt Lake Community College.

Courses accepted for transfer will be awarded the same number of credit hours given for equivalent SLCC courses. If SLCC has no equivalent course, the transferred course will be awarded its original number of credit hours (based on a semester system). Transcripts are kept on file at Enrollment Services for one year. After one year, students requesting additional evaluation may be asked to submit new transcripts.

TRANSFER OF CREDIT FROM SLCC TO OTHER INSTITUTIONS

SLCC is accredited by the Commission on Colleges of the Northwest Association of Schools and Colleges (11130 NE 33rd Place, Suite 120, Bellevue, WA 98004), an institutional accrediting body recognized by the Council for Higher Education Accreditation and/or the U.S. Department of Education.

SLCC credit from college level courses (numbered 1000 or above) is accepted by most colleges and universities in the United States. Utah's public colleges and universities have established transfer of credit policies that outline how credit will transfer within the state system. SLCC courses numbered 1000 or above are accepted as general elective, general education or major credit by Utah's public colleges and universities. Most private and out-of-state institutions also accept SLCC courses numbered 1000 and above, however, there may be exceptions; **students should check with the institution to which they plan to transfer to determine exactly how SLCC credit will be accepted.**

SLCC offers the Associate of Science and the Associate of Arts degrees that provide the first two years of college for most baccalaureate degree programs. Students who earn SLCC's AS or AA degree will be considered as having satisfied all of the lower division general education requirements for a bachelor's degree at Utah's public colleges and universities. (This policy does not apply

to the Associate of Applied Science, AAS, or the Associate of Pre-Engineering, APE, because these degrees do not contain all of the general education requirements.)

Students who complete all general education requirements, but not the entire AS or AA degree, will also be considered as having completed the lower division general education requirements for a bachelor's degree by Utah's public colleges and universities. In this instance, students should request a "letter of general education completion" from the SLCC Graduation Office to be sent with their transcripts to the institution to which they intend to transfer.

Students can begin lower division requirements for most baccalaureate majors at SLCC. SLCC offers the AS and AA degree in more than 30 different program areas. Many major courses have been "articulated" or equated to similar courses at the four-year institutions in Utah. Students should consult an advisor or the academic department to select appropriate courses that apply to their major program or study at the institution to which they plan to transfer.

Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA. On-going planning is essential!

Most of the private institutions in Utah, including BYU, Columbia College of Missouri, Westminster College, and University of Phoenix have similar policies regarding the transfer of SLCC credits. However, there are a few exceptions that should be reviewed with an advisor **before** enrolling in courses.

NOTE: Some programs such as business and engineering have particular general education requirements that should be investigated before selecting general education courses.

TRANSFER AND ARTICULATION AGREEMENTS

SLCC has established specific transfer and articulation agreements with the following Utah System of Higher Education (USHE) institutions and a variety of other private, public, and out-of-state institutions.

These agreements outline how general education and major-related courses transfer from SLCC to the following institutions:

UTAH SYSTEM OF HIGHER EDUCATION INSTITUTIONS

DIXIE STATE COLLEGE
SOUTHERN UTAH UNIVERSITY
UNIVERSITY OF UTAH
UTAH STATE UNIVERSITY
UTAH VALLEY STATE COLLEGE
WEBER STATE UNIVERSITY

PRIVATE AND OUT-OF-STATE SCHOOLS

BRIGHAM YOUNG UNIVERSITY
BYU HAWAII
BYU IDAHO
BROOKS INSTITUTE OF PHOTOGRAPHY
CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
COLUMBIA COLLEGE OF MISSOURI

FRANKLIN UNIVERSITY (VIA INTERNET)
PALMER COLLEGE OF CHIROPRACTIC
UNIVERSITY OF PHOENIX
WESTMINSTER COLLEGE
WESTERN GOVERNORS UNIVERSITY
WESTERN STATES COLLEGE OF CHIROPRACTIC

SLCC continues to investigate articulation agreements with other higher education institutions. For information about articulations, contact an Academic Advisor in the Academic Advising office - (801) 957-4978.

SLCC also facilitates a number of four-year degree and Masters programs on SLCC campuses. For more information about these programs, see University Center in the **Services and Resources for Students** section of this catalog.

TRANSFER TIPS

Start early to plan your transfer!

Meet with your SLCC Academic Advisor...

to explore transfer interests and select courses that meet major requirements for the baccalaureate degree at the four-year institution.

Undecided? Visit the Career Library...

to explore major and career interests. Use the web to investigate other colleges and universities. Attend a Career Clues workshop and the Career/Major Fair.

Contact Advising...

and the academic department at the college or university to which transfer is planned; obtain application material, deadlines and major requirements.

Attend transfer activities...

scheduled by SLCC's Academic and Career Advising every semester which include college information tables, transfer workshops, major orientations, and campus visits. Transfer events are publicized in MyPage announcements.

Use articulation agreements,

major sheets and catalogs at the Advising Office (and on the web) to plan course selection and transfer timeline.

Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

When transferring out of state...

get in touch with the colleges or universities to find out about their transfer of credit policies. Although SLCC's college level credits will typically be accepted by most out-of-state institutions, there is no guarantee that they will meet specific general education or major requirements. Students are advised to keep the syllabus from each SLCC course for possible review of credit by an out-of-state school.

GRADES AND REPORTS

Grades for the previous term are available approximately 5 days after the term has ended by logging-in to **MyPage**, <http://mypage.slcc.edu>. Select the "**Student**" tab and follow the instructions to retrieve grades.

GRADING POLICIES

Students must complete, by the end of the term, all courses for which they register. Students will be awarded letter grades with quality points used in GPA computation for work undertaken at SLCC.

PERFORMANCE IS GRADED AS FOLLOWS:

GRADE	PTS.	QUALITY
A	4.0	SUPERIOR GRADE
A-	3.7	
B+	3.4	
B	3.0	
B-	2.7	ABOVE AVERAGE GRADE
C+	2.4	
C	2.0	
C-	1.7*	
D+	1.4	AVERAGE GRADE
D	1.0	
D-	0.7	
E	0.0**	
		LOWEST PASSING GRADE
		FAILING GRADE

* C- or lower is unacceptable in classes requiring a grade of C or better.

** All E grades are designated with the last date of attendance.

NOT USED IN GPA COMPUTATION ARE:

GRADE	DESIGNATION
W	WITHDRAWAL ¹
P	PASSING GRADE
I	INCOMPLETE GRADE ²
AU	AUDIT
EX	EXTENSION ³

¹ Withdrawal from class after the third week of the semester or 20% of the term. Not calculated in GPA.

² The following conditions apply to incomplete (I) grades:

- Incomplete grades may be given by instructors to students who cannot continue in class because of circumstances beyond their control (such as serious illness, death in the family, or change of employment) with proper documentation;
- Student must be passing the course at the time of incomplete grade request;
- A substantial portion of a course must be completed before an incomplete is given;
- Upon receiving an 'I' grade, the student must work directly with the instructor to create a contract for completing the classwork. The contract should specify (a) required work to be completed and/or tests to be taken, and (b) time allowed for requirements to be completed; time may not exceed one year from the time the 'I' grade was received.
- Student should **not** re-register for the class, but should work directly with the instructor to complete the contract.
- The student who fails to fulfill the contract within one year of when the 'I' was received will (a) have their 'I' grade changed to the grade of 'E' (failing), and (b) be required to retake the class in order to receive credit. An incomplete must be resolved before the student will be permitted to register for the same course again.

³ EX grades are allowed only in open-entry classes. In order to complete the course, the student must reregister for the class and

pay applicable tuition and fees. All coursework for 'EX' grades must be completed within one year.

REPEAT COURSES

A student may repeat a course in which a low grade has been received. The student must notify Enrollment Services at the end of the term in which the class was repeated. The original grade remains on the record and is marked as a repeated course. The highest grade received in the course will then be used in calculating the student's cumulative GPA. Classes repeated at other institutions **may** be marked as repeated classes if the classes taken elsewhere are accepted as transfer credit at SLCC.

SKILLS CENTER COMPETENCY GRADING

Grades for Skills Center courses and programs are based on competency achievement according to the following skill levels:

- 4 SKILLED**
Works independently with minimal supervision
- 3 MODERATELY SKILLED**
Performs job with limited supervision
- 2 LIMITED SKILL**
Requires instruction and close supervision
- 1 NO SKILL**
No experience, skill, or knowledge

Skills Center transcripts list the skill level for each competency and an overall competency level for the course. See the Skills Center section of this catalog for the Skills Center Satisfactory Progress Policy.

ACADEMIC STANDARDS POLICY

The SLCC Academic Standards Policy exists to help students reach their academic potential and maintain an expected level of academic performance at the institution. The Academic and Career Advisors and faculty members are available to review the obstacles in your education and recommend strategies for success. If you would like to learn about the resources available for you, please set up an appointment with an Advisor by calling (801) 957-4978 and/or visit our web page: <http://www.slcc.edu/academicstandards/index.asp>.

The following are the guidelines in place to assist students in academic jeopardy:

- 1. Academic Notification** - Students whose term grade point average (GPA) falls below a 2.0 while their cumulative GPA is 2.0 or higher will be put on Academic Notification. Students will be notified by email of their status, encouraged to read the Academic Standards Policy, made aware of the learning support and tutoring resources available at SLCC.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.
- 2. Academic Alert** - Students with 14 or less credits whose term and cumulative GPA fall below 2.0 will be placed on Academic Alert. Students will be notified by email and online of their status, encouraged to read the Academic Standards Policy, made aware of the learning support and tutoring resources available at SLCC.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

3. Academic Warning - Students with 15 or more credits whose term and cumulative GPA fall below 2.0 for the first time will be placed on Academic Warning. Students will be notified by mail and email that they have been placed on Academic Warning. Registration restrictions will be placed on these students' records. Students will not be able to register until they meet with an academic advisor, or complete a workshop when available online or on campus.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

4. Continued Warning - After being placed on Academic Warning, students whose subsequent term GPA rises above a 2.0 while their cumulative GPA is still below a 2.0 will be on Continued Warning. No registration restriction will be placed on their record. These students will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

5. Conditional Enrollment - The second time that students' term and cumulative GPA fall below a 2.0, with 15 or more credits; they will be placed on Conditional Enrollment. Students will be notified by mail and email that they have been placed on Conditional Enrollment. Registration restrictions will be placed on these students' records. Students will not be able to register until they meet with an academic advisor in order to create a follow-up plan, identify obstacles and discuss strategies to assist them with their academic success.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

6. Continued Conditional Enrollment - After being on Conditional Enrollment, students' whose subsequent term GPA rises above 2.0 or above while their cumulative GPA is still below a 2.0 will be on Continued Conditional Enrollment.

No registration restriction will be placed on their record. They will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

7. Academic Probation - The third time that students' term and cumulative GPA fall below a 2.0 they will be placed on Academic Probation. Students will be notified by mail and email that they have been placed on Academic Probation. Registration restrictions will be placed on these students' records. Students will not be able to register until they complete an appeal process. They will need to fill out an appeal form with their academic advisor. The appeal form will include their name, address, proposed class schedule and proposed work schedule. Students will also need to write a statement indicating what they will change in order to ensure academic success.

The Academic Success Committee will review all appeals. The Committee will consist of the Academic Standards Advisor, the student's advisor, and a faculty member. The Committee

will determine the conditions of attendance (i.e. restricted hours, class requirements, term suspension, etc.).

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

8. Continued Probation - Should students' subsequent term GPA rise above a 2.0 while their cumulative GPA is still below a 2.0, they will be on Continued Probation. No registration restriction will be placed on their record. They will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

The academic standing of students will be posted on-line to their SLCC unofficial academic transcript. It will not appear on the official transcript.

PRESIDENT'S LIST, DEAN'S LIST AND HONORS GRADUATES

To qualify for the semester Dean's List, students must earn a 3.5 grade-point average in 15 or more credits. To qualify for the semester President's list, students must earn a 3.8 GPA in 15 or more credits. Students who complete coursework with a cumulative grade-point average between 3.5 and 3.79 will be awarded Honors at graduation. Students who complete coursework with a cumulative grade-point average of 3.8 or above will be awarded High Honors at graduation.

TUITION AND FEES

Important deadlines for undergraduate (UG) registration and payment of undergraduate (UG) tuition/fees will be published each semester in Class Schedules. Tuition and fees rates for the 2007-2008 academic year are as follows:

2007-2008 TUITION AND FEES

CREDIT HOURS	RESIDENT TUITION/FEES	NON-RESIDENT TUITION/FEES	APPRENTICESHIPS TUITION/FEES BY CLASS
1	\$218.00	\$530.00	\$102.00
2	\$315.25	\$845.25	\$145.50
3	\$412.50	\$1,160.50	\$189.00
4	\$509.75	\$1,475.75	\$232.50
5	\$607.00	\$1,791.00	\$276.00
6	\$704.25	\$2,106.25	\$319.50
7	\$801.50	\$2,421.50	\$363.00
8	\$898.75	\$2,736.75	\$406.50
9	\$996.00	\$3,052.00	\$450.00
10	\$1,093.25	\$3,367.25	\$493.50
11	\$1,180.25	\$3,672.25	\$537.00
12-18	\$1,267.25	\$3,977.25	\$580.50
19	\$1,354.25	\$4,282.25	\$624.00
20	\$1,441.25	\$4,587.25	\$667.50
21	\$1,528.25	\$4,892.25	\$711.00

Approval for more than 20 credit hours must be obtained from the appropriate division chairperson. Each credit hour in excess of 21 is charged an additional tuition rate of \$87.00 per resident credit hour, \$305.00 per non-resident credit hour, and \$43.50 per apprenticeship credit hour. For summer term only, all undergraduate (UG) students are charged tuition at the resident tuition rate regardless of residency status.

NOTES:

- A \$50 Late Payment Fee will be charged to all student accounts with unpaid Tuition and Fees.
- A \$50 Late Fee is charged after the last day to drop with 100% refund.
- Some courses will have laboratory or special fees attached. See current class schedule for specific information.
- International students are charged an additional \$40 administrative fee per term.

SKILLS CENTER COSTS AND FEES

For Utah residents, costs for most Skills Center courses and programs are \$2.25 per clock hour of instruction, which includes student fees. Books and supplies are separate and are subject to change.

See a Skills Center Admissions Advisor for total program costs or the Skills Center section of this catalog.

RESIDENT FEES**DISCLOSURE OF HIGHER EDUCATION COST AS PER THE PROVISIONS OF HOUSE BILL 248**

The Utah Legislature passed HB 248 which requires the disclosure of Higher Education costs. Full-time undergraduate resident students at Salt Lake Community College paying a semester tuition and fee amount of \$1,267.25 contribute an estimated 40% to the full cost of instruction per full-time student of \$3,160.00. The remaining support for the full cost of instruction is provided by \$1,892.75 of state tax funds and \$0 of other institutional revenue sources.

NON-RESIDENT FEES

Non-residents of Utah are required to pay non-resident fees. Living in Utah merely to attend SLCC does not constitute resident classification. To qualify as a resident, an adult must present objective evidence of intent to become a permanent resident of Utah and abandon residence elsewhere.

The Utah Legislature passed HB 144, November 2002, which amends the Tuition Waiver Policy. The revised policy exempts certain students without lawful immigration status from paying the non-resident portion of total tuition. To be eligible for exemption, the student must meet specified requirements including having attended a Utah High School for three years and having earned a diploma or equivalent in Utah.

An Application for Resident Classification and a pamphlet outlining the rules and regulations that determine resident status are available from Enrollment Services offices or online at <http://www.slcc.edu/enrollmentservices/services.misc/ResidencySub.asp>.

At the time application for admission is made, students are classified as either resident or non-resident. Under certain circumstances, classification as non-resident may be appealed. For more information about the appeal process, call Enrollment Services at (801) 957-4298.

PAYMENT OF TUITION AND FEES

Tuition and student fees are established by the Utah State Board of Regents and are subject to change without notice. Twelve credit hours per semester constitute a full load for tuition purposes. Registration is complete only when tuition and fees are paid in full.

**TUITION IS DUE
AT THE BEGINNING OF EACH SEMESTER**

Payment must be received by deadlines published in the class schedule to avoid the **\$50 Late Fee**. Students may review their accounts at any time online at mypage.slcc.edu. Monthly billing statements are mailed, or may be sent electronically to students SLCC email address.

NOTE: SLCC reserves the right to place financial holds on registration, grades, transcripts, and graduation for any student owing the College money or who has had a check dishonored. Students may not register if money is owed.

CHECK/SAVING ACCOUNT PAYMENTS

SLCC accepts bank-imprinted checks only, no two-party or counter checks. Checks must be RECEIVED in a Cashiering Office by payment deadline. Checks should be written for exact amount due and include student's Social Security number or College ID number on the front of check. A minimum \$20 service fee is charged on all returned checks (see **DISHONORED CHECKS** below).

- **ONLINE**

- Log onto MyPage
- Click on **STUDENT** tab
- Scroll to **STUDENT ACCOUNT/WEB PAYMENT PORTAL**
- Click on **PAY BY CHECK**
- Select **TERM/SUBMIT**
- Proceed as instructed

- **MAIL**

SALT LAKE COMMUNITY COLLEGE
CASHIER SERVICES
P.O. BOX 30808
SALT LAKE CITY, UT 84130-0808

- **DROPBOX**

Tuition Drop boxes are available at Redwood Road, South City, Jordan, Miller, and Sandy Campuses. No cash.

- **IN PERSON**

Cashier offices are located at Redwood, South City, Jordan, Miller, and Sandy Campuses. Pay tuition and fees for admission applications, transcripts, and graduation applications at any Cashier window during posted hours. Extended hours for services are available at Cashier Express Monday through Thursday until 8:00 p.m. Cashier Express is located on the second level of the Student Center at the Redwood Campus.

CREDIT/DEBIT CARD PAYMENTS

SLCC accepts Visa and Visa Debit card, Mastercard, Mastercard Debit card, Discover and American Express.

Verify the accuracy of the tuition and fees charges on your student account through the Internet at MyPage, <http://mypage.slcc.edu>.

- **ONLINE**

- Log onto MyPage
- Click on **STUDENT** tab
- Scroll to **STUDENT ACCOUNT/WEB PAYMENT PORTAL**
- Click on **PAY BY CREDIT CARD**
- Select **TERM/SUBMIT**
- Proceed as instructed

- **TELEPHONE**

Call a cashier at Tuition Express (801) 957-4459 with a credit or Debit/Credit card Monday through Friday, 8 a.m. until 4:30 p.m.

Credit card payments can also be made in-person at any Cashier Office. To be valid, all credit cards must be signed when presented in person.

CASH PAYMENTS

Cash payments must be made in person at any Cashier Office. **DO NOT** mail or use drop boxes for CASH payments.

INSTALLMENT PLAN

Students who need more time to pay their tuition in full should consider signing up for the Semester Tuition Installment Loan (STIL) which requires a non-refundable \$30.00 application fee. After the application and first installment, additional installments are due by the 10th of the month. There are four installments for Spring Semester (January, February, March and April), three installments for Summer Semester (May, June, July), and four installments for Fall Semester (August, September, October, November). Instructions and applications are available online at MyPage.slcc.edu and at cashier locations.

SPONSORED STUDENTS

Students whose tuition and fees are to be paid by another organization or agency (other than Financial Aid awards) will have their vouchers processed by the Accounts Receivable Office. Vouchers may be faxed to 957-5747. Sponsored students are responsible for coordinating that their account is paid in full prior to the tuition due date. Verification can be made by going to MyPage or visiting a cashier location. Late fees may be applied to accounts with unpaid tuition balances.

FINANCIAL AID PAYMENTS

Classes are automatically held if students have been offered Financial Aid awards. Classes cannot be held for Financial Aid applicants who have not been offered an award. A pending Financial Aid award, does not remove a student's obligation to pay tuition and fees by the published deadline. Financial Aid awards that are insufficient to cover tuition and fees may result in an unpaid balance on the student account. Late Fees may apply.

DISHONORED CHECKS

Dishonored checks are paid at the Cashier Offices. Students are charged a minimum \$20.00 fee per check for checks paid within 15 days. After 15 days, fees are increased. If tuition remains unpaid due to a dishonored check, a \$50.00 Late Fee may be added to a student account in addition to other fees. A HOLD is placed on the student's records, which can only be removed by the Student Loans and Receivables Department. The student will **not** be entitled: 1) to receive an official copy of grades, transcripts or diplomas; or 2) to pick up checks disbursed by SLCC—which may include but is not limited to tuition refunds and payroll checks—until the amount due has been paid to the College or otherwise satisfied. Collection of dishonored checks may involve legal prosecution and recovery of legal costs if necessary.

Checks will not be accepted from students who have not resolved dishonored checks on their accounts. Students who have settled past dishonored checks may have check privileges reinstated, unless they have three or more dishonored checks.

COLLECTION POLICY

SLCC pursues all financial obligations to the fullest extent of the law. This includes but is not limited to: HOLDS on registration, transcripts, grades, and graduation; liens against State of Utah tax

refunds; referrals to collection agencies; and litigation. Any fee or financial obligation, if not paid when due, is subject to interest, collection and/or attorney fees.

DROPS/WITHDRAWALS

If a student decides not to remain enrolled in a class, it is the student's responsibility to remove himself/herself from the class. Failure to officially drop classes not attended will result in failing grades and tuition due the College. Failure to officially drop may lead to enforcement of the college collection policy (see above.)

STUDENTS ARE REQUIRED TO PAY FOR ALL CLASSES THAT THEY DO NOT OFFICIALLY DROP

If the student chooses to drop a class after the last published date to drop, the action is considered a 'withdrawal' and no adjustment of tuition will be made.

If the student chooses to drop a class on or before the last published date to drop, the action is considered a 'drop' and the student is entitled to an adjustment or refund of tuition:

1. When a student officially drops classes, adjustments are based on the drop date regardless of class attendance. Refunds/adjustments for students, who were awarded Financial Aid, will go to Title IV federal programs first (Pell, Stafford, Perkins, SEOG).
2. Application fees are non-refundable.
3. STIL fees are non-refundable.

REFUNDS

Cashier Services begins processing of refund after the last day to drop classes for each term. If a student paid for tuition by cash or check, refunds are deposited electronically to student's bank account if student is enrolled in direct deposit. Refund checks are mailed to the student's local address. Students are responsible for maintaining a current address with Salt Lake Community College. Contact the Data Center at (801) 957-4209 or (801) 957-4283 to make address changes.

If the payment was by credit card, the refund will be credited back to the payee's credit card account.

Refund/adjustment schedule for classes that follow regular semester beginning and ending dates:

SKILLS CENTER WITHDRAWAL/REFUNDS

For information on withdrawing and refunds for Skills Center courses and programs, see the Skills Center section of this catalog.

REFUND/ADJUSTMENT PERIOD	PERCENT ADJUSTMENT
Through 21st calendar day of semester	100%
After 21st calendar day	No Refund/Adjustment

Adjustment schedule for classes with beginning or ending dates that do not correspond with regular semester beginning or ending dates:

REFUND/ADJUSTMENT PERIOD	PERCENT ADJUSTMENT
Through 20 percent of class taught	100%
Over 20 percent of class taught	No Refund/Adjustment

NOTE: Appeals regarding the adjustment of tuition and fees should be made in writing to Enrollment Services.

SHOP CARDS ARE NON-REFUNDABLE.

FINANCIAL AID AND SCHOLARSHIPS

Financial aid applications are available online at <http://www.slcc.edu/financialaid> and from Student Services at Redwood Road, South City, Jordan Campus and Sandy Center.

Please be aware that not all programs offered at SLCC are eligible for financial aid. Please check with the Financial Aid Office to determine if your program is eligible.

OVERVIEW

All students are encouraged to apply for financial aid. Many students are surprised to discover they are eligible for some type of financial assistance. Students should apply as early as possible for financial aid as the process can take several weeks to complete. The application process for financial aid can be started before applying for admission, but financial aid is only awarded to admitted students.

Students typically receive one or more of the following types of aid:

FEDERAL AND STATE AID

Federal and state aid programs are need-based and are given to students who have a demonstrated need for funds to pay for college-related costs (including housing, food, tuition, etc.). When the student and his/her family have available resources which are estimated to be less than these educational costs, financial aid may be awarded to fill the gap, which is referred to as unmet need.

The determination of unmet need is made based on the results of the Free Application for Federal Student Aid (FAFSA). A paper version of the FAFSA is available at the Financial Aid Office as well as most high school counseling centers after January 1 each year or the form can be completed on the web at <http://www.fafsa.ed.gov>. Although the form is available January 1, it is best to wait until income tax forms for the previous year have been completed, since some questions on the FAFSA require income and tax information from the tax forms.

MERIT-BASED AID (SCHOLARSHIPS AND TUITION WAIVERS)

A number of College-sponsored and private scholarships are available each year. Applications for these are available at the SLCC Financial Aid Office early each year—usually in January—for the next academic year. Many of the College scholarships are tuition waivers; these are not cash scholarships, but students who receive them can have their tuition charges (not fees) waived. Students usually need to enroll for at least nine credit hours per semester to be eligible for tuition waivers. There are several different kinds of waivers. Some are awarded on merit alone, while others are given to students based on both merit and need. Some require full-time (12 credit hours or more) enrollment.

Scholarships donated by private donors or organizations award money which can be used to pay tuition. Students should fill out applications for any of the scholarships for which they might be eligible.

OTHER SOURCES

Want to look for other scholarship possibilities? Check out websites for listings of scholarships available from numerous national and international sources. One of the best is <http://www.fastweb.com>—the best part: it's FREE! Scholarship search organizations that charge a fee for supplying scholarship information may or may not be helpful, so we recommend students try all the free sources first.

MAJOR TYPES OF FINANCIAL ASSISTANCE

GRANTS

Grants are gifts of money which do not have to be repaid. Students must show a significant amount of financial need to qualify for grants and also must maintain satisfactory academic progress. The five major grants awarded by SLCC follow:

1. FEDERAL PELL GRANT

Available to undergraduate students with financial need.

AMOUNT: Ranges from \$400 to \$4,310 depending on degree of need, cost of education and congressional funding level.

2. FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

Available to undergraduate students with financial need who are Pell eligible. Limited to those with highest need.

AMOUNT: Range is \$100 to \$800, dependent upon funds available and degree of need.

3. LEVERAGING EDUCATIONAL ASSISTANCE PARTNERSHIP PROGRAM (LEAP)

Available to Utah resident undergraduates who demonstrate financial need.

AMOUNT: \$100 to \$800, dependent upon funds available and degree of need.

4. UTAH EDUCATIONALLY DISADVANTAGED GRANT (UEG)

Available to Utah resident undergraduates who demonstrate exceptional financial need and are educationally disadvantaged. Funding provided by the state.

AMOUNT: Range is \$100 to \$800, dependent upon funds available and degree of need.

5. UTAH CENTENNIAL OPPORTUNITY PROGRAM FOR EDUCATION (UCOPE)

Available to Utah residents demonstrating financial need. Funding contingent on Utah Legislature.

AMOUNT: \$100 to \$800 dependent upon need and funds available.

LOANS

Federal (Title IV) loan programs assist students with their educational expenses now and are repaid when the student is no longer attending or enrolled at least half-time (minimum of 6 credit hours). The College participates in three federal loan programs: the Federal Perkins Loan; the Federal Stafford Student Loan; and the Federal PLUS program for parents of dependent students. In addition to these federal programs, SLCC provides a short-term emergency loan fund. By institutional policy, loans are not awarded retroactively.

1. FEDERAL PERKINS LOAN

Available to students with demonstrated financial need.

AMOUNT: Maximum of \$8,000 at SLCC and maximum annual limit of \$4,000.

REPAYMENT: Under certain conditions, repayment may be deferred or partially/fully canceled. The Collections Office will supply details to all borrowers or other interested students. Repayment begins nine months after leaving school or dropping to less than half-time status. The minimum repayment is \$40 per month. Payments may be higher depending

upon total amount borrowed. The maximum time allowed for repayment is 10 years, not counting periods of deferment. The interest rate on Perkins Loans is fixed at 5%. Perkins borrowers must have an annual loan counseling interview and an exit conference to receive these loans and must request loans through a separate institutional loan request.

2. FEDERAL STAFFORD STUDENT LOAN (SUBSIDIZED)

Available to students with demonstrated financial need. Provided by lending institutions, such as banks or credit unions and guaranteed by the federal government.

AMOUNT: For students who have completed the first 30 hours of their academic program, the maximum that can be borrowed is \$3,500 per year. Students who have successfully completed 31 or more hours of their academic program may borrow up to \$5,500 during a subsequent year. The increased borrowing limit for a subsequent year applies ONLY if the remaining portion of the student's program is one year or more. The lifetime borrowing limit for an undergraduate is \$23,000. As a rule, loans must be prorated if the remaining portion of a student's program is less than one academic year.

REPAYMENT: Begins six months after leaving school or dropping below half-time. Under certain conditions, repayment may be deferred by the lender. The lending institution or the loan servicer will supply details. Minimum monthly payments are \$50 per month and may be higher depending upon total amount borrowed. The maximum repayment period is 10 years, not counting periods of deferment or forbearance. Deferment and forbearance information is available from the lender or the loan servicer. The interest on subsidized Federal Stafford Loans is paid by the government until the borrower leaves school or drops below half-time enrollment. The interest rate is based on the bond equivalent rate of the 91-day Treasury Bill rate established on the preceding June, but may change after July 1, 2007. First-time Federal Stafford Loan borrowers must complete a computerized loan debt counseling session before receiving their first disbursement. Students must complete an exit interview before the end of their loan period or at any time they drop below half-time enrollment. Students with a prior Stafford Loan at SLCC may have their funds released if satisfactory academic progress has been verified and the students are enrolled for the correct number of credit hours.

NOTE: New borrowers may qualify for partial repayment of Federal Stafford Loans in return for certain types of teaching or health services. Contact lender for further information.

3. FEDERAL STAFFORD LOAN (UNSUBSIDIZED)

Available to students whose cost of education exceeds all financial aid received or whose financial need may be less than the cost of education. Students must be considered for a subsidized Stafford before eligibility for an unsubsidized loan is determined. Provided by lending institutions such as banks or credit unions.

AMOUNT: May not exceed cost of education less other aid. The maximum annual amount is \$3,500 or \$5,500, depending upon number of hours completed. (See information under subsidized loan.)

An additional unsubsidized loan of up to \$4,000 may also be available. Additional requirements apply and students must complete a separate application, collect documentation and meet with a financial aid advisor.

REPAYMENT: Begins six months after leaving school or dropping below half-time. Under certain conditions, repayment may be deferred by the lender. The lending institution or the loan servicer will supply details.

The interest rate on an unsubsidized Stafford Loan is variable, based on Treasury Bill rates plus 2.77%, but currently may not exceed 8.25%. The government does not pay the interest on an unsubsidized Stafford Loan. It may be accrued and capitalized or students may pay it while in school.

4. FEDERAL PLUS LOAN

Available to parents of a dependent student. Provided by lending institutions, such as banks or credit unions.

NOTE: Lenders will require a credit check for prospective PLUS borrowers. PLUS disbursement checks will be made copayable to parent(s) and SLCC. Parental endorsement must be obtained before SLCC endorsement and subsequent disbursement can be made.

AMOUNT: May not exceed cost of education less other estimated financial assistance.

REPAYMENT: Begins 60 days after disbursement. Deferment may be granted under certain circumstances. The lender can supply information on deferments. Interest rate on a PLUS is variable, based on the 52-week Treasury Bill rate plus 3.1%, currently capped at 9%. Interest on PLUS is not paid by the government and rate is subject to congressional revision.

5. SHORT-TERM BOOK LOANS

Available to students who have completed at least 12 credit hours at SLCC and have a cumulative GPA of 2.0 or higher. Short-Term Book Loans are provided by Salt Lake Community College.

AMOUNT: Maximum amount \$500 per year to cover emergency expenses only.

REPAYMENT: An emergency loan must be repaid by the end of the term in which it is made. A \$10 service charge is added to the amount borrowed.

PART-TIME WORK

Many part-time student jobs are awarded through the Federal College Work-Study program, which requires establishing financial need through FAFSA. Work opportunities are scheduled around eligible students' class schedules. Pay scales are based on hourly rates (at least minimum wage) and may vary depending upon the job. Students are awarded a specific dollar amount and may work until total salary paid equals that amount. Most students work 10–20 hours per week.

Part-time off-campus jobs which do not require financial aid eligibility are available within the community. Contact the Student Employment Office for more information.

TUITION WAIVERS

SLCC maintains a tuition-waiver program, which waives tuition (not fees) for eligible students enrolled at least (9 to 18 hours) in a number of academic programs. Most waivers are granted for two semesters; **summer term waivers require a separate application.** Waivers are not transferable and may not be used for continuing education classes. A tuition waiver is credited to the student's tuition charges and no cash disbursement is made. Types of tuition waivers follow.

NOTE: Students whose disabilities preclude 3/4 time (9 hours) enrollment can be considered for part-time tuition waivers.

HONORS AT ENTRANCE

Available to new students entering from Utah high schools. Applicants must have at least a 3.5 high school grade-point average (GPA) to apply. Application deadline is March 1.

PRESIDENTIAL LEADERSHIP

Awarded to new students who have been active in school and/or community activities. Students awarded a Presidential Leadership waiver are required to be involved with SLCC student organizations and participate in a weekly leadership training during their freshman year. Application deadline is March 1.

DEAN'S DEPARTMENTAL (NEW STUDENT)

Available to students who can demonstrate skill, experience, related coursework and motivation in the area of their anticipated major. Award decisions are made by the academic department in which the student plans to enroll. Application deadline is March 1.

DEAN'S DEPARTMENTAL (CONTINUING STUDENT)

Granted by academic departments to continuing students, based on demonstrated skill, experience and motivation in the major area of study. Application deadline is May 1.

PEER LEADERSHIP PROGRAM

Available to students from ethnic and cultural backgrounds to enrich their leadership skills and college educational experience and interaction with campus.

DIVERSITY CASH AWARD

This award is designed to increase diversity on campus to enrich the educational experience of all students. Selection is based on grade-point average, ethnic background, letters of recommendation and activities. Recipients of this waiver must participate in peer leadership program and/or other student organizations related to diversity. Submission deadline varies by term.

DIVERSITY (CONTINUING STUDENT)

This award is designed to increase diversity on campus to enrich the educational experience of all students. Selection is based on GPA, ethnic background, letters of recommendation and activities. Recipients of this waiver must participate in peer leadership program and/or other student organizations related to diversity. Application deadline is April 1.

PERFORMING ARTS

Awarded by the SLCC Division of Fine Arts in the areas of theatre, music and dance. These are performance tuition waivers which are awarded on the basis of auditions and previous performance experience; participation in performing arts at SLCC is a requirement. Application deadline is March 1.

CONTINUING STUDENT

Students must have at least a 3.5 GPA to apply. Awards are based on a weighted cumulative GPA and total earned College credit hours. Application deadline is May 1.

NOTE: Students should be aware that a 3.5 GPA is required, but may not be high enough to earn this type of waiver.

NEED-BASED

Available to students with exceptional circumstances of need. There is no application deadline, but these are subject to availability of waiver funds. Students must first consult with a SLCC Financial Aid Advisor.

SPECIAL TUITION WAIVERS

Some waivers are available through campus organizations, which meet criteria for participation in campus, civic and community activities. Athletic waiver recipients are designated by the Athletic Department. Applications are available from the Athletic Department (Redwood Campus, LAC 20).

NON-RESIDENT

Available to outstanding non-Utah resident students. Applications considered throughout the year. This waiver covers the resident tuition amount only, while others cover 1/2 of the non-resident tuition differential.

SUMMER TERM WAIVERS

Available to continuing students with at least a 3.5 GPA for summer term only. Awards are based on weighted cumulative GPA and total earned College credit hours. Application deadline is April 1.

SCHOLARSHIPS

Scholarships provided by SLCC or by private donors are awarded on the basis of superior achievement and promise of future excellence. Financial need also is a criterion for some scholarship awards. Policy for the recipient's selection is made by a committee composed of faculty, staff and student representatives or may be established by the donor. Application forms for all scholarships are available from the Financial Aid Office or online at <http://www.slcc.edu/financialaid>.

NOTE: Scholarship funds may be available during the school year. Please visit the Financial Aid page at <http://www.slcc.edu/financialaid> for availability.

GENERAL SCHOLARSHIP FUND

SLCC scholarships are made available through a number of endowment and annual scholarship donations. A student may be awarded only one of these scholarships, which are based on a combination of need and merit each year. Awards range from \$70 to the total amount of tuition & fees per semester. Applications are available in early spring at the Financial Aid Office or online at <http://www.slcc.edu/financialaid>. Application deadline is April 1 for the following August.

Private or state scholarships vary in availability from year to year. Special applications may be required and deadlines for submission vary. Students should contact the Financial Aid Office for information on other scholarship funds, which may have been donated to the College. Applications are available at <http://www.slcc.edu/financialaid>. The following briefly describes some typical sources:

FOUNDATION SCHOLARS

Awarded to freshman students with outstanding academic achievement in high school (minimum GPA of 3.8), with consideration also given to leadership, community service, honors and awards. Scholarship covers tuition and fees plus \$700 per year; renewable for a second year if recipient maintains a 3.70 GPA in full-time enrollment. Application deadline is March 1.

TERREL H. BELL LOAN INCENTIVE PROGRAM

State-funded program providing funds for tuition and fees for students pursuing certification to teach in Utah. Funding must be repaid either through teaching in Utah schools or in cash. Application deadline is March 31. May not be available each year.

SCHOLARSHIPS FOR BLIND STUDENTS

Available through both the Utah Council for the Blind and the National Federation of the Blind.

STERLING SCHOLARSHIPS

Tuition only waivers (fees not included) to Sterling Scholar Award recipients at the regional or state level only.

GOVERNOR'S APPLIED TECHNOLOGY SCHOLARSHIPS

Tuition waivers awarded to winners of the Governor's applied technology program.

DETERMINING NEED

A student's financial need is the difference between the cost of attendance at SLCC and the expected family contribution.

LEVEL OF NEED = BUDGET MINUS RESOURCES

A number of federal, state and private sources of assistance are available to eligible students who demonstrate financial need. (Some scholarships and waivers based on merit and achievement are also available.) Aid is available to eligible students enrolled in eligible study abroad programs.

In receiving financial aid, students and their families are expected to assume some responsibility for meeting the cost of education. The expected contribution from the student and family is determined by income, assets, number of dependents and other relevant information. Most financial assistance is awarded when costs of attending SLCC are greater than the ability to pay. To determine this, the College uses the guidelines established by the U.S. Department of Education.

Students may obtain information from the Financial Aid Office at the Redwood, South City, Jordan or Sandy locations.

APPLYING FOR FINANCIAL AID

APPLICATION PROCESS

To apply for financial aid, students must:

1. Complete the Free Application for Federal Student Aid (FAFSA), school code 005220, and send it to the processor. The FAFSA is available at the Financial Aid Office and most high school counseling offices or may be submitted via Internet at <http://www.fafsa.ed.gov>.
2. Complete the College Financial Aid Personal Information Form and submit it to the Financial Aid Office. To be considered for a Federal Stafford or Perkins Loan, students must complete an additional Loan Application available from the Financial Aid Office.
3. Submit further documentation if verification is required by the Financial Aid Office. This may include copies of income tax returns, W-2 forms or proof of untaxed income.
4. Complete the admissions process to become a matriculated student in an eligible program at SLCC. Entering students who need financial aid must be enrolled in an eligible program and all of the matriculation requirements must have been met.
5. Have earned a high school diploma, a GED or a passing grade on an ability to benefit test.

APPLICATION PRIORITY DATES

Once students have completed an application for financial aid, it may take up to three months to process applications and notify students. The Financial Aid Office has established the following priority dates for students entering each semester:

FALL SEMESTER	APRIL 1
SPRING SEMESTER	SEPTEMBER 1
SUMMER TERM	MARCH 1

NOTE: Priority consideration will be given to students who have completed applications by these deadlines. Applications submitted after the priority dates will be processed as time allows and in the order received. Only one application is necessary for the Fall and Spring semesters; a separate application will be required for Summer term.

WHAT HAPPENS AFTER APPLICATION?

Once the FAFSA results are received in the Financial Aid Office, students will be contacted to provide any other information needed. When the student file is complete, it will be reviewed and processed by the Financial Aid Office.

If eligible, the student will be awarded and a letter will be sent to inform him/her of the amount of aid. After classes begin, the aid can be processed. If tuition and fees have not been paid, the aid will be applied to the unpaid charges. If any funds remain after tuition/fees are paid, a check will be mailed to the student's local address.

There are usually responsibilities which accompany receiving student aid. As a rule, students are expected to complete at least 70% of their classes and to maintain a minimum cumulative grade point average (GPA) of 2.0. Requirements for private scholarships may vary; students must be aware of what is expected.

For further information or assistance in filling out the FAFSA, contact the Financial Aid Office. The two main sources of financial aid are federal and state aid and scholarships awarded by the College or by private donors and organizations.

ELIGIBILITY CRITERIA FOR FINANCIAL AID

Students who receive federal or state financial aid funds are expected to maintain satisfactory academic progress (SAP). SAP includes a qualitative measure, as indicated by the cumulative GPA (CGPA) and a quantitative measure, determined by comparing attempted credits versus earned (or completed) credits within a maximum time frame. Determination of SAP takes into account the full record of students' attendance at SLCC, regardless of whether they received financial aid during previous periods of enrollment.

Students are allowed 150% of the published number of credit hours required for graduation in which to complete their program of study. For example, a student whose program requires 65 hours would have approximately 95 attempted credit hours to complete the program.

Calculation of maximum allowed hours is based on attempted hours, defined as all hours for which a student has enrolled, including all transfer hours which are relevant to the current program of study. Classes which receive a grade of withdraw (W), incomplete (I), audit (AU) or extension (EX) are considered attempted hours, as are all repeat courses.

Based on student need, a maximum of 30 remedial credit hours may be added to the published required number of credit hours. Transfer hours not applicable to program graduation will be subtracted from the number of credit hours required for graduation, thus a maximum time hour limit would be reduced accordingly. For example, if a student has 25 transfer hours and the program of study requires 65 for graduation, the maximum time-frame is determined by deducting 25 hours from 65 and multiplying the remainder by 150%. This would equal a max time-frame of 60 hours.

To ensure consistent progression toward graduation, students must satisfactorily complete a minimum of 70% of cumulative attempted credit hours with cumulative GPA of 2.0 or better. Academic progress will be monitored each term. Students who do not maintain a 70% completion rate with a minimum cumulative GPA of 2.0 for two consecutive terms will have their financial aid terminated. If

extenuating circumstances can be shown to have caused the student to fail to meet this academic standard, the student may appeal (as described below).

The penalty for failure to achieve SAP is termination of aid for at least one term or until the student has achieved satisfactory completion of 70% of cumulative enrolled hours with a minimum cumulative GPA of 2.0. Further aid is not awarded until this has been accomplished.

APPEAL PROCESS

Students may appeal to the Financial Aid Appeal Committee for an extension of maximum allowed hours or for a waiver of requirements for attendance/completion of a term without aid based on documented mitigating circumstances. The appeal must be made in writing and must include supporting documents to substantiate the circumstances which brought about the appeal and which were beyond the control of the student. Students who disagree with the Appeal Committee's decision may ask that the documentation and the Committee decision be reviewed by the Director of Financial Aid and the Dean of Enrollment Services.

CONDITIONS UNDER WHICH FINANCIAL AID MAY BE WITHDRAWN:

- Failure to meet satisfactory progress standards
- Failure to meet conditions of financial aid probation
- Misrepresentation or falsification of application materials for aid or for admission
- Official or unrecorded withdrawal from the College
- Violation of any institutional policy or regulation which could result in suspension or termination from the College
- For Stafford Loans, failure to complete a minimum of 6 hours with a grade of D- or higher.

FINANCIAL AID OVERPAYMENT AND RETURN OF TITLE IV FUNDS POLICY

The following procedures are used to determine the amount to be returned to federal (Title IV) funds:

OVERPAYMENT

An overpayment situation occurs when students receive a Pell Grant and drop classes after funds have been disbursed. For example, if a student receives a Pell Grant based on full-time enrollment and then drops to nine credits, an overpayment will be calculated. Any refund will be credited back to the Pell Grant and the student will be required to pay back any difference between a full-time Pell Grant and a 3/4-time Pell Grant. These funds must be repaid prior to receiving aid for subsequent terms at SLCC or any other institution.

RETURN OF TITLE IV FUNDS

Return of Title IV funds occurs when a student receives federal funds and then officially drops, withdraws or ceases attendance without notifying the school. The amount of unearned Title IV aid must be figured. This is determined by multiplying the percentage of term not attended (based on calendar days including weekends and holidays) by the Title IV aid received. All types of aid—including loans—are used in this calculation. College work-study funds which have been earned will not be included. If a student attended more than 60% of the term, no return of funds will be required.

After the amount of Title IV aid to be returned is calculated, a determination of how much must be returned by the institution and how much must be returned by the student will be determined. Any funds returned by the institution are credited in the order of loans, (Unsubsidized Stafford, Subsidized Stafford, Perkins, PLUS) Pell

Grant, FSEOG Grant and other Title IV aid. If the student has any loans (Perkins, Stafford, and Plus) which have been used in the calculation, this obligation will be due and payable by the terms of the promissory note. Any grant funds to be returned by the student will be reduced by 50%. For example, if a calculation determines that a student's grant obligation is \$300, the repayment will be \$150.

Any return of Title IV funds required by student must be paid prior to receiving additional financial aid at SLCC or any other institution. Any funds returned by the institution on the student's behalf must be repaid by the student to the College prior to receiving grades or attempting to register for subsequent terms. A complete and detailed explanation of this policy, along with examples, is available at the Financial Aid Office.

GRADUATION

APPLYING FOR GRADUATION

In order to graduate, students must:

1. Apply for graduation at least one semester before intended graduation and before the deadline published in the class schedule;
2. Complete an Application for Graduation obtained from Enrollment Services or <http://www.slcc.edu/graduation>;
3. Pay the \$20 graduation fee at the Courtesy Desk or Cashier's Office. A separate application and fee are required for each Certificate of Completion, diploma, or degree sought.

GRADUATION REQUIREMENTS

To be eligible for graduation from SLCC, students must:

1. Apply for graduation at least one semester or term before intending to complete graduation requirements, and by the priority deadline published in the class schedule.
2. Maintain a 2.0 cumulative GPA on all course work.
3. Take 25% of required credits directly from Salt Lake Community College.
4. Qualify for a Certificate of Completion, a diploma, or a degree as outlined in this catalog.

HONOR CORDS

Students who complete coursework with a cumulative grade-point average of 3.8 or above will qualify for the President's List and be awarded a gold cord at graduation. Students who complete coursework with a cumulative grade-point average of 3.5 or above will qualify for the Dean's List and be awarded a silver cord at graduation.

ACADEMIC RENEWAL

POLICY

Students admitted to Salt Lake Community College may petition to have poor grades and credits discounted from the GPA calculation of previous coursework. To petition, the student must have an interruption in their education at Salt Lake Community College of at least five consecutive years and meet the policy requirements 1.1 through 2.8. The Academic Renewal Policy allows a returning student the opportunity to improve academic standing at Salt Lake Community College.

1. Academic renewal permits returning students to discount previous poor grades and associated credits from grade point calculations under the following conditions:

- 1.1 Returning students must have an interruption in their collegiate education at Salt Lake Community College of five or more consecutive years.
- 1.2 The grades and associated credits to be discounted must be at least five years old.
- 1.3 Academic renewal applies only to courses with grades of D+, D, D-, E or UW.
2. Conditions under which academic renewal will be considered:
 - 2.1 The applicant must be enrolled at Salt Lake Community College at the time of application for academic renewal and upon return to Salt Lake Community College, have completed 6 credits of graded coursework at SLCC with a GPA of 2.0 or above.
 - 2.2 Academic renewal may be applied only once during a student's academic career at Salt Lake Community College and it is irreversible.
 - 2.3 Not all graded coursework described in 1.3 must be discounted. Students may request specific courses for academic renewal.
 - 2.4 Repeated courses and credits are not eligible for academic renewal.
 - 2.5 Grades and credits approved for academic renewal will no longer count toward Salt Lake Community College program or graduation requirements.
 - 2.6 Courses approved for academic renewal and the course grades will remain on transcripts with an academic renewal notation.
 - 2.7 Students will not receive a tuition adjustment or refund for courses granted academic renewal status.
 - 2.8 Academic renewal applies only to courses and credits taken at Salt Lake Community College.

PROCESS FOR APPLICATION

- Students need to meet with an Academic Advisor before applying for academic renewal.
- Students applying for academic renewal must complete and submit the academic renewal application form to Enrollment Services.
- Students must clearly identify courses for which they are requesting academic renewal.
- Enrollment Services will determine if all conditions have been met; the student will be notified within four weeks.
- Upon approval for academic renewal, grade point average and credit hours earned will be recalculated and appropriate notations made on the student's record.
- Academic renewal may not be accepted by transfer institutions or for financial aid satisfactory academic progress requirements.

STANDARD SUBSTITUTIONS AND SUBSTITUTION GUIDELINES

Students requesting a substitution should see an academic advisor. Some course substitutions may require approval by department or division chair.

GRADUATION CERTIFICATES

Graduation certificates and diplomas are mailed six to eight weeks after the end of the semester in which the student is approved to graduate and complete graduation requirements.

SKILLS CENTER COSTS AND FEES

For Utah residents, costs for most Skills Center courses and programs are \$2.25 per clock hour of instruction, which includes student fees. Books and supplies are separate and are subject to change. See a Skills Center Admissions Advisor for total program costs or the Skills Center section of this catalog.

SALT LAKE COMMUNITY COLLEGE POSTHUMOUS DEGREE POLICY

POLICY

All Degrees, Certificates of Completion, and Diplomas awarded by Salt Lake Community College may be issued posthumously under the following conditions:

1. The deceased student has completed a minimum of 80% of program and credit-hour requirements for his/her major field of study.
2. The deceased student is in good academic standing and has earned a minimum grade-point average of 2.00 at Salt Lake Community College.
3. The deceased student must have been enrolled at the college within the past two years.

A deceased student not eligible for a posthumous Degree, Certificate of Completion, or Diploma, may be awarded a Certificate of Academic Achievement at the discretion of the College.

PROCEDURE

1. A formal request for the Degree/Certificate/Diploma to be awarded posthumously may be initiated by any interested person or organization associated with the deceased student, and must be submitted to the Vice President for Student Services, accompanied by documentation of the student's death.
2. The Vice President will request a review of the deceased student's record by the Graduation Office to verify that minimum requirements have been met.
3. The Registrar will certify to the Vice President that the minimum requirements have or have not been met.
 - a. If minimum requirements have been satisfied, the Graduation Office will so notify the Vice President, provide the appropriate Degree, Certificate of Completion, or Diploma, with diploma cover, to the requestor, and post the award on the deceased student's transcript.
 - b. If minimum requirements are not met, the Degree/Certificate/Diploma will not be awarded, and the Vice President will determine if the circumstances warrant the awarding of a Certificate of Academic Achievement.
 - c. If the Certificate of Academic Achievement is to be awarded, the Graduation Office will provide it to the requestor. No notations of this certificate will be made on the deceased student's transcript.
4. The Vice President will communicate the results of the request to the requestor.

TRANSCRIPTS

The permanent record (transcript) of your academic achievement is maintained by Enrollment Services. Transcript requests can be processed at Redwood, South City, Jordan Campus sites and Sandy Center for a \$4.00 fee per transcript. For information call 801-957-4298 or visit <http://www.slcc.edu>. Skills Center records are available separately at the Skills Center at South City Campus, 801-957-3354.

VIEW TRANSCRIPTS ON LINE

Login to mypage.slcc.edu, click on the "Student" tab, scroll down to Services for Students and click on "Academic Transcript." If you wish to print the document go to the bottom of the last page and right-click the mouse and select the print option. (This is an unofficial transcript.)

ORDER OFFICIAL TRANSCRIPTS

Official transcripts are signed and sealed and cost \$4.00 per copy. To request an official transcript:

ONLINE

1. Go to <http://www.slcc.edu>. Sign into MyPage and click on the "Student" Tab
2. In Services for Students locate Student Records, and click on "Order Official Transcript"
3. Pay the transcript fee by credit card and follow the prompts until your request is complete

If you have trouble with your MyPage account, contact the Help Desk at (801) 957-5555.

IN PERSON

Complete a Transcript Request Form at Enrollment Services and pay the \$4.00 fee to Center Courtesy Desk or Cashiers office. Bring the completed request from to Enrollment Services with your picture ID.

MAIL OR FAX

Include a completed Transcript Request Form OR include the following information: Name, Student ID or SS#, Date of Birth, Last Date Attended, Previous Names, the Name and Address of person or organization transcript is to be sent to, your Current Contact Information, and your Signature authorizing release of your transcripts.

Mail transcript request and \$4.00 check or money order:

**ENROLLMENT SERVICES
SALT LAKE COMMUNITY COLLEGE
PO BOX 30808
SLC UT 84130-0808**

Or Fax your request to (801) 957-4961 and call cashier at (801) 957-4460 to pay fee by credit card.

Transcript request forms are available at <http://www.slcc.edu>. Faxed and mailed transcripts are usually processed within 3-5 working days receiving your request.

COLLEGE POLICIES

UNSCHEDULED COLLEGE CLOSURES

Information Hotline - (801) 957-INFO (957-4636)

SLCC normally remains open, running on schedule even during inclement weather. However, in cases of unusually severe weather

or other unanticipated conditions, it is possible the College schedule may change: one or more sites may be closed or may open late, classes may be canceled, staff offices may be closed or evening classes may be dismissed early. For information about any unscheduled College closure, call the information hotline listed above. Information is posted to this hotline as soon as any decisions affecting class status are made and the recording is updated whenever conditions change.

CHANGES IN LAWS, RULES AND POLICIES

1. Although every effort has been made to assure accuracy of information in this catalog, students and others should note that laws, rules and policies change periodically. Often, such changes alter the information contained in this publication. It is not possible in a publication of this size to include all rules, policies, and other information which pertain to students or Salt Lake Community College.

The most current or complete information may be obtained from appropriate departments and divisions. Changes may be implemented without prior notice and without obligation and, unless specified otherwise, are effective when made.

2. Nothing in this catalog shall be construed, operated as, or have the effect of an abridgment or a limitation of any rights, powers or privileges of the Utah State Board of Regents, SLCC's Board of Trustees, or SLCC's President.

This catalog does not constitute a contract or the terms and conditions of a contract between students and the institution. The relationship of students to the institution is one governed by statute, rules, and policy adopted by the Utah Legislature, Board of Regents, Board of Trustees, the President and their duly authorized designees.

3. Advisors are provided to assist students in planning academic programs. They are not authorized to change established policy. Students are solely responsible for assuring that their academic programs comply with College policy. Any variance with established policy must be confirmed by a division chair.
4. SLCC has the right to terminate or modify programs and/or program requirements, content and the sequence of program offerings from semester to semester for reasons it deems sufficient to warrant such action.
5. Course descriptions are based on reasonable projections of faculty, faculty availability, facilities, and curriculum considerations. They are subject to change based on changes in circumstances.
6. Accreditation, approvals, and certification of SLCC are based on the institution's status at the time of printing this catalog. They are subject to review and modification from time to time.
7. SLCC disclaims liability of any kind for injury or illness of students as a result of participation in activities connected with the College. Every reasonable effort is made to provide safe conditions for conducting all activities.

STUDENT RIGHT TO KNOW

In accordance with the Student Right-To-Know and Campus Security Act (P.L. 101-542, amended by P.L. 102-26), Salt Lake Community College conducts an annual study of persistence and graduation rates of full-time freshman who have not previously attended college. Results of this yearly study and information regarding security issues are published online at <http://www.slcc.edu/disclosures>. A printed copy is available from Enrollment Services.

STUDENT PRIVACY RIGHTS

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:

THE RIGHT to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit written requests identifying the record(s) they wish to inspect to the Registrar. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If records are not maintained by the Registrar, he/she shall advise the student of the correct official to whom the request should be addressed.

THE RIGHT to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of the right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to hearing.

THE RIGHT to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record to fulfill his or her professional responsibility. Upon request, the College may disclose education records without consent to officials of another school in which a student seeks or intends to enroll.

NOTE: SLCC has contracted with the National Student Clearinghouse to provide verification of student enrollment and degrees or certificates earned. The National Student Clearinghouse is considered a "school official" acting with "legitimate educational interests."

THE RIGHT to file a complaint with the U.S. Department of Education concerning alleged failures by SLCC to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

FAMILY POLICY COMPLIANCE OFFICE
U.S. DEPARTMENT OF EDUCATION
400 MARYLAND AVENUE, S.W.
WASHINGTON, D.C., 20202-4605

Personally identifiable information or records relating to a student will not be released to any individual, agency or organization without the written consent of the student as described in FERPA regulations, except Directory Information, which may be released upon request unless the student specifically withholds permission to do so. Directory information includes:

Student's name
Address
Telephone number
Date of birth
Major field of study
Dates of attendance
Enrollment status
Degrees and awards received
Most recent previous educational agency/institution
Participation in recognized activities/sports
E-mail address

TO WITHHOLD THE RELEASE OF DIRECTORY INFORMATION

Students must complete a Request to Prevent Disclosure of Directory Information form, available from Enrollment Services offices and online at <http://www.slcc.edu>, to withhold release of directory information. This form may be submitted online or in-person at an Enrollment Services office during regular office hours; the request will become effective upon computer input.

AMERICANS WITH DISABILITIES ACT (ADA)

SLCC embraces both the letter and the spirit of the Americans With Disabilities Act (ADA), which in part says, "...no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs or activities of a public entity, or be subjected to discrimination by any such entity."

For more information, STUDENTS should contact the Disability Resources Center at (801) 957-4659 (Voice) or (801) 957-4646 (TTY); EMPLOYEES should contact Human Resources at (801) 957-4212. For the SLCC ADA Coordinator, call (801) 957-4041.

EQUAL OPPORTUNITY/AFFIRMATIVE ACTION

Salt Lake Community College is an equal opportunity institution providing education and employment opportunities without regard to race, color, gender, sexual orientation, religion, national origin, disability, age and/or veteran status.

Inquiries concerning the above, including the application of Title I, Title VI, Title VII, Title IX, or Section 504* may be referred to the SLCC Director of Equal Employment Opportunity at (801) 957-4212.

*DEFINITIONS:

Title I - American Disabilities Act
Title VI - Civil Rights Act
Title VII - Civil Rights Act
Title IX - Educational Amendments of Rehabilitation Act
Section 504 - A Section of the Age Discrimination in Employment Act

CRIME AWARENESS AND CAMPUS SECURITY REPORT

Safety and well being of students, visitors and employees is a high priority at SLCC. The full support and cooperation of the entire college community is required to allow for the pursuit of knowledge in a safe and secure environment. The Crime Awareness and Campus Security Report issued to faculty, staff, and students is designed to comply with the Student Right-To-Know and Campus

Security Act of 1990. (34 CFR 668.47 and amendments. It is annually updated to provide current information to all students, employees, or any applicant for enrollment or employment at the College. This report includes information about campus law enforcement, reporting of criminal activity, crime awareness and prevention, and campus crime statistics.

To obtain copies, call the SLCC Public Safety Department at (801) 957-4270 or visit <http://www.slcc.edu/disclosures>.

STUDENT CODE OF CONDUCT

Salt Lake Community College seeks to provide a safe and secure environment for its community through the dissemination of the Student Code designed to respect and protect the rights and well-being of its members, and without disruption of individual's pursuit of education. The College reserves the right to suspend or dismiss students for failure to conform to rules outlined in the Code for conduct detrimental to the interest to conform to the College community. Adherent to this right, the College may subject students to disciplinary action for conduct contrary to College policy on or off campus. The primary objective for the administration of discipline under the Student Code of Conduct is to foster **ethically responsible behavior** and protect the campus community.

The Code outlines the specific rights which students are guaranteed and the responsibilities students have as community members. It also specifically outlines the procedures for hearing cases of student misconduct, grievances, and academic dishonesty issues.

CODE AVAILABILITY

Students may obtain a complimentary printed copy of the Student Code of Conduct from the Office of Student Life and Leadership E174 South City and in the Student Pavilion, Jordan Campus. (SC124), Redwood Campus. Students also may request printed copies from Student Services offices at all other SLCC locations. The Student Code is also available online in MyPage under the School Services tab.

STUDENT RIGHTS AND RESPONSIBILITIES

Students accept both the rights and obligations of citizenship. They retain and enjoy all rights secured by the Constitution and local, state or national laws.

Rights and freedoms are best preserved in a community whose members are mutually tolerant of the exercise of rights and freedoms and whose members are free from physical violence, force, abuse and threat. Toward that end, SLCC has adopted certain personal and organizational standards, policies and procedures that govern the responsibilities and behavior of its members. Violations are grounds for judicial action and possible disciplinary sanctions. Any students who assist, encourage or incite others to violate SLCC policies are similarly subject to such action.

AUTHORITY AND RESPONSIBILITY

Daily responsibility for good conduct rests with the students. All members of the College community are expected to use reasonable judgment in their daily campus life and to show due concern for the welfare and rights of others.

Ultimate responsibility and authority to enforce the Student Code of Conduct rests with the College President. The President may, and has, delegated responsibility for administration of the discipline system to the Vice President of Student Services. The Vice President delegates responsibility to various judicial bodies and

administrators. All procedures followed and decisions made by authorized hearing officers and bodies are subject to Vice Presidential and Presidential review.

SLCC reserves the right to take any necessary and appropriate action to protect the safety and well being of the campus community.

ACADEMIC HONESTY

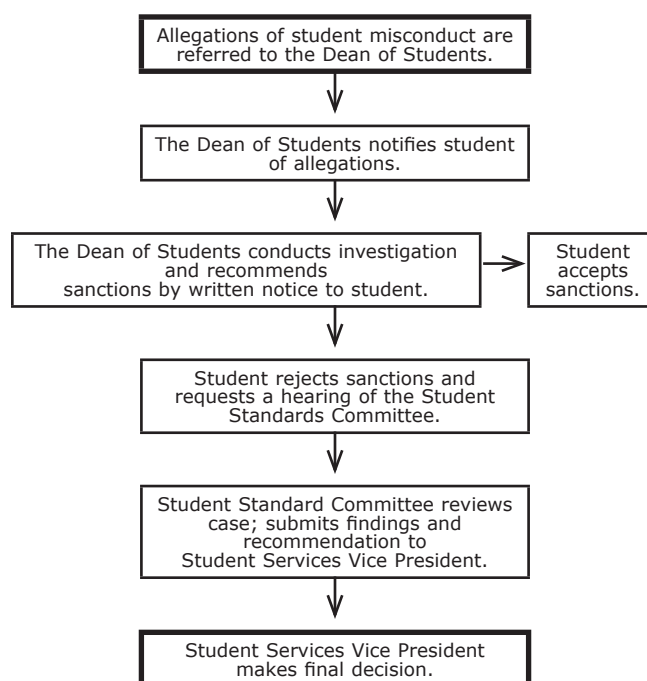
Honesty is an expectation at SLCC. This means that each member of the College community will adhere to principles and rules of the College and pursue academic work in a straightforward and truthful manner, free from deception or fraud. Any attempt to deviate from these principles is academic dishonesty and will be dealt with according to rules of due process as outlined.

Students are also held to the College policy on acceptable use of college computing resources; which, prohibits the distribution of passwords or confidential information; sending, receiving or storing fraudulent, harassing or obscene messages; and the encroachment of computer resources or any attempt to break, or override the security of the College computers.

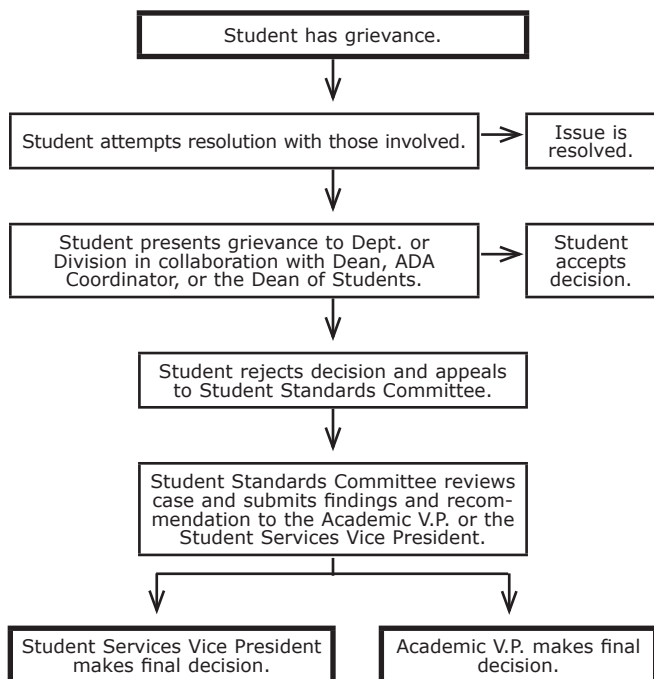
FAIR AND EQUITABLE DISCIPLINARY PROCESS

The SLCC social discipline system is established in accordance with the concept of due process. Due process, as used herein, consists of two parts. First, students will know in advance what conduct is unacceptable, and the consequences of such conduct. It requires rules and regulations of student behavior that are reasonable, clear, and precise, clearly communicated, and fairly and consistently administered (substantive due process). Second, students will be given a statement of charges against them and a fair opportunity to be heard and to present witnesses before a decision is rendered (procedural due process).

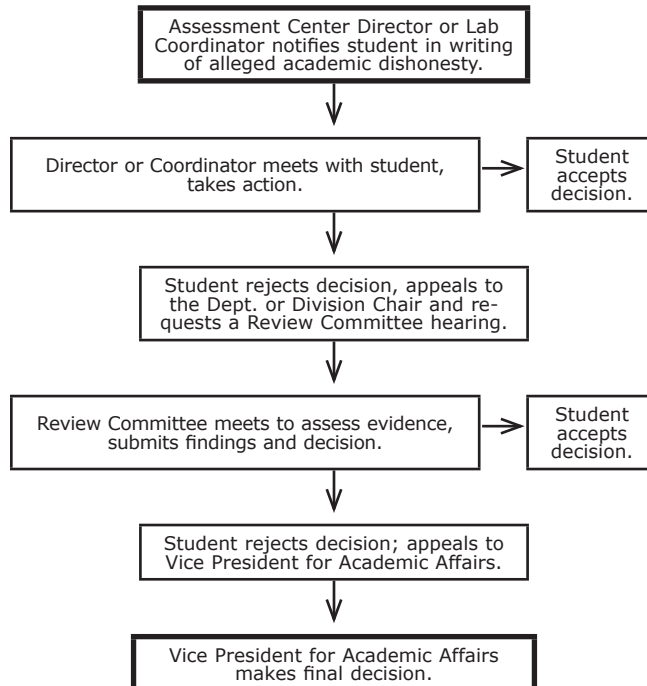
IF YOU ARE ACCUSED OF MISCONDUCT...



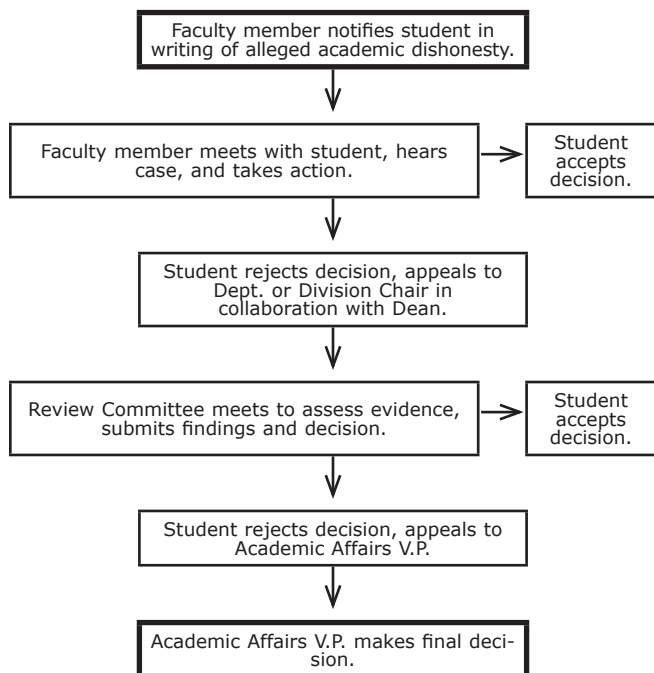
IF YOU HAVE AN ISSUE WITH ANOTHER STUDENT, AN INSTRUCTOR, OR COLLEGE EMPLOYEE...



IF YOU ARE ACCUSED OF CHEATING OUTSIDE THE CLASSROOM (ASSESSMENT CENTER, LABS, ETC.).



IF YOU ARE ACCUSED OF CHEATING IN THE CLASSROOM...



CAMPUS POLICY ON DRUGS AND ALCOHOL

SLCC code prohibits possession, consumption, or distribution of hallucinating, narcotic, or other illegal drugs. The code also prohibits possession, consumption, or distribution of alcoholic beverages on any property owned or leased by the College and at any college activity. Campus members may be subject to prosecution by civil authorities for violation of state and federal laws. Violation of the alcohol, tobacco, and other drug policies will be handled through the Dean of Students. The sanctions taken may include, but are not limited to: referral for assessment to Health and Wellness Services, appearances before the Student Standards Committee, probation, or expulsion. For information on health risks of alcohol abuse, contact Health and Wellness Services.

ALCOHOL AND TOBACCO LAWS	PENALTIES
DUI - It is illegal to drive or be in physical control of a vehicle while under the influence of alcohol or other drugs. Utah's Implied Consent law requires submission to blood alcohol content (BAC) test. Refusal will result in revocation of license for one year. You are in violation if your BAC is .08 or greater OR if you are incapable of operating a vehicle.	Up to 6 months imprisonment and/or \$1,000 fine, rehabilitation assessment and education class, suspension of license for 90 days, \$100 to victim restitution fund. Accident, injury or death will increase penalties. Class B misdemeanor.
MIP - It is illegal for minors (under 21) to buy, possess (even hold) or drink alcohol.	Up to 6 months imprisonment and/or \$1,000 fine. Class B misdemeanor.
NOT-A-DROP - You are in violation if you are under 21, have consumed any amount of alcohol and are driving.	Lose license for 90 days, required substance abuse assessment, and may still face MIP laws.

ALCOHOL AND TOBACCO LAWS	PENALTIES
OPEN CONTAINER - It is illegal to drink any alcoholic beverage while operating, or as a passenger in, a vehicle (parked or moving), or have an open container in vehicle.	Up to 6 months imprisonment and/or \$1,000 fine. Class B misdemeanor.
SELLING, FURNISHING, OR SUPPLYING ALCOHOL TO A MINOR - You are in violation if you provide alcohol to a minor.	Up to one year imprisonment and/or \$2,500 fine. Class A misdemeanor.
INTOXICATION - A person is in violation if he is under the influence of intoxicating liquor or other substances to the degree that the person may endanger himself or others in a public or private place and unreasonably disturb others.	Imprisonment in jail or detoxification center if necessary for protection of self or others. Class C misdemeanor.
TOBACCO USE OR POSSESSION - It is unlawful for any person under the age of 19 to purchase or possess tobacco in any form.	Maximum \$500 fine. Class C misdemeanor.
CLEAN AIR ACT - Prohibits smoking in a public place, public meeting, or any government building. (All buildings on SLCC campus.)	Maximum \$500 fine. Class C misdemeanor.

ACADEMIC AND CAREER ADVISING
ACCOUNTS RECEIVABLE
ASSESSMENT AND TESTING
CASHIER SERVICES
CENTER FOR LANGUAGES
**CHILD CARE/ECCLES EARLY CHILDHOOD
DEVELOPMENT LAB**
COLLEGE STORE (BOOKSTORE)
COMPUTER ACCESS
CONCURRENT ENROLLMENT
COPY CENTERS
CREDIT UNION
DISABILITY RESOURCE CENTER
DISTANCE EDUCATION SERVICE CENTERS
ENROLLMENT SERVICES
FINANCIAL AID ASSISTANCE
FOOD SERVICE
HEALTH AND WELLNESS SERVICES
HOST FAMILY PROGRAM
HOUSING
INSURANCE
INTERNATIONAL EDUCATION
THE LEARNING CENTERS
LEARNING RESOURCES LIBRARY/MEDIA
MULTICULTURAL INITIATIVES CENTER
'MYPAGE' ONLINE SYSTEM
'ONECARD' ID CENTERS
PARKING SERVICES
RECREATIONAL AND ATHLETIC FACILITIES
SCHOOL RELATIONS
STUDENT CENTERS
STUDENT EMPLOYMENT AND COOPERATIVE EDUCATION
STUDENT LIFE
THAYNE CENTER FOR SERVICE & LEARNING
TRIO PROGRAMS
UNIVERSITY CENTER
VETERANS' AFFAIRS OFFICE

SERVICES AND RESOURCES FOR STUDENTS

ACADEMIC AND CAREER ADVISING

Redwood Campus, Student Center – (801) 957-4978
 South City Campus – (801) 957-3361
 Sandy Campus – (801) 957-3717
 Jordan Campus – (801) 957-2680
<http://www.slcc.edu/academicadvising>

The mission of the Advising Office is to develop an interactive, informative and supportive environment where all students can plan, explore, access resources, make decisions, and evaluate their academic and career goals.

THE MOST FREQUENT SERVICES REQUESTED BY STUDENTS ARE:

- Getting started at SLCC
- Creating an educational plan and/or setting up a class schedule
- Providing information about career and major options
- Interpreting assessment scores and establishing the proper sequence of Math and English courses
- Helping make connections with faculty and other departments
- Identifying the courses needed toward graduation
- Developing strategies for success to overcome obstacles
- Obtaining transfer information
- Referring students to resources available at the College and the community
- Answering questions about school policies and procedures

Advising is also available to answer frequently asked questions about employment opportunities, financial aid, student involvement and activities.

Special advising services are available to members of the following communities:

African American	(801) 957-4380
Polynesian	(801) 957-4474
Asian	(801) 957-5553
Hispanic/Latino(a)	(801) 957-4556
American Indian	(801) 957-4441

Advisors are available at the Redwood, South City, Jordan and Sandy locations. The General Advising Office is located in the Student Center at Redwood Campus. Call (801) 957-4978 or visit <http://www.slcc.edu/academicadvising> for further information about our services.

CAREER PLANNING SERVICES

The information that you will receive from our Academic and Career Advisors will assist you to:

- Learn what stage of career development you are in
- Identify your skills, values, interests, and personality
- Understand how occupations relate to majors
- Organize your career research
- Choose the best options for you at this time
- Successfully change your career path
- Identify barriers to success and develop strategies to overcome them
- Find out about learning resources available at the College
- Review your career choices in relation to areas of study/programs
- Complete your studies in a timely manner and achieve your career goals

You can access our services through a one-to-one session, workshops, and on-line. In addition, our Career Library supports your research by providing career encyclopedias, occupational books, journals from professional organizations, and career assessment tools such as Myers-Briggs Type Indicator (MBTI), CHOICES, and Campbell Interest and Skill Survey (CISS).

A free weekly 1 ½ hour Career Clues Workshop introduces you to self-assessments and occupational research and how they relate to an SLCC area of study. For further information about Career Advising Center services, visit any Advising office, call (801) 957-4978, or go to: <http://www.slcc.edu/academicadvising/careeradvising>.

ADVISING SERVICES FOR SLCC STUDENTS TRANSFERRING TO OTHER INSTITUTIONS

Many students attend SLCC with the intention of transferring to another college or university. The Academic Advising Office has resources such as college reference guides, catalogs, applications, major information, articulation agreements for Utah schools, and web access to assist students in exploring their transfer interests. Transfer activities are scheduled every semester which include college fairs, campus visits, transfer workshops and major orientations. Advisors in the general office and departments can assist students in developing an effective transfer plan and timeline.

For further information about how SLCC credits will transfer and for transfer planning, see Transferring Credit in the **THINGS YOU SHOULD KNOW** section of this Catalog.

ADVISING SERVICES FOR STUDENTS WITH DISABILITIES

Students with disabilities seeking academic advising or accommodations can do so through the Disability Resource Center (DRC). Details are provided in this Catalog section under Disability Resource Center.

ADVISING SERVICES FOR INTERNATIONAL STUDENTS

International students receive advising services through the International Student Services (ISS) office. Further information is provided in this catalog under International Education on online at <http://www.slcc.edu/iss>.

STUDENT EXPRESS

Located on the second floor of the Student Center at the Redwood Campus, Student Express can provide information regarding admissions, interpretation of Computer Placement Test (CPT) scores, selection of classes, registration, financial aid, and other basic student questions. Staff is available to assist students in the Student Express Computer Lab with online services the College offers (setting up MyPage accounts, class searches, registration, degree evaluation, etc.). Student's undecided about a major, needing help with career advising or general education requirements will be referred to an advisor.

ACCOUNTS RECEIVABLE

Redwood Campus SC001 (Lower level of the Student Center)
(801) 957-4480

Accounts Receivable manages the unpaid monies owed to Salt Lake Community College with the billing of students, staff, faculty and the general public. These accounts could result from unpaid:

- Tuition and Student Fees, Class Fees, Offsite Usage
- Other Fees may include Health & Wellness
- Dishonored Checks
- Fines for the Library and Parking Services
- Student Tuition Installment Plan (STIL)

ASSESSMENT AND TESTING

Redwood Campus, AC (Portable #3) - (801) 957-4269
Jordan Campus, HTC 202 - (801) 957-2606
South City Campus, W128 - (801) 957-3284
<http://www.slcc.edu/pages/assessment.asp>

COMPUTERIZED PLACEMENT TESTING

Students wishing to enroll in mathematics or English classes at SLCC must complete the Computerized Placement Test (CPT) before registering for these classes. The SLCC Assessment/Testing Centers at Redwood, South City and Jordan campuses administer the CPT each weekday on a walk-in basis. No appointment is necessary. A photo ID is required to take the test. The CPT is untimed; students may take as much time as needed to complete the test. The CPT is not graded on a pass/fail basis. CPT test scores are used for class placements. Re-tests are limited to English 1x per semester; Math 2x per semester. Recent ACT scores (less than two years for English and less than one year for math) may be used in place of the CPT for class placements. Students who have taken the ACT recently should bring their scores to an Enrollment Services office for evaluation. Transfer students with recent math or English credit from another institution may be eligible for a waiver of all or part of the placement testing requirements. Transcripts are reviewed as part of the transfer student acceptance process and students are notified by mail if their placement testing is waived. A fee is charged for all retests.

CREDIT BY EXAMINATION: CLEP AND CHALLENGE EXAMS

For details on earning College credit through the College Level Examination Program (CLEP) or Challenge Exams, see Credit by Exam in **THINGS YOU SHOULD KNOW** in this Catalog.

GENERAL EDUCATIONAL DEVELOPMENT (GED) EXAM

The GED test is available for students wishing to obtain credit toward a high school or GED diploma. A fee is charged. Age requirements do apply. Picture ID required. Check with the Redwood Assessment Center at (801) 957-4269, or the Skills Center Assessment Center at South City Campus, (801) 957-3249, for further information.

SKILLS CENTER ASSESSMENT

Skills Center Assessment Services, at South City Campus, helps individuals make realistic career decisions based on assessment of academic skills, learning aptitudes, vocational interests, plus occupational and labor market information.

Additional services include:

- GED Testing
- Nursing Assistant Certification
- International Society of Certified Electronics Technicians (ICET)
- Police Officer Selection Test (POST)

For further information, please contact the Skills Center Assessment Office at South City Campus. Room W124, (801) 957-3249.

CASHIER SERVICES

All Cashier Inquiries, (801) 957-4868
Redwood Campus, STC 005 South City Campus, W156
Cashier Express STC 251 Jordan Campus HTC 154
Sandy Center Bldg. B Miller Campus MPDC 110

Payments for tuition and fees may be made online with personal check, savings account transfer, credit card, or debit/credit card. Most other charges are accepted at any cashier location. Cashier Offices are open weekdays. Regular and extended hours are posted on MyPage, in the semester class schedule and at each location. Extended hours are provided during rush periods. Cashier Services will be closed on regularly scheduled holidays.

Students registering for classes or making class changes should view their student account on <http://www.MyPage.slcc.edu> to verify account balance and that all transactions were completed. Payments or credits include authorizations sent to the College by various sponsors, VA authorizations, and financial aid recipients. Tuition payments may be made by personal check, savings account transfer, credit card, or debit/credit card, by going online to <http://www.MyPage.slcc.edu> and clicking on the "Student" tab. Scroll down to click "Payment Type". Refund and financial aid checks are mailed to student's local address.

CENTER FOR LANGUAGES

Redwood Campus, TB 418 - (801) 957-6057
<http://www.slcc.edu/languagelab>

The Center for Languages uses technology to promote language learning, teaching and research. It is dedicated to helping students develop communicative skills in the target language through audio/video language learning programs and computer-based language programs:

TUTORING

The Center for Languages offers tutoring in all the languages taught on campus. Students enrolled in a language course can interact with and receive assistance from tutors with native or near native proficiency. The Center strives to establish a favorable learning environment through student-tutor interaction.

AMERICAN SIGN LANGUAGE (ASL)

At the Center for Languages, students can watch various ASL learning programs, communicate with their tutors, and videotape their assignments.

CHILD CARE/ECCLES EARLY CHILDHOOD DEVELOPMENT LAB SCHOOL

Redwood Campus - (801) 957-4567
<http://www.slcc.edu/eccleslabschool>

DAY PROGRAM

The Eccles Early Childhood Development Lab School provides licensed child care for children between the ages of two and five years. Fees are set according to a sliding scale. The School offers a quality program that meets intellectual, physical, social and emotional needs of developing children and provides participation opportunities for parents. The School is open from 6:45 a.m. to 5 p.m. when College classes are in session. Currently, child care is not available at any other SLCC location. For more information about preschool sessions, visit <http://www.slcc.edu/eccleslabschool>.

EVENING PROGRAM

Evening child care is provided at the Eccles Lab School for children between the ages of two and eight years. Evening child care is provided from 5:00 p.m. to 10:00 p.m. on Monday through Thursday nights when the College is in session. The cost for evening child care is \$3.00 per hour. For more information, visit <http://www.slcc.edu/eccleslabschool>.

CHILD CARE FINANCIAL ASSISTANCE

Assistance is based on financial aid eligibility and credit hours enrolled. Assistance may be used for both the Eccles Early Childhood Development Lab School and licensed off-campus Child Care providers. For more information about Child Care Assistance, contact the Child Care Coordinator @ (801) 957-4809 or shalome.orton@slcc.edu.

COLLEGE STORE (BOOKSTORE)

Redwood Campus, Student Center - (801) 957-4045
South City Campus, E123 - (801) 957-3329
Sandy Center - (801) 957-3726
Jordan Campus, HTC 131 - (801) 957-2620
<http://bookstore.slcc.edu>

The College Store carries the required books, tools, and supplies needed to complete an educational program. Many other items such as computer hardware and software, computer supplies, paperback books, calculators, logo-imprinted sweatshirts, jackets and other miscellaneous items are available for students to purchase.

The cost of the books, tools and supplies varies with each course. A list of required items is available in every departmental office. The College Store hours are posted at each entrance.

COMPUTER ACCESS

Computers are available for student use at all SLCC sites. Call the Help Desk at (801) 957-5555 for locations and hours.

Academic programs with specialized computer needs are equipped with appropriate hardware and software. Computer lab fees may be assessed along with tuition for these classes. Please refer to the course schedule for computer lab requirements and fees for each course.

CONCURRENT ENROLLMENT

Redwood Campus, ATC 228 - (801) 957-4760
<http://www.slcc.edu/concurrentenrollment>

COLLEGE CREDIT IN HIGH SCHOOL

A concurrent enrollment class is a college-level class offered to high school senior and junior students for high school and college credit. Concurrent enrollment students register for the class at both the high school and the College. While students earn high school credit, they also earn college credit which is recorded on a permanent college transcript. Through this program, students are able to enroll in certain introductory level SLCC courses offered on their high school campuses during their regular school day.

Concurrent Enrollment courses **offered in the high school** are taught by qualified high school faculty who meet the SLCC requirements for adjunct faculty. College faculty support and supervise these courses and work with the high school teachers as colleagues. Concurrent enrollment courses are a part of high school teachers' normal teaching loads.

Courses taught at the high school are the same as courses taught on SLCC campuses. Instructor qualifications, texts, assignments, the number of exams, and grading requirements are all equivalent. Placement Testing is required for English & Math classes. Limited courses are also available through Distance Education, where classes are taught by college instructors via the Internet.

WHY TAKE CONCURRENT ENROLLMENT CLASSES?

- To get a head start on college courses
- To add a new challenge during the senior high school year
- To ease the transition from high school to college
- To reduce duplication of classes between the last years of high school and the first years of college
- To shorten time needed to earn a degree
- To help undecided students determine if college is the right option
- To develop study habits and critical thinking skills essential to success in college

SAME CREDIT/NO TUITION

Students are required to apply for admission to the College and pay the \$35 admission application fee. Because school districts support the cost of instruction and facilities, concurrent enrollment classes at the high school are offered to students with no tuition charges. In contrast, students who attend courses at a College campus must pay all tuition and fees associated with their class(es).

EARLY ENROLLMENT

Early Enrollment Advisor, (801) 957-4844

An alternative program to Concurrent Enrollment is Early Enrollment. Academically qualified high school juniors and seniors may pay tuition and attend **regular on-campus SLCC** classes while still attending high school. For further information regarding this program, please visit <http://www.slcc.edu/earlyenrollment>.

COPY CENTERS

Redwood Campus, AD 165 - (801) 957-4157

South City Campus, N121 - (801) 957-3301

<http://www.slcc.edu/copycenter/>

The SLCC Copy Centers offers a full option of document services including xerographic copies of tests, syllabi, handouts, reports, assignments, e-books, manuals, etc. Additionally, the Copy Centers offer full color printing, large format printing (posters), binding, layout, covers, laminating, mounting, and cutting. A variety of paper colors and finishing options are available, and transparencies can be made from photo-ready originals. Come support your college copy centers, a convenient and prompt method for your document needs.

CREDIT UNION

Redwood Campus, SC 057 - (801) 957-4037

Jordan Campus, HTC 102F - (801) 957-2638

All other branches - (801) 486-7255

<https://www.saltlakecu.com/>

Membership eligibility at Salt Lake Credit Union is a benefit offered to all students, faculty, staff, and alumni of Salt Lake Community College. Opening an account is easy! Simply bring your \$25 deposit and valid Driver's License to any Salt Lake Credit Union branch, located near most of the SLCC campuses throughout the valley. Salt Lake Credit Union offers upgraded benefits to students, such as free checks, free VISA debit card, student loans, and an opportunity to establish good credit with "Credit Builder" programs. Students can securely access their accounts anytime through the Credit Union's web page at <https://www.saltlakecu.com/>. With competitive rates and lower fees than other financial institutions, remember Salt Lake Credit Union for auto loans, VISA credit cards, mortgage loans, retirement accounts, and Certificates of Deposit. Salt Lake Credit Union is proud to be a partner of Salt Lake Community College.

DISABILITY RESOURCE CENTER

Redwood Campus, STC 244

(801) 957-4659 (Voice) (801) 957-4646 (TTY)

South City Campus, W138 - (801) 957-3258

All other campuses - (801) 957-4659

<http://www.slcc.drc>

The Disability Resource Center (DRC) provides services and accommodations for students with documented disabilities who need assistance with educational, physical and/or program accommodations while pursuing their education. Services are available at all SLCC sites. To become eligible for services, students must attend a one-hour orientation, complete an application for the DRC, and provide qualified medical and/or psychological documentation of their disabilities. Services are designed to accommodate the limitations of the disability and are approved on an individual basis, as well as reevaluated each semester. DRC is also available for consultation, training and assistance to faculty, staff, and outside agencies.

DRC SERVICES

- Advising and Counseling
- Transition assistance
- Early registration
- Liaison with community agencies, faculty and staff
- Assistive technology
- Adaptive equipment
- Accommodated testing services
- Interpreting for the deaf
- Learning strategies training
- Notetaking, reading, and scribing
- Alternative text services
- ADA information
- Advocacy

DISTANCE EDUCATION

Service Center

Redwood Campus

Technology Building, Room 216

(801) 957-4406 or 1(888) 963-7522

<http://www.slcc.edu/distance>

Administrative Office

Miller Campus

MPDC, Room 205

(801) 957-4095

Staff at the Distance Education Service Center are available to assist students in contacting instructors, faxing or mailing assignments, locating course web sites, scheduling conferences, or anything else they might need to help them succeed in their distance education coursework.

COURSE OFFERINGS

Courses from across the college are delivered in technology supported formats including broadcast television, web/video conferencing, DVD, and the Internet. Students interact with instructors and classmates in person, on the telephone, in online chat rooms and discussion boards, and through e-mail in a student-centric environment. The goal of all Distance Education courses is to provide high-quality education at times and formats that meet individual student's needs.

For more information about course offerings and other helpful information, please visit our website, <http://www.slcc.edu/distance>.

ENROLLMENT SERVICES

Enrollment Services offices provide wide range of admissions, registration, and student records services. See specific service listings for more details.

<http://www.slcc.edu>

Redwood Campus, SC 270 - (801) 957-4298

Sandy Center, SA 101A - (801) 957-3717

South City Campus, W 138 - (801) 957-3350

Jordan Campus, HTC 160 - (801) 957-2680

Draper Center, (801) 957-5075

Library Square (801) 957-2000

Meadowbrook (801) 957-5821

Skills Center Enrollment Services:

South City Campus, W137D, (801) 957-3354

Redwood Road Campus, SC242A, (801) 957-4097

FINANCIAL AID ASSISTANCE

Redwood Campus, Student Center - (801) 957-4410
 South City Campus, Student Services Area - (801) 957-3352
 Jordan Campus, HTB 160 - (801) 957-2682
<http://www.slcc.edu/financialaid>

For details about Financial Aid processes and requirements, see Financial Aid in the **THINGS YOU SHOULD KNOW** section of the Catalog.

FOOD SERVICE

Redwood Campus, Student Center - (801) 957-4060
 South City Campus, W115 - (801) 957-3415
 Jordan Campus, HTC151 - (801) 957-2880
 Miller Campus, Culinary Arts Building (801) 957-5410
<http://www.slcc.edu/diningservices>

Food Service is available for students, faculty, staff and guests. Food Service provides beverages, snacks, breakfast, sandwiches, grill service, salads, pasta, Mexican food, and hot entrees at reasonable prices.

The Redwood Campus Student Center features **Bruin Bites Food Court** featuring six popular branded vendors, including: Chile Verde's Mexican Food, Hogi Yogi, Teriyaki Stix, Chef Tom's Pizza & Pasta, Golden Seas Chinese food, Coffee/Desert Kiosk and the Campus Diner. Formal and informal indoor seating and a spacious patio offer a variety of options to the diner.

Vending machines are also located at all campus locations.

The SLCC Food Service also provides complete banquet and catering services.

HEALTH AND WELLNESS SERVICES

Student Health Clinics
 Redwood Campus, SC 048 - (801) 957-4347
 South City Campus, W175 - (801) 957-3323

Health and Wellness Offices
 Redwood Campus, SC035 - (801) 957-4268
 South City Campus, W175 - (801) 957-3323

<http://www.slcc.edu/hw>

Health and Wellness Services exists to keep students healthy, in school, performing at their optimal ability, and prepared to pursue lifelong wellness. SLCC has a staff of health educators, social workers, massage therapists, and medical providers who can offer educational experiences, training, support and care to keep students well, and to help students overcome illnesses should they become sick.

Health and Wellness Services also serves faculty and staff for a minimal charge.

Contact Health and Wellness Services for additional information about specific services or visit <http://www.slcc.edu/hw>.

SEE ALSO: INSURANCE.

HOUSING

Students moving to Salt Lake City to attend SLCC should make advance arrangements for housing. The College does not have on-campus housing. While student services may assist in locating housing, SLCC cannot assume responsibility for securing facilities.

INTERNATIONAL STUDENT HOUSING

A list of apartments is available through the International Student Services (801) 957-4528, international.services@slcc.edu, www.slcc.edu/iss.

HOST FAMILY PROGRAM

The Host Family Program is one of our intercultural programs designed to give both students and families and intercultural experience and an opportunity for insightful conversations. Its purpose is to enhance understanding between the people of the United States and the people of other countries through educational and cultural exchanges. The SLCC Host Family programs is part of our intercultural program and not intended as a housing bureau. SLCC believes that hosting international students provides important opportunities for students to adjust and learn about U.S. culture while helping to prepare American students to live and work in a global environment.

We believe that the need for increased international and intercultural understanding has never been greater.

SLCC serves approximately 280 international students from 50 countries on its campuses. Our goal is to connect people from the College, the local community and from the world to form a bridge for international awareness.

For more information about the SLCC Host Family Program and how you can get involved, contact International Student Services at (801) 957-4528 or international.services@slcc.edu.

INSURANCE

STUDENT ACCIDENT INSURANCE

Accident insurance is provided for students enrolled at SLCC. The policy provides limited supplemental coverage for accidental injury while attending a school sponsored activity. For more information, please contact the SLCC Office of Risk Management at (801) 957-4533.

INTERNATIONAL STUDENT INSURANCE

Although not required, the College strongly recommends that international students obtain appropriate hospitalization and health insurance through private sources while enrolled.

INTERNATIONAL EDUCATION

International programs at SLCC include services for international students studying at SLCC and services for students and faculty wishing to have an international experience.

INTERNATIONAL STUDENT SERVICES

Redwood Campus, Student Center 234
 (801) 957-4528, FAX (801) 957-4432
 South City Campus, E148E - (801) 957-4412
international.services@slcc.edu
<http://www.slcc.edu/iss>

The International Student Services Office assists international students in making smooth transitions into successful academic careers and social experiences while studying at SLCC. International Student Services provides:

- International admission services
- Pre-arrival information
- New International Student Orientation
- Immigration-related document processing
- Foreign student/immigration advising (SEVIS)
- Academic, cross-cultural and personal counseling
- Intercultural programming

International Student Services presents workshops and programs on international issues to students, faculty, and staff, as well as answering questions relating to international students' needs and requirements. The ISS serves as liaison between SLCC and the U.S. Citizenship and Immigration Service and the Department of State.

For further information about International Student Admissions at SLCC, refer to Admissions in the **THINGS YOU SHOULD KNOW** section of this catalog.

STUDY ABROAD

Redwood Campus, TB 325B - (801) 957-4593

Students have the opportunity to participate in a variety of study abroad programs. Participants study in another country and may earn credit. All participants gain valuable insights into other cultures and further their understanding of international issues.

THE LEARNING CENTERS

Redwood Campus

Learning Center, TB 213 - (801) 957-4172

Student Writing Center, AD 218 - (801) 957-4893

Open Computer Lab, TB 221 - (801) 957-4178

ESL Lab, TB 213 - (801) 957-4172

South City Campus, N308 - (801) 957-3261

Sandy Center, Building B, Room 105, (801) 957-3707

Jordan Campus, HTB 102 - (801) 957-2852

<http://www.slcc.edu/learningcenter>

MISSION STATEMENT

The mission of the SLCC Learning Center program is to provide free tutorial services to students enrolled in various courses offered by the college in order to promote student success. We strive to help our students to build confidence, defeat anxieties, and develop a greater appreciation for education and learning. We focus on active learning, learners' independence, and motivation. The Learning Center program serves SLCC's diverse, multi-campus population by offering one to one tutoring and other educational/support services at The Learning Centers, Student Writing Center, and the ESL Lab. The Learning Center program supports computer literacy and offers free computer access at our labs; we also offer online tutoring support in the Student Writing Center.

Many programs are offered, but not all services are available at all locations. Offerings vary from semester to semester. Please contact each site for specific details of times, dates, and offerings.

TUTORING/TUTOR REFERRALS

Free tutoring is available on a drop-in basis to all SLCC students. Subjects include math, chemistry, physics, biology, English and writing. The ESL Lab helps ESL students practice English with native English speakers.

The Learning Center at the Redwood campus also connects students with qualified private tutors for most subjects. Tutor lists are offered as a service to students, but students must contact and pay private tutors individually.

MULTIMEDIA LEARNING TOOLS

Students who want to review or preview course work may use computer software provided with their text books in various courses.

WORKSHOPS AND GROUP STUDY

Several free workshops are offered each semester in response to faculty and student requests. Small study groups are organized and conducted in selected courses. Trained tutors develop course concepts and suggest study skills necessary to be successful in those courses.

STUDENT WRITING CENTERS

Writing advisors work with all in-class writing and other writing projects such as scholarship applications, memos and reports. Advisors assist in analyzing the writing situation or project, developing a writing plan, undoing writing "blocks" and providing feedback to the writer. Computers are available, as is assistance with word processing. Visit <http://www.slcc.edu/swc>.

One-on-one or small group consultations are available and writers are encouraged to meet with an advisor at any stage in their writing project (from brainstorming to final editing). The Student Writing Center also holds special workshops on reading/writing topics, demonstrates in-class peer group work-shopping and distributes other writing-related materials (including material on documentation and research methods).

On the Redwood Campus, the Student Writing Center (AD 218) is housed separate from the Learning Center (TB 213). At the South City, Jordan and Sandy locations, the Student Writing Center is located within the Learning Center facility. For more information on Student Writing Center services, call (801) 957-4893.

LEARNING RESOURCES LIBRARY/MEDIA

Redwood Campus: Markosian Library - (801) 957-4195

Media Center - (801) 957-4199

South City Campus, Library/Media, E106 - (801) 957-3265

Jordan Campus, Library/Media - (801) 957-2661

Sandy Center, Library - (801) 957-3720

See the following website for hours of operation:

Library: <http://libweb.slcc.edu>

The library system has 96,440 print books and 787 print periodical subscriptions, access to 76 electronic databases which include full-text articles and indexing/abstracting services, as well as access to 6,000 e-books. The library has the current textbooks for most courses available for use in the library. The Media Center collection contains approximately 30813 items for viewing, listening and watching. Telecourse videos also are available for checkout.

Library staff provides assistance with: research and reference questions; inter-library and inter-campus loans; and training to assist in using the library's resources and accessing the Internet. Patrons

may access the library's online catalog and many of its electronic indexing and full text database services through any personal computer on campus or from their homes via the Internet. Visit the Library website for further information.

The Library also provides group and quiet study areas, individual and group media viewing areas, coin-operated copy machines, an art exhibit area, a student computer lab with laptop computer and wireless card checkout, as well as a café and lounge.

A current SLCC One Card ID is required to check out materials from SLCC Libraries and Media Centers, to use the computer lab and to do printing.

MULTICULTURAL INITIATIVES CENTER

Redwood Campus, SC 236E - (801) 957-4415, FAX (801) 957-4958

South City Campus, Student Services Area, W-137A

(801) 957-4592, FAX (801) 957-3374

<http://www.slcc.edu/multicultural>

The Multicultural Initiatives Center is a vital resource for students from diverse communities as well as the entire College. The Center offers assistance in gaining access to SLCC's programs, contacts, and opportunities that promote diversity and multiculturalism. The Multicultural Center is located on the second floor of the Student Center within the Student Involvement Center, and at South City Campus.

The Multicultural Initiatives Office is committed to the promotion, implementation and enhancement of diversity and multiculturalism across the college campus. Staff addresses student, faculty and staff questions and concerns about issues such as: cultural/ethnic awareness; self-empowerment through education and access; diversity issues within the College's policy and procedures; and increasing community involvement in College activities.

In addition, the Center supports the work of Ethnic Advisors who meet with ethnic club members, high schools, and community groups to promote awareness of SLCC. The staff and advisors assist students, faculty, and staff at the College in understanding and welcoming diverse cultures attracted to and served by SLCC's unique environment. Advisors are available to provide special assistance to members of the following communities:

African American	(801) 957-4380
Polynesian	(801) 957-4474
Asian	(801) 957-5553
Hispanic/Latino(a)	(801) 957-4556
American Indian	(801) 957-4441

'MYPAGE' ONLINE SYSTEM

Students are normally assigned a MyPage username within 48 hours of application to the College. To obtain their MyPage username and password, the new student should go to <http://www.slcc.edu> and click on "Get your Username and Password." Enter the requested information, including Student ID ("S" number), and MyPage login information will be displayed. The Student ID number can be found on the College Acceptance Letter new students receive in the mail after application, or by presenting a photo ID at an Enrollment Services or One Card ID Center Office at any of the following SLCC campuses: Redwood, South City, Jordan, Sandy, Miller, Draper, Meadowbrook, Library Square Center. After logging into MyPage visit the Welcome to MyPage Channel on the MyPage tab for access to Frequently Asked Questions.

'ONECARD' ID CENTERS

Redwood Campus, Courtesy Desk - (801) 957-4022

South City Campus, E148 - (801) 957-3407

Jordan Campus, Courtesy Desk - (801) 957-2600

Sandy Campus, Courtesy Desk - (801) 957-5890

<http://www.slcc.edu/onecard/>

OneCard is the official ID card for SLCC. Students must be registered (enrolled in classes) to obtain a OneCard. Students are required to have a OneCard to participate in the following activities and services:

- Access to the Lifetime Activities Center for facilities and events.
- Door access to selected areas.
- Use as a library card.
- Serves as a debit card for purchases at food court establishments, college store books and supplies, the Lair, vending machines and offsite restaurant and vendor services.
- Serves as a debit card for tuition and fee payments.
- Voting card for student elections.
- ID for computer lab access and printing services.
- ID for test taking at assessment center.
- ID in conjunction with UTA EdPass.

OneCard ID Centers are located at the Redwood, South City, Jordan and Sandy Campuses. Call (801) 957-4022 or visit our website at <http://www.slcc.edu/onecard> for further information about obtaining a OneCard and the services we provide.

PARKING SERVICES

Redwood Campus, AD 150 - (801) 957-4011

South City Campus, N103A - (801) 957-3307

Jordan Campus, HTC 154 - (801) 957-2630

<http://www.slcc.edu/parking>

PARKING PERMITS

All vehicles are required to have a permit at the Redwood Campus, South City Campus, and Jordan Campus. Student's parking permits cost:

Annual Permit	\$30.00
Semester Permit	\$15.00
Month Permit	\$5.00
Week Permit	\$3.00
Day Permit	\$1.00

**ALL PERMITS MUST BE DISPLAYED CORRECTLY
IN VEHICLE TO BE VALID.**

**PERMITS ARE VALID ONLY FOR THE VEHICLES
REGISTERED TO THEM.**

To purchase a permit, please bring your vehicle's current registration. If you do not have a current registration you may purchase a month permit for \$5.00 each month.

If one vehicle is registered, one sticker will be issued. You must bring in two or more current registrations before a hangtag can be issued.

If a parking permit is lost or stolen during the course of the year, you must purchase a new one. If you change vehicles, please bring in the original permit sticker and registration for a new one, at a cost of \$1.00.

Handicap Parking requires a SLCC handicap permit and state placard. Only the owner of the handicap placard may buy and use the permit. Please bring in handicap placard and vehicle registration when buying permit. Handicap permits cost: \$30.00 annual and \$15.00 semester.

**ALL ANNUAL PARKING PERMITS EXPIRE ON
AUGUST 31, OF EACH YEAR**

PARKING METERS

Parking meters are available at all campuses for visitors. Permit does not authorize parking at meters without paying.

For complete parking information and regulations go to <http://www.slcc.edu/parking>.

RECREATIONAL AND ATHLETIC FACILITIES

Redwood Campus, Lifetime Activities Center - (801) 957-5808
South City Campus, Gymnasium, Pool, and Fitness Center - (801) 957-4078
<http://www.slcc.edu/recreation>

SLCC provides a variety of gymnasium and athletic facilities for students' personal and course-related use. The Redwood Campus Lifetime Activities Center offers a gymnasium, an indoor track, racquetball courts, a strength room, and a fitness center that are available throughout the day. South City Campus offers a swimming and diving heated swimming pool, fitness room and gymnasium.

Students may use all recreational facilities, participate in recreational programs and attend all home athletic events **FREE** of charge with current student ID.

Athletic facilities are located in Lifetime Activities Center to include Arena, Team locker rooms, Team room, Training room, Fitness and Strength facilities, Hitting facilities, and Auxiliary gym. Additionally, there is Cate Field for Baseball, the Bruin Softball Field and Bruin Soccer field.

SCHOOL RELATIONS

Redwood Campus, SC 256 - (801) 957-4105
<http://www.slcc.edu/schoolrelations>

School Relations staff directs all aspects of outreach and recruitment efforts for prospective students. The staff is committed to assisting prospective students and their parents, high school counselors and other public school staff with information regarding degree and program options, financial aid, scholarships, activities and clubs and campus events.

Events such as early college outreach activities, college awareness events, open house activities, activities involving special interest groups, and programs for junior high school students are also offered.

This department also participates in GEAR UP, (Gaining Early Awareness and Readiness for Undergraduate Programs), a federally funded program designed to increase the number of low income students in junior high and high school prepared to enter and succeed in post secondary education.

STUDENT CENTERS

Student Information and Questions

Redwood Campus - (801) 957-4298
Jordan Campus - (801) 957-2670
South City Campus - (801) 957-3000

Redwood Student Center Operations - (801) 957-4075

SLCC's Student Centers are the social, cultural and recreational centers for students, faculty, staff, alumni and guests of the College.

The **Redwood Campus Student Center** houses many Student Services including: Enrollment Services, Student Express, Academic and Career Advising, Financial Aid, Cashiering, Multicultural Initiatives Office/Multicultural Center, International Student Services, Disability Resource Center, Veteran Affairs, Health Clinic, Health and Wellness Services, the Thayne Community Service Center, College Store, Bruin Bites Food Court, Student Association office and student clubs offices, Courtesy Desk, Contact Center, 'One Card' ID Center, Salt Lake City Credit Union, and the Student Center and Student Services administration offices.

The Student Events Center and patio, located on the west end of the Redwood Campus Student Center, is used for large and small meetings, dances, entertainment and outdoor food events. 'The Lair: Food, Games and Fun' and a 'Quick Stop' Convenience Store provide students with fast food options while the full service Bruin Bites Food Court provides more substantial menu selections.

The SLCC Food Service also provides complete banquet and catering services.

Vending machines, courtesy telephones, copy machines and two ATMs are also available in the Redwood Campus Student Center.

Meeting facilities and services are available for outside groups and reservation requests may be made through the Student Center administrative offices at (801) 957-4076.

The **Jordan Campus Student Pavilion** serves as the student gathering place on the Jordan Campus. Meeting room facilities, a warming kitchen, a small auditorium, and comfortable lounge areas surrounding a fireplace provide space for entertainment, study and relaxation.

The **South City Campus Student Services Living Room** provides an inviting central location where the full range of Student Services can be found. The Living Room is adjacent to South City's Food Services area and College Store.

STUDENT EMPLOYMENT AND COOPERATIVE EDUCATION

Redwood Campus, AD 195 - (801) 957-4014
South City Campus, W 134 - (801) 957-4304
Jordan Campus, HTC 164 B - (801) 957-4218
Miller Campus - (801) 957-4014
Meadowbrook Campus - (801) 957-4014
Sandy Center - (801) 957-4218
Draper Campus - (801) 957-4218
Library Square - (801) 957-4304
Airport Campus - (801) 957-4014
<http://www.slcc.edu/seces>

SLCC Student Employment and Cooperative Education (CO-OP) office blends three separate, but closely related services:

- CO-OP Education/Internships/Work-based Learning
- Student Employment
- Student Employment Services for Special Populations

Services include full-time career and training-related employment services, part-time and temporary employment, internships and work-based learning.

COOPERATIVE EDUCATION/INTERNSHIPS/WORK-BASED LEARNING

Cooperative Education Services help students gain a variety of work experience opportunities to assist in their transition from education to employment.

Cooperative Education (CO-OP) is a program that integrates course work with study-related work experience. Cooperative Education offers opportunities for students to complete portions of their educational goals through new learning associated with employment/internships. Cooperative Education is a partnership involving employers, educational institutions, and students. Using learning objectives, CO-OP students earn college credits, which apply toward diploma, certificate, or degree programs. In some programs, CO-OP may be substituted for lab classes with faculty approval. Because CO-OP course requirements are based primarily on regular periods of study-related work and are individualized for each participating student, it is not possible to audit or challenge a CO-OP course.

In most cases CO-OP and internship students receive pay or remuneration for work performed. To ensure against exploitation, a student may not be involved in an unpaid work experience with the same employer for more than one semester without review by the CO-OP office.

CO-OP/INTERNSHIP/WORK-BASED LEARNING BENEFITS:

- A better understanding of relationships between education and the world of work.
- More meaningful academic experiences through working with professionals in the field.
- Opportunities to work with equipment, facilities and processes that cannot be duplicated in college classrooms or laboratories.
- Opportunities to fine-tune basic skills for heightened professional competence.
- Earnings to apply toward living or educational expenses.
- Opportunities to combine theory with practice in completing the educational process.
- Development of a study-related work history (for inclusion in a resume).
- Credit toward college degree, diploma, or certificate.

Before registering for a CO-OP/internship/work-based learning course, students are required to have employment or an internship in a study-related job and must obtain an approval form to register from a CO-OP Specialist. Students who wish to participate in CO-OP, but who do not have employment or an internship in a study-related position, should come to the Student Employment Office at least one semester in advance for assistance in finding an appropriate CO-OP opportunity. More specific information on each CO-OP program may be found in semester class schedules. Students should contact a Student Employment Specialist to determine whether their current job qualifies for CO-OP credit.

If CO-OP is not listed in a specific major, please inquire at a CO-OP office (listed above).

STUDENT EMPLOYMENT SERVICES

SLCC Student Employment Services is committed to providing quality service to students seeking employment. Although employment cannot be guaranteed, SLCC provides assistance to students seeking training-related and career employment, and to students seeking part-time, temporary, and non-training related employment. SLCC Student Employment Services recognizes the need to help students prepare to compete successfully for employment by offering job seeking skills workshops. SLCC Student Employment Services include the following:

- Development of employment opportunities for SLCC students
- Updated listings of employer request (job orders) posted in strategic areas throughout all the SLCC campuses, sites, and on line at <http://www.slcc.edu/seces>.
- Interviewers to help match student skills with employer requests
- Workshops to teach job search strategies, resume writing, interview techniques, job retention skills, networking, and job research techniques.
- Mock interviews
- Labor market information
- Appropriate referrals to service agencies.

Job listings available on line at <http://www.slcc.edu/seces>.

EMPLOYMENT SERVICES FOR SPECIAL NEEDS STUDENTS

SLCC is committed to providing services to special needs populations. Through the resources of the Student Employment and Cooperative Education Services office and through active participation in state and federal grant programs SLCC provides employment services to persons who are recognized as having barriers to employment.

EMPLOYMENT SERVICES FOR INTERNATIONAL STUDENTS

International Students may work part-time on campus (up to 20 hours per week). Information on procedures to work on campus must be obtained from the SLCC International Office. International students wishing to work off campus must qualify through the SLCC International Office.

If CO-OP is not listed in a specific major, please inquire at a CO-OP office (listed above).

EMPLOYMENT SERVICES FOR SKILLS CENTER STUDENTS

The Skills Center is committed to helping students obtain employment upon completion of their training. Students work with an Employment Specialist who provides services for the training program they are attending. Students can also visit one of the Career Resources locations to receive employment services. The location and hours for Career Resources are: W136 at South City Campus, 8 a.m. to 4:30 p.m., or by appointment, phone: 957-3354 or fax: 957-3283, Monday through Friday. Career Resources provides additional services and resources to Skills Center students, as outlined in the Skills Center section of this catalog.

STUDENT LIFE

ALUMNI ASSOCIATION

Redwood Campus, AD 144 - (801) 957-4838
<http://www.slcc.edu/development/alumni/index.asp>

The Alumni Association is governed by a Council comprised of former SLCC students, faculty representatives and members of the community. The purpose of the organization is to maintain a positive relationship between former students and the College. The Association sponsors special events to bring alumni back to campus several times per year. Regular correspondence is used to keep former students and the community aware of current issues and programs on campus. Each year the Association sponsors a Founders' Day event to recognize alumni and special friends who have made significant contributions to their professional fields and the College. The organization also offers discounts and special services for SLCC alumni.

ATHLETICS (GO BRUINS!)

Redwood Campus, Lifetime Activities Center (LAC)
 (801) 957-4515
<http://www.slcc.edu/athletics>

SLCC Athletics sponsors men's and women's basketball, women's volleyball, men's baseball and women's softball, all known as the mighty Bruins. Volleyball and basketball games are played in the Lifetime Activities Center (LAC) at Redwood Campus. Baseball is played at the Cate Field at Jordan Campus. Softball is played at the SLCC softball diamond on Redwood Campus.

Students, faculty, staff and community members are invited to join the Bruin Club, the fund-raising arm of the athletic program. Students have free admission to all home Bruin athletic events with current student ID card (guests only \$2).

SLCC intercollegiate athletics is a member of the National Junior College Athletic Association (NJCAA) Region XVIII, the Scenic West Athletic Conference. The SWAC also includes North Idaho, Snow College, College of Eastern Utah, Colorado Northwestern, Southern Idaho, Western Nevada, and College of Southern Nevada. Student athletes must comply with the eligibility regulations of the NJCAA and the SWAC conference.

CAMPUS RECREATION

Lifetime Activities Center (LAC) Desk - (801) 957-5808
 SCC pool, fitness center and extramural sports (801) 957-4078
 Sport Clubs; Student Association - (801) 957-4015
 SCC Pool - (801) 957-3268
<http://www.slcc.edu/recreation>

Campus recreation opportunities include open recreation, extramural sports, and sport clubs.

OPEN RECREATION

Open recreation times are available at both Redwood and South City Campuses.

REDWOOD - LIFETIME ACTIVITY CENTER (LAC):

Strength Room
 Fitness Center
 Gymnasium
 Racquetball Courts

SOUTH CITY

Gymnasium
 Swimming pool
 Fitness Center

COMPETITION

Competitive team recreation opportunities are available in golf and tennis. These teams play a limited schedule against other Utah community colleges. Contact Lisa Peshell (801) 957-4078

CLUBS

SLCC also provides competitive opportunities through Sports Clubs organized by students and their advisors:

Men's Volleyball
 Men's & Women's Soccer
 Rodeo
 Cheer Squad

For further information contact Student Life and Leadership Office (801) 957-4015

SLCC STUDENT ASSOCIATION/ STUDENT LIFE AND LEADERSHIP OFFICES

Jordan Campus, SP 202	957-2835
Redwood Campus, SC124	957-4015
South City Campus, E174	957-3434

<http://www.slcc.edu/studentcenter/StudentLifeandLeadership.asp>

All students who are registered and have paid their student fees are members of the Salt Lake Community College Student Association (SLCCSA). The elected student Executive Council provides leadership to the SLCCSA. Students are represented by the Executive Council and the Student Senate on various SLCC boards and committees to bring forth student issues and concerns.

SLCCSA is housed in the Student Life and Leadership Offices at Jordan Campus - Student Pavilion, Redwood Campus - SC124 and South City Campus - E174. Students are welcome to come in to any office and get involved with any of the boards or apply for Student Senate or just to learn more about Student Association. Activities and events are held at each campus. Volunteers are needed in all areas to assist in developing, implementing and promoting different activities.

THE SLCC STUDENT ASSOCIATION EXECUTIVE COUNCIL

The Executive Council is made up of seven elected positions which include the SLCCSA President, who sits on the Board of Trustees; the Executive Vice President, who presides over the Student Senate; Jordan Region Vice President, who takes care of the students at the Miller Center, Sandy Center, Draper Center and the Jordan Campus; South City Region Vice President, who takes care of the students at Main Street Center, Airport Campus and South City Campus; the Redwood Activities Vice President, who provides activities for Meadowbrook Center and the Redwood Campus; the Fine Arts Vice President, who provides cultural fine arts events and lectures for the student body; the Clubs and Organizations Vice President, who helps and supports student clubs and organizations. Elections are during Spring Semester, but positions on boards are open several times a year.

STUDENT SENATE

The Student Senate is made of senators from all campuses. Each senator's objective is to talk with students and help them with issues and concerns. They may be reached through the Student Life and Leadership Offices or email studentissues@slcc.edu.

STUDENT LIFE AND LEADERSHIP ELIGIBILITY

SLCC students are invited to apply for any position on the many boards and committees. To be eligible a student must have and maintain a 2.5 semester/term GPA and complete nine credit hours per semester. Applications are available in any office.

SLCCSA CLUBS AND ORGANIZATIONS

The Clubs and Organization office is housed in the Student Involvement Center at Redwood Campus SC 236 or 957-4094. Students who are interested in joining or starting a club or organization are encouraged to talk with the Clubs and Organization Vice President. Club organizing information is also available at the Student Life and Leadership Offices at Jordan and South City. A list of already active clubs and organizations is available in any Student Life and Leadership Office and on <http://www.slcc.edu> website.

THAYNE CENTER FOR SERVICE & LEARNING

Redwood Campus, SC 232 - (801) 957-4555
 South City Campus, E148A - (801) 957-3148
<http://www.slcc.edu/thaynecenter>

The Thayne Center for Service & Learning unites Salt Lake Community College with our greater community through civic participation, service-learning, and volunteerism. The Thayne Center is a valuable resource for those who would like to get involved with local non-profit and community agencies.

Student leaders working with the Thayne Center plan and coordinate service projects throughout the year. Projects may include one-time volunteer opportunities, community tours, various donation drives for community partners, and more! SLCC students may also participate in programs such as Alternative Break, AmeriCorps, America Reads, Service Council, and the Service-Learning Scholars Program.

Service-learning is a method of teaching and learning that combines community service with academic instruction. Service-learning focuses on critical, reflective thinking as well as personal and civic responsibility. The Service-Learning Program of the Thayne Center focuses on cultivating community partnerships, facilitating course development, and supporting faculty who engage in this innovative pedagogy.

SERVICE-LEARNING SCHOLARS PROGRAM

Students who wish to get more involved with service to the community may become Service-Learning Scholars. Scholars complete 150 hours of community service and 10 credits of service-learning coursework. This includes a one credit, independent study course where students design a capstone service project that combines their academic goals with community interests. Upon completion of the program, scholars graduate with service-learning distinction, wear cords of recognition at commencement, and receive formal acknowledgment of their accomplishments on their transcripts. This program transfers to the University of Utah's Service-Learning Scholars program.

SLCC DONATIONS, PROJECTS, AND VOLUNTEERS

The Thayne Center also coordinates all service projects at SLCC. Organizations seeking SLCC student, faculty, and staff participation in a charitable or service project should contact the Thayne Center for assistance. Call (801) 957-4555 for details.

TRiO PROGRAMS

SLCC hosts two TRiO programs funded by the U.S. Department of Education: Student Support Services and Educational Talent Search (ETS College Bound). These federally funded educational opportunity programs assist first generation students (parents did not graduate from college) who meet a low income guideline to prepare for and pursue postsecondary education.

STUDENT SUPPORT SERVICES

Redwood Campus, PO 3 - (801) 957-4089
<http://www.slcc.edu/sss>

Student Support Services works in partnership with students to accomplish goals and make the most of the college experience. Through a wide range of academic and personal support activities, students are assisted in determining their strengths and limitations, assessing their interests, and planning a systematic program of educational, social, and personal development. Services include:

- Proactive academic advising and educational planning
- Financial aid counseling and scholarship application assistance
- Small group and individual content tutoring
- Math and study skills workshops
- Transfer preparation and campus visits to four-year institutions
- Career exploration
- Information and referral to campus and community resources.

ETS COLLEGE BOUND

Redwood Campus, PO 2 - (801) 957-4089
<http://www.slcc.edu/etscollegebound>

ETS College Bound works with junior, middle, and high school students to encourage them to complete high school and attend college. SLCC partners with Granger High, West High, Valley Jr. High, West Lake Jr. High, Bryant Middle School, and Northwest Middle School.

UNIVERSITY CENTER

Redwood Campus, PO 1 - (801) 957-4824
<http://www.slcc.edu/universitycenter>

The University Center, in coordination with other institutions of higher education, offers a limited number of evening baccalaureate level programs at SLCC sites to students who have completed or nearly completed Associate of Science degrees, and in some cases Associate of Applied Sciences degrees.

The University Center promotes student access to baccalaureate degrees and enhances students' transitions to 4-year programs by providing articulation guidelines, advising, information sessions, individualized support as needed, and transfer information specific to the baccalaureate programs offered. For more information and schedules, contact the University Center, (801) 957-4824. Academic advising is available for students interested in transferring to these programs. For advising information contact (801) 957-4824 or (801) 957-4735.

ASSOCIATE OF APPLIED SCIENCE/HORTICULTURE

An Associate of Applied Science in Ornamental Horticulture, a collaborative project with Utah State University and SLCC is available.

BACHELOR OF SCIENCE PROGRAMS

Bachelor's degrees are available at SLCC from the following institutions:

WEBER STATE UNIVERSITY

Computer Science
 Construction Management
 Criminal Justice

UNIVERSITY OF UTAH

Nursing (online)

CALIFORNIA STATE UNIVERSITY

Environmental Technology Management (online)

UTAH STATE UNIVERSITY

Business
Ornamental Horticulture

FRANKLIN UNIVERSITY (ONLINE)

Accounting
Applied Management
Business Administration
Computer Science
Digital Communication
Health Care Management
Human Resource Management
Information Technology
Management
Management Information Sciences
Marketing
Public Safety Management

The VA will not pay for a class to be repeated which has been successfully completed. DVA will not pay for courses that are audited, challenged, if an extension (EX) is given, or for a class taken a second time if an incomplete (I) was previously received within a year.

Students are required to attend and make satisfactory progress in their courses to remain eligible to receive benefits. A grade point average of less than 2.0 for two consecutive semesters can suspend benefits until the reasons for the unsatisfactory progress are resolved.

Students receiving chapter 30 and 1606 benefits are required to verify their attendance to the Department of Veteran Affairs the last day of each month to receive their check. Those receiving chapter 31, 35 and 1607 are not required to verify their enrollment monthly to receive their check.

VETERANS' AFFAIRS OFFICE

Redwood Campus, STC 272 - (801) 957-4289 or (801) 957-4399

South City Campus, W 137D -(801) 957-3342

<http://www.slcc.edu/veterans/index.asp>

E-mail: veterans@slcc.edu

The Redwood Road Veterans' Affairs Office answers questions about veteran's education benefits and is the certifying office for all SLCC veterans. Documents can be obtained and submitted at either Redwood or South City Campus.

Most degree and non-degree programs at SLCC are approved for veterans and dependants who are eligible for veteran's educational benefits. Students should contact the SLCC VA office to apply for their benefits. Please keep in mind that new applications can take approximately 45-60 days. Students should allow an adequate amount of time for paperwork to be processed before the beginning of the term they wish to begin.

Students must choose a course of study and take only those classes required for graduation in their declared major with the VA. The declared major at SLCC must be the same as with VA. Any classes not listed as required in the SLCC catalog for graduation will not be paid for unless it is a pre-requisite.

Students using their veterans' educational benefits must verify their intention to receive benefits each semester by providing a copy of their class schedule to the SLCC VA office. ***Students must verify that classes meet the requirements of their declared major before submitting class schedule.*** Failure to do so may result in delayed certification processing for the term. Students must also immediately report any changes in their schedule to the SLCC VA office, such as adds/drops/ withdrawals, or if they stop attending their classes for any reason. Failure to do so may result in an overpayment.

The VA requires that all credit allowed for prior training must be reported to VARO by the end of the second semester. Prior credit is defined as prior college history, DD 214 and prior military training transcripts. Official college and military transcripts and a signed Request for Evaluation form must be submitted to the Incoming Transcript Office, STC 258 by the beginning of the second term of enrollment to ensure this process is complete by the end of the second term. Your classes will not be certified for the third term until this is finished. HLAC credit will be granted based on prior military service.

BARBERING AND COSMETOLOGY SERVICES

CREDIT UNION

DENTAL HYGIENE SERVICES

ELECTRONIC CLASSROOM SUPPORT

FACULTY ASSOCIATION

FACULTY TEACHING AND LEARNING CENTER (FTLC)

HEALTH AND WELLNESS SERVICES

HUMAN RESOURCES STAFF DEVELOPMENT

STAFF ASSOCIATION

SERVICES AND RESOURCES FOR FACULTY AND STAFF

BARBERING AND COSMETOLOGY SERVICES

<http://www.slcc.edu/barberingcosmetology>

The SLCC Barbering/Cosmetology Department has three locations to offer services to faculty and staff, as well as the public:

- Redwood Campus (day and night programs) (801) 957-4030
- Jordan Applied Technical Center (day and night programs) (801) 256-5731
- Granite High School (day program only) (801) 646-5347

All of the services are performed by current students in the program. The hair services (cuts, permanent waves, hair color, styling, and facial shaves for men) are offered to all staff and faculty members for half price. No appointments are necessary for the barbering services. Appointments are preferred for cosmetology, especially for chemical services, but are not always necessary. Walk-ins are welcome and will be accommodated whenever possible. For an appointment and times of services please call one of the numbers listed above.

The Esthetics Department (Redwood Campus, day and night) offers pedicures, manicures, facials, facial and leg waxing, and facial treatments. These services are offered at already very reduced rates, and there are consequently no discounts for SLCC employees for these services. Appointments are preferred, but walk-ins will be accommodated whenever possible. For an appointment and times of service, please call (801)957-4368.

Services are not available between semester or on test days. The high school programs are often open and available for services during college breaks. If you need an appointment at this time, please call the Jordan or Granite high school locations.

For a more complete listing of services and hours, please visit our web site at <http://www.slcc.edu/barberingcosmetology>.

CREDIT UNION

Redwood Campus, SC 057 - (801) 957-4037
Jordan Campus, HTC 102F - (801) 957-2638
All other branches - (801) 486-7255
<https://www.saltlakecu.com/>

Membership eligibility at Salt Lake Credit Union is a benefit offered to all students, faculty, staff, and alumni of Salt Lake Community College. Opening an account is easy! Simply bring your \$25 deposit and valid Driver's License to any Salt Lake Credit Union branch, located near most of the SLCC campuses throughout the valley. Salt Lake Credit Union offers upgraded benefits to students, such as free checks, free VISA debit card, student loans, and an opportunity to establish good credit with "Credit Builder" programs. Students can securely access their accounts anytime through the Credit Union's web page at <http://www.saltlakecu.com>. With competitive rates and lower fees than other financial institutions, remember Salt Lake Credit Union for auto loans, VISA

credit cards, mortgage loans, retirement accounts, and Certificates of Deposit. Salt Lake Credit Union is proud to be a partner of Salt Lake Community College.

DENTAL HYGIENE SERVICES

Jordan Campus, High Tech Center, (801) 957-2710
<http://www.slcc.edu/dentalhygiene/index.asp>

At SLCC students, faculty, and staff have access to dental services from one of the best Dental Hygiene programs in the Western United States. The SLCC Dental Hygiene program offers free and low cost dental services from their state-of-the-art, fully equipped dental hygiene clinic at the Jordan Campus. Services are performed by current students in the program, and include exams, radiographs, periodontal treatment, and cleaning.

Hours are variable, Monday through Friday. Call (801) 957-2710 for appointments or further information.

ELECTRONIC CLASSROOM SUPPORT CENTER

Redwood Campus, Markosian Library, LIB 028 - (801) 957-5562
<http://libweb.slcc.edu>

The Electronic Classroom Support Center [ECSC] supports and maintains over 70 high-tech classrooms throughout the entire SLCC system. These Electronic Classrooms contain ceiling-mounted data projectors, wall-mounted projection screens, and various multimedia input devices such as VCR/DVD players, document cameras, laptop connections, and desktop computers. In addition to its support function, the ECSC is also responsible for coordinating the design and construction of new Electronic Classrooms, and the upgrading of technology in all existing high-tech classrooms.

The ECSC website contains pictures and descriptions of each Electronic Classroom. Faculty members can use this resource to help schedule classrooms that best meet the technology needs of their particular courses. Faculty members should also contact the ECSC directly to report any technical problems they may experience with the installed equipment in their Electronic Classrooms.

FACULTY ASSOCIATION

<http://www.slcc.edu/facultyassociation>

The SLCC Faculty Association is a dues paying organization open to any member of the faculty; dues are currently \$4.00/month. The purposes of the Faculty Association are to speak with a common voice for all faculty members, to promote professional excellence at the College, and to protect faculty rights. The Association meets once each month, and representatives from the Association meet regularly with representatives from the College Administration to discuss issues of importance to faculty. Some Faculty Association members also choose to be members of the national American Federation of Teachers, represented at SLCC by AFT/Utah local 4963, which is a union organization and separate from the Faculty Association.

The Faculty Organizations office is located in TB 325; the phone number is (801) 957-4695.

The Faculty Association website has more information regarding the role of the Faculty Association and benefits associated with membership.

FACULTY TEACHING AND LEARNING CENTER (FTLC)

Redwood Campus, TB 324 – (801) 957-4997
South City Campus E 150 – (801) 957-3220
Jordan Campus HTC 115 – (801) 957-2677
<http://team.slcc.edu/ftlc>

MISSION STATEMENT

The Faculty Teaching and Learning Center (FTLC) addresses issues of teaching and learning and of faculty development in pedagogy. It serves all full-time and adjunct faculty from every campus and is faculty led and driven. It is a needs-based center; that is, it responds to faculty-identified needs to enhance their understanding and practice of quality teaching and learning.

GUIDING PHILOSOPHY

The FTLC is grounded in the following claims:

- Faculty—practicing teachers—are the teaching and learning experts at SLCC and should know best their teaching and learning needs.
- A faculty teaching and learning center should respond first and foremost to needs of the faculty.
- College-wide teaching and learning activities and faculty evaluation should be developed in collaboration with the FTLC.
- Teaching and learning are dynamic processes that never end. Thus, all who have responsibilities in the instructional program should be involved in learning about teaching/learning.
- Those who will be most affected by a decision should make or help make that decision.

Collaboration with all interested members of the College community is essential to the purpose of the FTLC. Collaboration means to work together toward a common goal and to make decision by consensus.

SUPPORTING FACULTY INNOVATION

The FTLC supports faculty innovation through its Teaching and Learning Grant (TLG) program, a new cycle of which begins each fall semester. Faculty can apply for grants to support their involvement in Learning Communities, Diversity Courses, Internationalizing the Curriculum, Technology in the Classroom, or other kinds of pedagogical innovation.

TEACHING CIRCLES

Teaching circles are small groups of faculty who meet at least six times during the year to work together on a specific issue or concern in their teaching and their students' learning. The FTLC sets aside some funds for each teaching circle to purchase books or equipment, duplicate articles, or buy refreshments. Participants in teaching circles are strongly encouraged to share the results of their discussions and projects with the broader college community.

INSTRUCTIONAL DESIGNERS

Are you teaching online? Do you intend to teach online soon? Because of a good working relationship with Distance Education, the FTLC has expert instructional designers who can help faculty develop quality online courses.

FTLC DIALOGS

Once each semester the FTLC brings the college community together to address issues of teaching and learning. The Redwood and South campuses host the FTLC Dialogs, which are panel discussions wherein faculty, staff, and administrators look at the topic from multiple perspectives.

DIGITAL MEDIA ASSISTANCE

The FTLC enjoys the services of an accomplished digital media technician. He can help you digitize photographs or slides, or work with digital video to document your students' work or for class projects.

TUTORIALS AND WORKSHOPS

The FTLC offers tutorials and workshops to full-time and adjunct faculty, including:

- Online tutorials through the FTLC website on WebCT, Mypage, and Banner.
- Workshops on Assessment and Evaluation.
- Workshops on Diversity Courses and Learning Communities.
- Workshops on Curriculum Development and Active Learning Strategies.
- Student-centered workshop—providing alternatives to lecturing.
- One-on-one instruction in using iMovie in your classroom.

SUPPORTING GENERAL EDUCATION

The FTLC sponsors Teaching & Learning in Community: Showcasing Multidisciplinary Education, a new initiative in General Education. Faculty are encouraged to have their Gen Ed courses join in this effort. Each semester, students demonstrate publicly their understanding of SLCC's learning outcomes. Students are also asked to learn from the public demonstrations of other classes.

EQUIPMENT AND FACILITIES

- Conference and workshop rooms
- Laptop computers
- Projectors for laptop computers
- Computer labs at Redwood and South offices
- Books on teaching and learning
- Faculty lounge at Redwood and South offices
- TV/VCR cart at Redwood office
- Macintosh computers

HEALTH AND WELLNESS SERVICES

Student Health Clinics

Redwood Campus, SC 048 - (801) 957-4347
South City Campus, W175 - (801) 957-3323

Health & Wellness Offices

Redwood Campus, SC035 - (801) 957-4268
South City Campus, W175 - (801) 957-3323

<http://www.slcc.edu/hw>

Health and Wellness Services exists to keep students healthy, in school, performing at their optimal ability, and prepared to pursue lifelong wellness. SLCC has a staff of health educators, social workers, massage therapists, and medical providers who can offer educational experiences, training, support and care to keep students well, and to help students overcome illnesses should they become sick.

Health and Wellness Services also serves faculty and staff for a minimal charge.

Contact Health and Wellness Services for additional information about specific services or visit <http://www.slcc.edu/hw>.

HUMAN RESOURCES STAFF DEVELOPMENT

<http://www.slcc.edu/staffdevelopment/index.asp>

The Salt Lake Community College Human Resources Staff Development Office is located at the Redwood Campus in AD 164. This office is responsible for taking care of the training needs of the full and part-time staff at SLCC. The following information will give you an idea of what training opportunities are available for all SLCC staff.

SKILLSOFT eLEARNING

SkillSoft eLearning web-based, on-line anytime training courses are offered by the HR/Staff Development Office. If SLCC staff members enjoy taking courses from a computer, rather than attending an in-person training session, eLearning is for them! HR/Staff Development has purchased the entire library of courses (approximately 2,500 courses) that can be accessed 24/7 by any computer with Internet access. Completion of the eLearning courses can be used for credit toward a Professional Development Certification Track Certificate.

PROFESSIONAL DEVELOPMENT CERTIFICATION TRACKS

Six training tracks are offered to all SLCC staff to assist with their career development at Salt Lake Community College. The training tracks were designed by the five color TACs (Track Advisory Committees).

- Red Track – Core Requirements Track
- Blue Track – Communications Track
- Green Track – Accounting/Financial Management Track
- Purple Track – Office Support Track
- Gold Track – Supervision/Management Track
- Silver Track – Project Management Track

SUPERVISORY TRAINING PROGRAM (STP)

The SLCC Supervisory Training Program (STP) is a training program for all SLCC employees who want to improve their supervisory skills. SLCC staff do not need to be a supervisor to register. The program was designed by the SLCC Human Resources Director, Craig Gardner, and the HR Staff Development Manager, Deanne Arvizu, in conjunction with The Gold TAC (Supervision/ManagementTrack Advisory Committee). The program runs one morning or afternoon a week for eight consecutive weeks and consists of eight training modules. A certificate of completion is awarded upon completion of all eight modules. Topics include: Mentoring The New Employee, Ethics & Conflict of Interest, Conducting Performance Appraisals, Discipline, Diversity, Leadership, Budgets, Payroll, Purchasing, etc. The STP's rotate from campus to campus, and is offered twice a year.

IN-PERSON PROFESSIONAL DEVELOPMENT WORKSHOPS

In-person professional development workshops are sponsored by all six of the color track TACs (Track Advisory Committee's) and The Fit Club. Information regarding these workshops can be found on MyPage and by flyers distributed through inter-campus mail. All workshops are free to SLCC staff, and everyone is invited. Attendance at the professional development workshops can be counted toward a certificate in all but the Red Core Requirements Track.

NEW EMPLOYEE ONLINE ORIENTATION

The HR Staff Development Office is responsible for updating the Online New Employee Orientation. This online orientation is available to all SLCC employees and can be accessed through the Human Resources Web Site.

MANDATORY TRAINING REGISTRATION

The HR Staff Development Office is responsible for creating the schedule and taking registration for mandatory training workshops.

CRAFTING OUR COMMUNITY

HR Staff Development is proud to offer a program that builds community, enhances creativity and reduces stress. The Crafting Our Community program is an opportunity for SLCC employees to come together and share information about what's going on in their part of the College, while participating in a creative endeavor for one of the charities in the Salt Lake City area. In the fall, the group meets during their lunch period and they make crafts for The Festival of Trees. The money that is made goes to Primary Children's Hospital. SLCC staff can come and get together with co-workers, and create a craft for someone who might need some cheering up. Each crafter gets to keep one of the crafts they make, and take a pattern home to make additional crafts for gifts, etc. Watch for the information on MyPage.

For questions or more information regarding the Salt Lake Community College Staff Development Office, please contact Deanne Arvizu, Staff Development Manager at the following address:

Deanne Arvizu
Salt Lake Community College
Staff Development Manager – Human Resources
4600 South Redwood Road, Room AD164
Salt Lake City, UT 84130-0808
(801)957-4088
Deanne.Arvizu@slcc.edu

STAFF ASSOCIATION

<http://www.slcc.edu/staff>

The Staff Association general membership is given to all full-time and part-time, non-faculty, employees without regard to race, color, national origin, age, sex, religion, sexual, disability or veteran status. Membership in the Association is continuous until the member leaves or resigns from Salt Lake Community College or until his/her position is redefined as a non-staff position by the Human Resource Department. Members of the SLCC President's Cabinet and Management Groups as defined by the SLCC President are not eligible for membership in the Association.

The primary purposes of the Salt Lake Community College Staff Association are:

- To facilitate communication, understanding, and cooperation among staff members of Salt Lake Community College;
- To promote the development of unity and a sense of identity among Association members as a community of peers;
- To provide an authoritative voice for expressing problems and concerns of Association members;
- To promote professional growth of the members;
- To promote a sound working relationship with the College administration;
- To provide an open avenue of communication with other College associations;
- To continue to promote a professional environment for students and staff; and
- To promote the objectives and general welfare of the College.

COMMUNITY WRITING CENTER

**DIVISION OF BUSINESS AND EMPLOYER
OUTREACH/MILLER BUSINESS RESOURCE CENTER**

THE GRAND THEATRE

THAYNE CENTER FOR SERVICE & LEARNING

SERVICES AND RESOURCES FOR BUSINESS AND THE COMMUNITY

COMMUNITY WRITING CENTER

Library Square, 210 E. 400 S. Suite 8
Salt Lake City, (801) 957-4992
<http://www.slcc.edu/cwc>
cwc@slcc.edu

Located in Library Square, the award-winning SLCC Community Writing Center (CWC) supports, motivates and educates people of all abilities and education backgrounds who want to use writing for practical needs, civic engagement and personal expression. The CWC believes that "Everyone can write!" and provides four programs to the entire Salt Lake area community.

The CWC's Writing Coaching program is a free service which provides one-on-one assistance on any type of writing: resumes, letters, proposals, fiction, etc. Writers get helpful feedback and guidance from a supportive coach at the CWC, and at locations around the valley. The CWC offers low-cost Writing Workshops that are also available to location organizations, businesses, agencies and offices in the CWC's Writing Partners program. Writing Partners collaborate with the CWC to increase their organization's self-sufficiency in all matters writing-related.

Finally, the CWC's DiverseCity Writing Series is a city-wide writing group and publishing program. Some writing groups are open to the public; others are for members of partner organizations. Writing groups focus on all kinds of writing: poetry, memoir, essays, fiction, etc.

The CWC also has volunteer opportunities for community members and for service-learning students. Contact the CWC for more information.

DIVISION OF BUSINESS AND EMPLOYER OUTREACH/MILLER BUSINESS RESOURCE CENTER

Miller Campus
9750 South 300 West
Sandy, Utah
(801) 957-5579
<http://www.slcc.edu/mbrc>

Karen Gunn, Division Chair
(801) 957-4366
Karen.Gunn@slcc.edu

The Miller Business Resource Center (MBRC) at Salt Lake Community College, provides opportunities for total and ongoing learning experiences for prospective, new, and established businesses. As an academic component of the college, it is housed in the Division of Business and Employer Outreach Educational Services.

The MBRC is committed to the critical elements of business success, educational training, mentoring, developing access to capital, and business incubation acceleration. Whether you are just starting up, or you're already an established company, MBRC offers a wide range of services to meet your needs. Five distinct but totally integrated programs provide learning opportunities designed to enhance the success of Utah small business owners and entrepreneurs:

- **SMALL BUSINESS DEVELOPMENT CENTER**
- **MILLER BUSINESS INNOVATION CENTER**
- **CORPORATE TRAINING**
- **MILLER GLOBAL BUSINESS CENTER**
- **EVENTS AND CONFERENCING**

SMALL BUSINESS DEVELOPMENT CENTER FOR START-UP AND EXISTING SMALL BUSINESSES

Director: Randy Schouten, (801) 957-5259
<http://www.slcc.edu/mbrc>

Salt Lake Community College's houses the Salt Lake Region Small Business Development Center to help companies create a viable and sustainable business by offering comprehensive pro-bono courses and services. Programs at the Center will set your company on the path to independence and profitability:

- Mentoring and Coaching
- Legal and Accounting Services
- Business Advisory Services
- Market Research Assistance
- Startup Managerial Training and Workshops
- Network of Business and Community Contracts

MILLER BUSINESS INNOVATION CENTER FOR EMERGING SMALL BUSINESSES

Director: Randy Schouten, (801) 957-5259
<http://www.slcc.edu/mbrc>

The Miller Business Innovation Center provides a physical infrastructure which helps emerging businesses grow to sustainability. The MBIC admits companies who have innovative business models, high growth strategies, and the potential for job creation. Admitted companies receive:

- Below market cost for office rental
- IT and Telecommunication services through Salt Lake Community College
- Mentoring and Coaching Program
- No cost legal and accounting services
- Access to funding streams

CORPORATE TRAINING FOR TRAINING IN ESTABLISHED BUSINESSES

Interim Director: Rick J. Graham, (801) 957-5215
<http://www.slcc.edu/mbrc>

Productivity and success of a company expand by keeping employees trained with current knowledge and skills. Salt Lake Community College Corporate Training can design training solutions that meet the specific needs of your company. Corporate Training supports employers who wish to upgrade the skill level of themselves and

their employees by creating learning experiences that will help meet the demands of the changing marketplace. Funding assistance is available for qualified employers:

- Customized Training Options
- Employer and Employee Outreach Education
- Need-based Assessment
- Custom Fit and Short-Term Training
- CAD Applications Training
- ACT Training and Testing

MILLER GLOBAL BUSINESS CENTER FOR EXPANDING BUSINESS INTERNATIONALLY

Director: Stan Rees, (801) 957-5556
<http://www.slcc.edu/mbrc>

Salt Lake Community College can put you in touch with the International Business network and help you develop international partnerships and affiliations. The Miller Global Business Center offers a certificate in Global Management that will increase your knowledge to developing global business strategies. The certificate program consists of five courses and includes 30 hours of classroom instruction:

- Educational Program Certificate in Global Management
- Affiliated International Network
- Partnerships in International Affiliations

MILLER CONFERENCING AND RENTAL FOR BUSINESSES NEEDING A PLACE TO MEET

Contact: Rochelle Brough (801) 957-5200
<http://www.slcc.edu/mbrc>

The Miller Campus hosts over 1200 meetings per year in its 50 plus meeting spaces. The Miller facilities, all of which are equipped with state-of-the-art presentation and communication technology, are also available for rental by any organization, company or group.

Our tiered Auditorium, located in the Miller Free Enterprise Center (MFEC) features: advanced audio visual touchpad system, including electronic whiteboard, DVD, 20'L x 16'H screen, flexible lighting control, video recording capabilities, and 100 flip top desks and 8 high speed laptop data ports.

The Karen Gail Miller Conference Center (KGMC) features acoustical absorption dividing panels, customizable setup configurations, and high speed, wireless Internet access, a North Hall for vendors or food setups, and adjacent outdoor 30' x 100' patio and Quad. Our highly trained staff will guide you in anticipating your needs and supporting your event.

The Miller Professional Development Center (MPDC) offers a wide variety of classrooms and computer labs featuring high-speed internet connections, white boards, TV VCR. Half-day rate is up to 5 hours rental, and full day rate is up to 9 hours rental. We are open from 7 AM to 10 PM.

- Professional Event Planning Consultation and Assistance
- Professional Training
- Extended Business Hours
- High Speed Wireless Internet
- Conveniently located
- Free Parking

Come by or call us at 957-5200, for a tour of our Conference Center, Auditorium, Computer Labs and Conference Rooms. Our trained staff is eager to help your event be successful.

To receive information regarding the rental of the Miller Campus, call (801) 957-5200 or visit us online at <http://www.slcc.edu/conted>.

For directions on how to get to the Miller Campus visit us at: <http://www.slcc.edu/miller/MAP/index.pdf>.

THE GRAND THEATRE

South City Campus - (801) 957-3322
<http://www.slcc.edu/the-grand>

The Grand Theatre is a 1,140-seat theatre featuring a full season of Broadway musicals with live orchestras and critically acclaimed Utah talent. In addition the Grand Theatre Community Institute develops outreach programs and partnerships that explore and celebrate our community's emerging diversity, through the performing arts and the humanities. We are dedicated to teaching, performing, presenting and viewing the performing arts.

Operating within a unique partnership with the Salt Lake Community College, the Grand Theatre provides a cultural arts and entertainment center, housed at South City Campus. This unique facility has been provided to create artistic enrichment and enjoyment for SLCC students, faculty, staff and residents of Salt Lake City and surrounding region.

Each year, the Grand Theatre stages five productions, providing students and community members with practical training and opportunities to showcase their collective talents. Shows are cast through the audition process. From musical theater such as *My Fair Lady* to Classic American theatre such as *A Thousand Clowns*, all productions bring opportunities to perform, create and promote theater. Complementing the theater program are presentations by local, national and international artists sponsored in most part by Student Fees and Fine Arts and Lectures Committee and Student Life and Leadership.

Consistent with the SLCC philosophy of providing educational opportunities with a career connection, the Grand Theatre offers students practical experience through creative and productive opportunities both on stage and within the production staff. The events and activities sponsored by the Grand Theatre are intended to provide maximum performance opportunities for students, staff and community members, as well as to offer high-caliber stage presentations in a college environment at a reasonable cost to theater patrons.

As it moves into another season of quality theatrical production, the Grand Theatre remains one of the most accessible community theaters in the Western United States.

THAYNE CENTER FOR SERVICE & LEARNING

Redwood Campus, SC 232 - (801) 957-4555
 South City Campus, E148A - (801) 957-3148
<http://www.slcc.edu/thaynecenter>

The Thayne Center for Service & Learning unites Salt Lake Community College with our greater community through civic participation, service-learning, and volunteerism. The Thayne Center is a valuable resource for those who would like to get involved with local non-profit and community agencies.

Student leaders working with the Thayne Center plan and coordinate service projects throughout the year. Projects may include one-time volunteer opportunities, community tours, various donation drives for community partners, and more! SLCC students may also participate in programs such as Alternative Break, AmeriCorps, America Reads, Service Council, and the Service-Learning Scholars Program.

Service-learning is a method of teaching and learning that combines community service with academic instruction. Service-learning focuses on critical, reflective thinking as well as personal and civic responsibility. The Service-Learning Program of the Thayne Center focuses on cultivating community partnerships, facilitating course development, and supporting faculty who engage in this innovative pedagogy.

SERVICE-LEARNING SCHOLARS PROGRAM

Students who wish to get more involved with service to the community may become Service-Learning Scholars. Scholars complete 150 hours of community service and 10 credits of service-learning coursework. This includes a one credit, independent study course where students design a capstone service project that combines their academic goals with community interests. Upon completion of the program, scholars graduate with service-learning distinction, wear cords of recognition at commencement, and receive formal acknowledgment of their accomplishments on their transcripts. This program transfers to the University of Utah's Service-Learning Scholars program.

SLCC DONATIONS, PROJECTS, AND VOLUNTEERS

The Thayne Center also coordinates all service projects at SLCC. Organizations seeking SLCC student, faculty, and staff participation in a charitable or service project should contact the Thayne Center for assistance. Call (801) 957-4555 for details.

INSTRUCTIONAL PROGRAMS AND AREAS OF STUDY

INSTRUCTIONAL PROGRAMS AND AREAS OF STUDY

page	Salt Lake Community College Instructional Programs and Areas of Study (Applicable degrees are indicated; where no degree is indicated, course(s) are offered in the subject.	Transfer Degrees ¹			AAS	AAS With Emphasis	Certificates of Completion ²	Diploma	Certificate ³
		AA	AS	APE					
-	ASL/I see <i>American Sign Language/Interpreting</i>								
245	Auto Collision Repair/Paint Technology (Apprenticeship)				X				
103	Automotive and Related Technologies								
103	Automotive Technician				X				
104	Automotive Collision Repair/Refinishing				X				
105	Automotive Collision Repair						X		
105	Automotive Refinishing						X		
	Aviation Technology								
106	Aviation Maintenance Technician				X			X	
107	Professional Pilot		X						
109	Barbering/Cosmetology				X		X	X	
269	Basic Health Records (Skills Center)						X		
110	Biology		X						
146	Biomedical Equipment Technology (Electronics Technology)					X			
112	Biotechnology Technician				X				
245	Boilermaker/Welder/Layout (Apprenticeship)				X				
245	Brick Mason Technology (Apprenticeship)				X				
113	Broadcast Video/Audio Production				X				
114	Building Construction/Construction Management				X				
246	Building Maintenance Technology (Apprenticeship)				X				
116	Cabinetmaking								X
116	Construction Management		X						
246	Building Maintenance Technology (Apprenticeship)				X				
117, 118, 119	Business	X	X						
120, 121	Business Management				X		X		
121	Production Operations and Supply Chain Management					X			
122	Small Business Ownership					X			
-	CAD see <i>Architecture and Engineering Design/Drafting Technology</i>								
156	CAD/CAM Engineering Technology (Engineering Design/Drafting Technology)		X						
246	Carpentry Independent Technology (Apprenticeship)				X				
247	Carpentry JATC Technology (Apprenticeship)				X				
263	CDL Learner's Permit Preparation (Skills Center)								
247	Cement Mason JATC Technology (Apprenticeship)				X				
268	Certified Nurse Assistant (Skills Center)								X
148	Chemical Engineering			X					
123	Chemistry		X						
125	Chemistry/Physical Science		X						
185	Chinese								

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		AA	AS	APE					
149	Civil/Environmental Engineering			X					
126	Communication		X						
126	Broadcast Journalism								
127	Broadcasting								
127	Interpersonal/Small Group Communication								
127	Organizational Communication								
127	Print Journalism								
127	Public Communication								
127	Public Relations								
127	Telecommunication (TV)								
150	Computer Engineering			X					
128	Computer Information Systems		X						
129	Computer Programming/Design					X			
130	e-Commerce					X			
131	Integrated Systems Specialist					X			
131	Personal Computing						X		
263	Computer Literacy Basics (Skills Center)								
	Computer Networking (Continuing Education)								
233	CISCO Networking Technology								X
233	Microsoft Server Administration								X
233	Microsoft Server Engineering								X
132	Computer Science		X						
265	Computer Support Specialist (A+ Certification) (Skills Center)						X		
233	Computer Workshops (Continuing Education)								
-	Construction <i>See Building Construction/ Construction Management</i>								
147	Consumer Electronics								X
-	Cosmetology <i>see Barbering/Cosmetology</i>								
134, 135	Criminal Justice		X		X				
247	Culinary Arts (Apprenticeship)				X				
270	Customer Service/Receptionist (Skills Center)								X
	Dance <i>see Fine Arts</i>								
269	Dental Office Assistant (Skills Center)								X
136	Dental Hygiene				X				
-	Design <i>see Visual Art and Design</i>								
137	Developmental Education								
138	Developmental Reading								
138	Developmental Writing								
138	Developmental Math								
138	Learning Enhancement								
162	English as a Second Language (Levels 1- 4)								
138	Diesel Systems Technology				X			X	

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		AA	AS	APE					
248	Diesel Systems Technology (Apprenticeship)				X				
272	Diesel Systems Technology (Skills Center)						X		
-	Drafting <i>see Architecture and Engineering Design/Drafting Technology</i>								
140	Economics		X						
-	Education <i>see Family and Human Studies, Paraeducation, Pre-Teacher Education</i>								
142	Electrical and Instrumentation Technology								
142	Electrical Technology				X		X		
143	Instrumentation Technology				X				
151	Electrical Engineering			X					
248	Electrical Independent Technology (Apprenticeship)				X				
142, 143	Electrical and Instrumentation Technology				X		X		
148	Electronic Assembly								X
-	Electronic Publishing <i>see Visual Art and Design</i>								
	Electronics and Computer Technology								
146	Biomedical Equipment Technology				X				
265	Computer Support Specialist (A+ Certification) (Skills Center)						X		
147	Consumer Electronics								X
249	Electronics and Computer Technology (Apprenticeship)				X				
148	Electronic Assembly								X
265	Electronics Assembly Technician (Skills Center)								X
144, 147	Electronics Technology		X		X		X		
266	Electronics Technician (Skills Center)						X		
267	Linux Network Administrator (Skills Center)						X		
267	Linux Support Specialist (Skills Center)						X		
266	Network Administrator (MCSA) (Skills Center)						X		X
266	Network Engineer (MCSE) (Skills Center)						X		
268	Technical Support Skills (Projects with Industry-special eligibility requirements apply.) (Skills Center)								
148	Engineering								
148	Chemical Engineering			X					
149	Civil/Environmental Engineering			X					
150	Computer Engineering			X					
151	Electrical Engineering			X					
152	Manufacturing Engineering			X					
152	Materials Science Engineering			X					
153	Mechanical Engineering			X					

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		AA	AS	APE					
154, 155, 156	Engineering Design/Drafting Technology		X		X				
156	CAD/CAM Engineering Technology		X						
155	Machining Technology						X		
157	Manufacturing Engineering Technology		X						
158	Mechanical Engineering Technology		X						
219	Surveying				X				
159	English	X	X						
	English-As-A-Second-Language								
263	Levels 1-3 (Skills Center)								
162	Levels 1-4 (Developmental Education)								
-	Environmental Geology <i>see Geosciences</i>								
162	Environmental Technology		X				X		
-	Ethnic Studies <i>see Social Work</i>								
250	Facilities Maintenance Technician (Apprenticeship)				X				
164, 165, 166	Family and Human Studies		X		X		X		
167	Child Development Associate Credential								X
233	Fashion Institute (Continuing Education)								X
250	Field Machinist Technology (Apprenticeship)				X				
-	Film <i>see Fine Arts</i>								
167	Film Production Technician				X				
168	Finance and Credit				X		X		
170	Fine Arts - Dance, Film, Fine Arts, Theater <i>see Visual Art and Design for Visual Art courses</i>								
-	Fine Arts - Music <i>see Music</i>								
171	Fitness Technician								
172	Personal Trainer Emphasis					X			
172	Group Exercise Instructor Emphasis					X			
-	Flight Technology <i>see Aviation Technology/ Professional Pilot</i>								
272	Fork Lift Training (Skills Center)								
185	French								
264	GED Test Preparation <i>see Skills Center and Continuing Education</i>								
234	Genealogy								X
172	General Studies		X						
174	Geographic Information Science Technology (GIST)				X				
-	Geography <i>see Geosciences</i>								
-	Geology <i>see Geosciences</i>								
175	Geosciences								
175	Environmental Geology		X						
176	Geography		X						
174	Geographic Information Science Technology (GIST)				X				

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		AA	AS	APE					
185	German								
177	Health and Lifetime Activities								
178	Health Science		X						
269	Health Unit Clerk/Coordinator (Skills Center)								X
250	Heating, Cooling and Refrigeration Technology (HVAC) (Apprenticeship)				X				
179	Heating, Ventilation, and Air Conditioning (HVAC)				X		X		
-	Heavy Duty Mechanics <i>see Diesel Systems Technology</i>								
180	History	X							
250	Hospitality Management (Apprenticeship)				X				
182	Humanities	X							
	Illustration <i>see Visual Art and Design</i>								
	Institute of Public Safety (Continuing Education)								
235	Special Function/Reserve Officer Training (Continuing Education)								X
235	Peace Officer Basic Training (Continuing Education)								X
235	Bail Enforcement Agent Training (Continuing Education)								X
236	Emergency Medical Technician Training (Continuing Education)								X
236	EMT Re-Certification Training (Continuing Education)								X
251	Instrumentation Technology (Apprenticeship)				X				
251	Iron Workers JATC Technology (Apprenticeship)				X				
236	Interior Design (Continuing Education)								X
183	International Studies	X							
184	International Studies: Area Study								
184	International Studies: Business								
184	International Studies: Language								
184	Italian								
184	Japanese								
251	Landscape Technology (Apprenticeship)				X				
185	Language and Culture - Arabic, Chinese, French, German, Italian, Japanese, Navajo, Portuguese, Russian, Samoan, Spanish, and Tongan								
-	Law Enforcement <i>see Institute of Public Safety</i>								
138	Learning Enhancement (Developmental Education)								
237	Legal Secretary (Continuing Education)								X
237	Library Technician (Continuing Education)								X
267	Linux Network Administrator (Skills Center)						X		
267	Linux Support Specialist (Skills Center)						X		
-	Machining Technology <i>see Engineering Design/Drafting Technology</i>						X		
273	Machinist (Skills Center)								X
252	Machinist Technology (Apprenticeship)				X				

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		AA	AS	APE					
152	Manufacturing Engineering			X					
157	Manufacturing Engineering Technology (<i>Engineering Design/Drafting Technology</i>)		X						
186	Marine Biology								
187	Marketing Management				X		X		
152	Materials Science Engineering			X					
188	Mathematics		X						
153	Mechanical Engineering			X					
158	Mechanical Engineering Technology (<i>Engineering Design/Drafting Technology</i>)		X						
190	Medical Administrative Assistant						X		
191	Medical Assistant						X		
270	Medical Coding & Billing (Skills Center)						X		
192	Medical Laboratory Technician				X				
214	Military Science (Army ROTC)								
252	Millwrights JATC Technology (Apprenticeship)				X				
193	Motorcycles and Outdoor Power Equipment Technology								
-	Multimedia <i>see Visual Art and Design</i>								
194	Music		X						
186	Navajo								
266	Network Administrator (MCSA) (Skills Center)						X		X
266	Network Engineer (MCSE) (Skills Center)						X		
195	Non-Destructive Testing Technology				X				
268	Nurse Assistant, Certified (Skills Center)								X
196	Nursing				X				
199	Occupational Therapy Assistant				X				
271	Office Clerk (Skills Center)						X		
271	Office Specialist (Skills Center)						X		
	Office Information Systems (Skills Center)								
270	Accounting Clerk (Skills Center)						X		
270	Customer Service/Receptionist (Skills Center)								X
269	Dental Office Assistant (Skills Center)								X
270	Medical Coding & Billing (Skills Center)						X		
271	Office Clerk (Skills Center)						X		
271	Office Specialist (Skills Center)						X		
253	Operating Engineers Technology (Apprenticeship)				X				
201	Paraeducation		X						
202	Paralegal Studies				X				
237	Pharmacy Technician (Continuing Education)								X
-	Philosophy <i>see Humanities</i>								
-	Photography <i>see Visual Art and Design</i>								
-	Physical Science <i>see Chemistry</i>								

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INSTRUCTIONAL PROGRAMS AND AREAS OF STUDY

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		AA	AS	APE					
203	Physical Therapist Assistant				X				
205	Physics		X						
253	Plumber/Pipefitter Independent Technology (Apprenticeship)				X				
254	Plumber/Pipefitter JATC Technology (Apprenticeship)				X				
254	Plumbing Independent Technology (Apprenticeship)				X				
206	Political Science		X						
186	Portuguese								
	Pre-Professional								
207	Pre-Chiropractic								
208	Pre-Dentistry/Pre-Medicine								
208	Pre-Law								
208	Pre-Occupational Therapy								
208	Pre-Pharmacy								
208	Pre-Physical Therapy								
208	Pre-Teacher Education		X						
121	Production Operations and Supply Chain Management					X			
273	Professional Truck Driving (Skills Center)								X
-	Projects with Industry/Technical Support Skills <i>see Skills Center - special eligibility requirements apply</i>								
210	Psychology		X						
211	Radiologic Technology				X				
264	Ready to Work Employment Skills (Skills Center)								
238	Real Estate Appraisal (Continuing Education)								X
255	Refrigeration JATC Technology (Apprenticeship)				X				
	Reserve Officer Training Corps (ROTC)								
214	Aerospace Studies (Air Force ROTC)								
214	Military Science (Army ROTC)								
186	Russian								
186	Samoan								
-	Small Business Ownership <i>see Business Management</i>								
215	Social Work	X	X						
217	Sociology		X						
186	Spanish								
255	Stagehand JATC (Apprenticeship)				X				
218	Surgical Technology						X		
219	Surveying				X				
268	Technical Support Skills (Projects w/Industry-special eligibility requirements apply) (Skills Center)								
	Telecommunications and Computer Networking				X				
221	Telecommunications Cable Installer								X
221	Telecommunications Network Technology								X
256	Telecommunications Technology (Apprenticeship)				X				

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		AA	AS	APE					
-	Theater, Theatre <i>see Fine Arts</i>								
238	Therapeutic Recreation Technician (Continuing Education)								X
186	Tongan								
222	Visual Art and Design				X				
224	Animation		X			X			
225	Design					X			
225	Illustration					X			
226	Multimedia					X			
227	Photography					X			
227	Electronic Publishing						X		
229	Welding				X			X	
256	Welding (Apprenticeship)				X				
274	Welding (Skills Center)						X		
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For specific student learning outcomes and assessments for individual **PROGRAMS**, please go to: <http://www.slcc.edu/curriculum/programs>. Find the degree and program name on the list and click to read about it.

For specific student learning outcomes and assessments for individual **COURSES**, please go to: <http://www.slcc.edu/curriculum/courses>. Find the course prefix and number on the list and click to read about it.

AAS IN HORTICULTURE SEE UNIVERSITY CENTER.

ACCOUNTING

SEE ALSO **SKILLS CENTER AND UNIVERSITY CENTER.**

Business Building 105 (801) 957-4325

General Information (801) 957-4073

Academic Advisor BB 132A (801) 957-4300

<http://www.slcc.edu/accounting/>

Professor: Lynnette M. Yerbury

Associate Professors: Gary Barnett, Jaydene Love,

Mark D. Moss, Scott Symes

Assistant Professors: Robert Burdette, Shauna Hatfield

THE PROGRAM

Accounting is the process that summarizes economic information about a business entity for use by decision makers. Users of this information include investors, creditors, management and government agencies. Often this information is prepared using computer applications. The Accounting program at SLCC provides training in financial and managerial accounting as well as in taxation. Students are taught both manual and basic computerized accounting systems. General Education courses provide training in effective oral and written communication and human relations skills. Students may earn a Certificate in Accounting (32 credit hours required) or may continue on to complete the Associate of Applied Science degree (68 credit hours required), leading to employment in areas such as accounts receivable, accounts payable, general ledger, and payroll.

Students who are interested in pursuing courses leading to a Bachelor's Degree in Accounting should follow the courses listed in the Business Associate of Science or the Business Associate of Arts Degree listed elsewhere in this catalog.

The associate degree Accounting program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate or degree. ACT or CPT placement exams are designed to assist in determining which preparatory classes may be appropriate for each student. Computer competency may be evidenced by successful completion of CIS 1020. Challenge examinations may be available for these courses.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review information at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>. A score of 84% or higher is required on each section of the test. Once the exam is passed, a P grade is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS

Cooperative Education is the College's program for recognizing and rewarding new learning associated with study-related employment in a business, industrial, or government work environment. Credit earned from ACCT 2000 is applied toward graduation requirements as an accounting elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN ACCOUNTING (minimum 68 hours required)

GENERAL EDUCATION REQUIREMENTS (18 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (12 CREDIT HOURS)			
COMPOSITION			
ENGL 1010 English Comp	3	A	pre-test
QUANTITATIVE LITERACY			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENG 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none
DISTRIBUTION AREAS (6 CREDIT HOURS)			
Choose an additional six credit hours from at least two of the following General Education areas:			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary: except BUS 1050 and FIN 1050.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (37 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
ACCT 1110 Financial Acct I	3	A	none
ACCT 1120 Financial Acct II	3	A	ACCT 1110
ACCT 1280 Acct Info Sys I	3	Sp, Su	ACCT 1110 or CIS 2410 or concurrent
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010 and CIS 1020 or comp
ACCT 2310 Intermed Acct I	4	F	ACCT 1280
ACCT 2410 Intermed Acct II	4	Sp	ACCT 2310
ACCT 2510 Acct Info Sys II	3	F, Su	ACCT 1280
ACCT 2540 Acct in Practice	3	Sp	ACCT 2410 or concurrent
CIS 2410 Adv Sprdsht Ap	3	Sp	CIS 1020 or comp
ECON 2020 Macroeconomic	3	A	none
FIN 2210 Principles of Bus Credit	2	A	ACCT 1110 or ACCT 2010
MGT 2050 Lgl Envir Bus	3	A	BUS 1050*

*See Business advisor.

ACCOUNTING ELECTIVES (8 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ACCT 2000 CO-OP	2-4	TBA	2 semesters of accounting program
ACCT 2050 Governmntl Acct	3	Sp	ACCT 1110
ACCT 2520 Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
ACCT 2530 Cost Accounting	3	Sp	ACCT 2020
ACCT 2990 Current Acct Top	1-3	TBA	variable

BUSINESS ELECTIVES**(5 CREDITS)**

COURSE		CR	SEM	PREREQUISITES
BUS 1050	Foundations of Busn	3	A	none
MKTG 1010	Cust Service Techn	2	A	none
FIN 1050	Personal Finance	3	A	none
FIN 2040	Financial Mgmt	3	Sp	ACCT 2020
MGT 1600	Mgmt Essentials	3	A	none
MKTG 1030	Intro to Marketing	3	A	none
MKTG 1090	Retail Management	3	F	none

SAMPLE SCHEDULE

FALL SEMESTER		
ACCT 1110	3	
ENGL 1010	3	
FIN 1380	3	
MKTG 1960	3	
BUS ELECTIVES	2-3	
DISTRIBUTION	3	
TOTAL	17-18	

SPRING SEMESTER		
ACCT 1120	3	
ACCT 1280	3	
ACCT 2020	3	
BUS 2200	3	
MGT 2050	3	
CIS 2410	3	
TOTAL	18	

2ND FALL SEMESTER		
ACCT 2310	4	
ACCT 2510	3	
ECON 2020	3	
FIN 2210	2	
ACCT ELECTIVES	2	
BUS ELECTIVES	3	
TOTAL	17	

2ND SPRING SEMESTER		
ACCT 2410	4	
ACCT 2540	3	
ACCT ELECTIVES	6	
DISTRIBUTION	3	
TOTAL	16	

CERTIFICATE OF COMPLETION/^{CTE} ACCOUNTING

(minimum 33 hours required)

MAJOR COURSE REQUIREMENTS**(29 CREDIT HOURS)**

COURSE		CR	SEM	PREREQUISITES
ACCT 1110	Financial Acct I	3	A	none
ACCT 1120	Financial Acct II	3	A	ACCT 1110
ACCT 1280	Acct Info Sys I	3	Sp, Su	ACCT 1110 or CIS 2410 or concurrent
ACCT 2020	Managerial Acct	3	A	ACCT 1110 or ACCT 2010 and CIS 1020 or comp
BUS 2200	Bus Communications	3	A	ENGL 1010
CIS 2410	Adv Sprdsht Ap	3	Sp	CIS 1020 or comp
ENGL 1010	Intro to Writing	3	A	pre-test
FIN 1380	Financial Math	3	A	MATH 0990 or CPT
MGT 2050	Lgl Envir Bus	3	A	BUS 1050*
MKTG 1960	Prof in Business	3	A	none

*See Business advisor.

BUSINESS OR ACCOUNTING ELECTIVES**(3 CREDIT HOURS)****SAMPLE SCHEDULE**

FALL SEMESTER		
ACCT 1110	3	
ENGL 1010	3	
FIN 1380	3	
MKTG 1960	3	
BUS ELECTIVES	3	
TOTAL	15	

SPRING SEMESTER		
ACCT 1120	3	
ACCT 1280	3	
ACCT 2020	3	
BUS 2200	3	
CIS 2410	3	
MGT 2050	3	
TOTAL	18	

ACCOUNTING CLERK

SEE SKILLS CENTER.

ADULT BASIC EDUCATION

SEE SKILLS CENTER.

AIR-CONDITIONING, HEATING, AND REFRIGERATION

SEE SKILLS CENTER.

AMERICAN SIGN LANGUAGE/INTERPRETING

Estimated cost of books and supplies per course \$60

Redwood Campus, Construction Trades Building 266 (801) 957-4338

General Information (801) 957-4073

Academic Advisor SC 240 (801) 957-6066

ASL/I Department Secretary (801) 957-4929 VP*

American Sign Language Lab: TB 418 Interpreting Lab: AD 153

* Hearing callers may place video relay calls to any deaf or hard-of-hearing individual by simply dialing the toll free number 1-866-FAST-VRS (1-866-327-8877) with a standard telephone. Then provide the interpreter with the VP number.

<http://www.slcc.edu/asl/>

Assistant Professors: Connie Spanton-Jex

Instructors: Duane Kinner, Jonathan Webb

THE PROGRAM

The American Sign Language/Interpreting program is designed to prepare students for an entry-level position in the rapidly expanding and rewarding field of interpreting. After successful completion of the program, students must apply for and pass the Utah State Interpreter Certification test to be able to work as an interpreter. The American Sign Language/Interpreting program will prepare students to take the Novice Level certification test offered by the state.

CAREER OPPORTUNITIES

Career opportunities for interpreters exist in the fields of education, business, employment, social services, mass media, finance, medical care, mental health, legal aid, law enforcement, religion, recreation, video relay services, and the arts. Under federal law any employer, governmental agency, public service provider, medical facility or business will be responsible to provide and pay for qualified interpreters if such services are requested.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

NOTE: A person must be 18 years of age before they can take any State or National certification exam.

ASL/INTERPRETER TRAINING ADMISSION PROCESS

The following admission criteria must be met before the applicant will be accepted into the program. *Please note that all admission criteria must have been completed within the past two years.

1. ASLI 1010 with a grade of B or better (A pass on the ASL 1010 challenge test or the ASL Level One Skill Certificate completed during high school from the Utah State Board of Education will also be accepted.)
2. ASLI 1020 at SLCC with a grade of B or better, or pass the ASL 1020 challenge test.
3. 40 or higher on the Arithmetic Portion of the CPT test or 15 or higher on the Math portion of the ACT. (Lower scores require completion of Math 0900 or with a C or better.)*
4. 81 or higher on the Reading Portion of the CPT test or 20 or higher on the Reading portion of the ACT. (Lower scores require completion of Writing 0990 with a C or better.)*

5. Previous experience with drama, debate or public speaking. Course may be from high school, SLCC or another college/university. If taking a course to fulfill this requirement at SLCC, COMM 1020, Elements of Public Speaking (IN, CM) will also fulfill a General Education requirement.

NOTE: Since courses which make up the interpreter training program are offered in an established sequence beginning every Fall semester, applications are accepted for Fall semester only.

ASL/INTERPRETER TRAINING APPLICATION PROCESS

1. Be admitted through the SLCC enrollment services as a matriculated student declaring a major in American Sign Language/Interpreting.
2. Complete application to enter the interpreting program and attach the following documents:
 - Transcripts showing all grades for ASL classes
 - CPT or ACT Scores for Math and English
 - Transcript showing completion of drama, debate or public speaking
3. Turn in the application, transcripts and test scores to the department secretary in AD 145 (grades must be posted for 1010 and 1020 on the transcript.)
4. Students who have satisfied the above criteria will then receive an acceptance letter with instructions for registering for interpreting program classes for Fall semester.

NOTE: Interpreting training class sizes are limited and taught only once a year. Students are encouraged to apply and register beginning in May, as classes are filled on a first accepted, first served basis!

REMAINING IN THE ASL/INTERPRETING TRAINING PROGRAM
Students in the American Sign Language/Interpreting program must maintain a grade of B or better in each class. If a lower grade than a B is received, the student will be unable to continue in the program until that class can be retaken and a satisfactory grade is earned.

AMERICAN SIGN LANGUAGE AS A FOREIGN LANGUAGE ONLY
For students who wish to take American Sign Language classes only to fulfill their foreign language requirement and who do not intend to enroll in the interpreter training program, the only minimum grade requirement is a passing grade. The following courses may be taken without being enrolled in the interpreter training program: ASLI 1010, 1020, 1300, 1430, 2010, 2020, 2300 and 2900.

CLASS AVAILABILITY

Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS

COMPOSITION (COMPLETE TWO ENGLISH COURSES)

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010
OR				
MATH 1050	College Algebra	4	A	MATH 1010
OR				
MATH 1090	College Alg Bus	3	A	MATH 1010

AMERICAN INSTITUTIONS AI (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

Communication or depth course.

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
**ASLI 1010	Begning ASL I	5	A	none	
**ASLI 1020	Begning ASL II	5	A	ASLI 1010	
ASLI 1200	Intro to Interp	3	F	ASLI 1020	
**ASLI 1220	Cog Prc/Int Ana	3	F	ASLI 1020	
ASLI 1300	Conversation I	1	F, Sp	ASLI 1010	
ASLI 1400	Cross-Cult Intrp	3	Sp	ASLI 1200, ASLI 1220, ASLI 2010	
**ASLI 1420	Consec Interp	3	Sp	ASLI 1200, ASLI 1220, ASLI 2010	
ASLI 1430	Linguistics ASL	3	Sp	ASLI 1200, ASLI 1220, ASLI 2010	
**ASLI 2010	Intermed ASL I	5	A	ASLI 1020	
ASLI 2020	Intermed ASL II	5	F, Sp	ASLI 2010	
**ASLI 2200	Simul Interp	3	F	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020	
ASLI 2220	Educational Intrp	3	F	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020	
ALSI 2250	Mentorship	2	F	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020	
ASLI 2300	Conversation II	1	F	ASLI 1020, ASLI 1300	
ASLI 2400	Practicum	3	Sp	ASLI 2200, ASLI 2220, ASLI 2250	
ASLI 2410	Practicum Seminar	1	Sp	ASLI 2200, ASLI 2220, ASLI 2250	

**Lab required.

OPTIONAL ELECTIVE**COURSE CR SEM PREREQUISITES**

ASLI	1900	Independent Studies	1-3	TBA	instructor's approval
ASLI	2900	Special Studies	1-3	TBA	instructor's approval

NOTE: Students who complete ASLI 1010, 1020, 2010, and 2020 will add an additional 20 credits to the minimum of 63 hours.

SAMPLE SCHEDULE

FALL SEMESTER					SPRING SEMESTER				
ASLI	1010	5			ASLI	1020	5		
ENGL	1010	3			ENGL	2010	3		
AMERICAN INST		3			MATH	1040	3		
DISTRIBUTION		3			OR				
HLAC		1			MATH	1050	4		
TOTAL		15			OR				
					MATH	1090	3		
					STUDENT CHOICE		3		
					TOTAL		15		
2ND FALL SEMESTER					2ND SPRING SEMESTER				
ASLI	1200	3			ASLI	1400	3		
ASLI	1300	1			ASLI	1420	3		
ASLI	1220	3			ASLI	1430	3		
ASLI	2010	5			ASLI	2020	5		
DISTRIBUTION		3			TOTAL		14		
TOTAL		15							
3RD FALL SEMESTER					3RD SPRING SEMESTER				
ASLI	2200	3			ASLI	2400	3		
ASLI	2220	3			ASLI	2410	1		
ASLI	2250	2			DISTRIBUTION		3		
ASLI	2300	1			DISTRIBUTION		3		
DISTRIBUTION		3			DISTRIBUTION		3		
TOTAL		12			TOTAL		13		

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

ANTHROPOLOGY

SEE HUMANITIES.

APPLIED MANAGEMENT

SEE UNIVERSITY CENTER.

APPRENTICESHIPS

SEE APPRENTICESHIPS.

ARABIC

SEE LANGUAGE AND CULTURE.

ARCHITECTURAL TECHNOLOGY

Estimated cost of books per year	First Year	\$300-\$500
	Second Year	\$300-\$500

Technology Building room 416E (801) 957-4174

General Information (801) 957-4827

Academic Advisor PO1 (801) 957-4858

<http://www.slcc.edu/arch/>

Associate Professors: Norman Clark, Kevin King, Jeff Plant
Instructor: Dayman Stevens

THE DEPARTMENT

The Architectural Technology Department offers a program completing the requirements for a two-year Associate of Science (AS) degree for students who plan to transfer to a four-year university

and a two-year Associate of Applied Science (AAS) degree. Students in the AS degree program may specialize in two areas, Architecture and Construction Management. Students in the AAS degree program may specialize in four general areas: architecture, architectural CAD and computer graphics, construction management and structural/civil design. For people already in an architectural or construction-related profession who want additional training, certificates are available in each of these specialized areas.

The major aspects of architectural design and practice are presented to students in a balanced approach that allows them to gain a general understanding of the profession and practice as well as to acquire marketable skills in design, architectural practice, construction documentation, CAD and computer graphics.

The program emphasizes the real world application of all concepts, principles and techniques. Instruction is enhanced by exposing the students to real world materials and techniques through instructor experience and knowledge as well as visits from and exposure to architectural design professionals.

Life skills also are stressed to enhance students' architectural skills. These include communication, time management, graphics, creative problem solving, group dynamics, responsibility and professionalism. Students are qualified for a variety of job and educational opportunities upon completion of the program.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the architecture program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

CSI (Construction Specifications Institute) - Students have an opportunity to join CSI, a national organization that allows students to associate with industry professionals, sponsors design competitions for various organizations, and participate in community service projects and develop leadership skills.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan extra time to complete a degree. A high school curriculum heavily weighted in mathematics, science, and communication skills is highly recommended. Placement testing will be done upon entry to the College unless the student has prior college-level experience.

CLASS AVAILABILITY

The semester in which the courses are taught are listed below. Please note that because of the nature of the program, classes are sequential and not offered every semester. Students should check department web page for updates and cancellations due to varying enrollments.

TRANSFER NOTE

The Graduate School of Architecture at University of Utah requires a diversity requirement. It is recommended that the requirement be satisfied before graduation from SLCC. Check with the Architecture Department or an Academic Advisor for a current list of qualifying classes.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

ARCHITECTURAL TECHNOLOGY/ ARCHITECTURE

(minimum 60 hours required)

THE PROGRAM

The AS degree is designed to transfer to four-year institutions in the Utah System of Higher Education. This program has been specifically designed to be an integral part of the bachelor's degree in architecture and is transferable to the University of Utah. Students who plan to transfer to the University of Utah should make contact with the architecture department early in their program. Students entering SLCC or the U of U have the opportunity to complete the same program in the same number of years.

This program introduces students to basic concepts in architectural design and delineation. Beginning skills in design are acquired as students learn to generate creative solutions to various design problems. Skills are developed in the area of delineation with courses presenting concepts of freehand sketching, perspectives, digital image manipulation and other methods of design idea representation.

CAREER OPPORTUNITIES

This program also provides excellent entry-level skills, which when built upon, will enable students to advance to lower- or middle-management positions, depending on the individual person. However, at the highest end of the profession, architecture requires advanced education and licensing. One usually cannot advance to upper-level management, partnership, or ownership positions without a Bachelor's or Master's degree in architecture. To help students with additional professional education, the Architectural Technology program has clearly articulated transfer of this program with the Graduate School of Architecture at the University of Utah.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Those classes noted below with an asterisk are not directly required by the University of Utah for articulation, but they have been formulated in conjunction with the University of Utah program to increase the student's knowledge base and background. These classes may be substituted by any of the approved departmental classes.

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2100 Technical Wrtngr OR	3	A	ENGL 1010
ENGL 2010 Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	—	1	A	none
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STUDENT CHOICE (3 CREDITS)

Communication or depth course.

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

Physical Science distribution area is exempted because PHYS 2010 is required for program.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro to Des Pro	3	F	none
ARCH 1130 Basic Drawing	3	F	none
ARCH 1510 Arch Des Wksp	3	Sp	ARCH 1130 or concurrent
PHYS 2010 College Physics I	4	A	MATH 1060 (lab not required)
PHYS 2020 College Physics II	4	A	PHYS 2010
Electives	11		

SUGGESTED ELECTIVES

COURSE	CR	SEM	PREREQUISITES
*ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
*ARCH 1310 Intro AutoCAD	3	F	computer literacy
*ARCH 2150 Arch Graphics	3	Sp	ARCH 1130

NOTE: The following courses are approved departmental electives that can be taken in place of the suggested electives noted above with an asterisk. Students must select a minimum of 11 credits from the following list. It is the student's responsibility to examine each course description for details of prerequisite courses.

APPROVED ELECTIVES

COURSE	CR	SEM	PREREQUISITES
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310 Intro AutoCAD	3	F, Sp	computer literacy
ARCH 1350 Comp Graphics	3	F	computer literacy
ARCH 2150 Arch Graphics	3	Sp	ARCH 1130
ARCH 2310 Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2320 Mdlng/Rndng/AnmII	3	Sp	ARCH 2310
ARCH 2350 Adv Arch CAD	3	Sp	ARCH 1310
ARCH 2510 Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520 Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. to graduate in two years, a student must follow the suggested program schedule.

FALL SEMESTER			SPRING SEMESTER		
ARCH 1010	3		ARCH ELECTIVES	8	
ARCH 1130	3		ENGL 2010	3	
ARCH ELECTIVE	3		OR		
ENGL 1010	3		ENGL 2100	3	
DISTRIBUTION	3		DISTRIBUTION	3	
TOTAL	15		TOTAL	15	

2ND FALL SEMESTER			2ND SPRING SEMESTER		
PHYS 2010	4		ARCH 1510	3	
STUDENT CHOICE	3		PHYS 2020	4	
AMERICAN INST	3		MATH 1210	4	
DISTRIBUTION	6		DISTRIBUTION	3	
TOTAL	16		TOTAL	14	

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

ARCHITECTURAL TECHNOLOGY/ CONSTRUCTION MANAGEMENT

(minimum 64 hours required)

THE PROGRAM

The AS Degree is designed to transfer to four-year institutions in the Utah System of Higher Education. This program is specifically designed to transfer to Weber State University in accordance with the established articulation agreement and fulfills the lower level course requirements for the Bachelor of Science in Construction Management Technology. Students who plan to transfer to Weber should make contact with the Parson's Construction Management Technology Program early in their course of study, at (801) 626-7761. Students entering SLCC or Weber have the opportunity to complete the same program in the same number of years.

The Construction Management Program is designed to provide professional development training for individuals desiring to work in construction and architectural industries and associated fields. Students in the program will be trained in the techniques and practices of organizing and supervising the construction process. All courses will be taught by members of the industry. The program will provide individuals planning to pursue construction management as a career with course work that can augment the job-related experience gained during or after enrollment at the College. Courses in the program concentrate primarily on those skills utilized in the field including cost estimating, bidding contracts and liability, supervision and safety, scheduling and coordination and mechanical and electrical interface in buildings.

The program currently offers classes from Weber State University through the SLCC University Center program that allows students to take Weber State University Construction Management classes at SLCC and obtain a B.S. in Construction Management.

Changes can be made to the AS program at any time to match the Weber CMT program and maintain the articulation. It is recommended that students contact the Architectural Technology Department Coordinator at 957-4174 or Parson's Construction Management Technology Department Coordinator at Weber State at (801) 626-7761. They will provide the latest approved course lists and sample schedules.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intermed Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY				
MATH 1060	Trigonometry	3	A	MATH 1050
AMERICAN INSTITUTIONS (CHOOSE ONE)				
ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	American Civ	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS				
HLAC	_____	1	A	none

STUDENT CHOICE (3 CREDITS)

COMM 1010	Intro to Comm	3	A	none
OR				
COMM 1020	Princpls of Pub Spk	3	A	none

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

Physical Science distribution area is exempted because PHYS 2010 is required for program and WSU.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(REQUIRED 31-33 CREDITS)				
COURSE		CR	SEM	PREREQUISITES
ARCH 1010	Intro Design Pro	3	F	none
ARCH 1100	Intro Arch Draw	3	Sp	none
ARCH 1210	Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 2060	Cons Doc Fund	3	F	ARCH 1010 or approval
ARCH 2210	Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2460	Constr Estimating	2	F, Sp	ARCH 1210 or BCCM 1010
ARCH 2470	Bldg Codes	2	F, Sp	none
PHYS 2010	College Physics I	4	A	MATH 1060 (lab not required)
ARCH	Elective (choose one below)	3-5		

ELECTIVE OPTIONS

Students may select additional electives designed to meet Weber State University requirements for the bachelor's in Construction Management Technology. (See advisor or program coordinator and ask for the Transfer Recommendations form). If students have not had "hands on" construction experience, it is recommended that they take Construction Lab (BCCM 1050) as an elective. These courses are currently not applicable to Weber's program but would provide important background for students with no prior construction experience.

DEPARTMENTAL ELECTIVES (CHOOSE ONE BELOW)

COURSE		CR	SEM	PREREQUISITES
*ARCH 1310	Intro AutoCAD	3	F	Computer Literacy
ARCH 2450	Construct Mgmt	3	F	ARCH 1210 or ARCH 1370
*ARCH 2510	Arch CAD II	5	F	ARCH 1310
*ARCH 2520	Arch CAD III	5	Sp	ARCH 2510
SVT 1030	Survey Field Techn	3	F	SVT 1110
BCCM 2050	Concrete Theory	3	F, Sp	BCCM 1010 or ARCH 1210

*Course suggested for background experience, but does not transfer.

TRANSFER RECOMMENDATIONS

In addition to the required courses listed above, WSU's Construction Management program requires the following electives that may be lower division and completed at SLCC:

COURSE		CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct	3	A	none
ECON 2010	Microeconomics	3	A	none
ECON 2020	Macroeconomics	3	A	none
GEO 1110	Physical Geology	3	F	w/GEO 1115
AND				
GEO 1115	Phys Geology Lab	1	F	w/GEO 1110
OR				
GEO 1060	Environmtl Geol	3	Sp	w/GEO 1065
AND				
GEO 1065	Envnmtl Geol Lab	1	Sp	w/GEO 1060
MGT 2050	Legal Env of Bus	3	A	BUS 1050

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. to graduate in two years, a student must follow the suggested program schedule.

FALL SEMESTER			SPRING SEMESTER		
ARCH 1010	3		ARCH 1100	3	
COMM 1010	3		ARCH 1210	5	
OR			ENGL 2010	3	
ENGL 1010	3		OR		
HLAC	1		DISTRIBUTION	6	
DISTRIBUTION	6		TOTAL	17	
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ARCH 2060	3		ARCH 2460	2	
ARCH 2210	5		ARCH 2470	2	
MATH 1060	3		ARCH ELECTIVES	3-5	
AMERICAN INST	3		PHYS 2010	4	
DISTRIBUTION	3		TOTAL	14-16	
TOTAL	17				

ASSOCIATE OF APPLIED SCIENCE DEGREE IN ARCHITECTURAL TECHNOLOGY

(minimum 67 hours required)

THE PROGRAM

The architecture technology program curriculum leads to an AAS in architectural technology and is designed to provide students with the skills required to become architectural drafters/detailers. The AAS curriculum concentrates on the process involved in preparing sets of presentation and construction documents. Drawing skills are developed using classical drafting techniques and computer-aided design (CAD) systems. In this process, students study construction details, mechanical systems, building code, specifications and building construction techniques.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CAREER OPPORTUNITIES

A graduate of this program will have the skills required to be drafters in an architectural, consulting, engineering or contracting office.

Students will be qualified for positions in building materials and equipment sales, specification writing and as assistant construction field representatives or any other architecture-related positions.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
MATH 1010	Interm Algebra	4	A	MATH 0990
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
OR				
COMM 1020	Prncpls Public Spk	3	A	none
HUMAN RELATIONS				
LE 1220	Human Relation	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1010	Intro Design Pro	3	F	none
ARCH 1100	Intro Arch Draw	3	Sp	none
ARCH 1130	Basic Drawing	3	F	none
ARCH 1210	Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310	Intro AutoCAD	3	F	computer literacy
ARCH 1350	Comp Graphics	3	F	computer literacy
ARCH 1510	Arch Des Wksp	3	Sp	ARCH 1130 or concurrent
ARCH 2060	Cons Doc Fund	3	F	ARCH 1010 or instructor's approval
ARCH 2150	Arch Graphics	3	Sp	ARCH 1130
ARCH 2210	Commercial Const	3	F	ARCH 1210 or BCCM 1010
ARCH 2240	Applied Structures	4	F, Sp	none
ARCH 2310	Mdng/Rndng/Anm1	3	F	ARCH 1310
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. to graduate in two years, a student must follow the suggested program schedule.

FALL SEMESTER			SPRING SEMESTER		
ARCH 1010	3		ARCH 1100	3	
ARCH 1130	3		ARCH 1210	5	
ARCH 1310	3		ARCH 2150	3	
ARCH 1350	3		ENGL 1010	3	
ARCH 2240	4		COMM 1010	3	
TOTAL	16		OR		
			COMM 1020	3	
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ARCH 2060	3		ARCH 1510	3	
ARCH 2210	5		ARCH 2520	5	
ARCH 2310	3		LE 1220	3	
ARCH 2510	5		MATH 1010	4	
TOTAL	16		DISTRIBUTION	3	
			TOTAL	18	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN ARCHITECTURAL TECHNOLOGY/CAD AND COMPUTER GRAPHICS EMPHASIS

(minimum 66 hours required)

THE PROGRAM

Computers are being used at an increasing rate in the practice of architecture. A large percentage of design professionals perform a majority of their drawings using CAD systems. Professionals are using computers for many tasks, including graphic delineation, modeling, rendering, animation and to establish internet presence and interaction.

Students in the architectural CAD and computer graphics program will have the opportunity to specialize their architectural training in the developing area of computers. This specialization will provide students with the opportunity to develop computer skills in all areas of CAD, modeling, rendering, animation and graphic presentation. Students will examine the more technical programming side of CAD by acquiring skills to enable them to customize and manage existing CAD software to function more efficiently.

CAREER OPPORTUNITIES

AAS graduates are qualified with entrance level skills to work in an architectural profession or related fields as an architectural draftsman, Computer/CAD Consultant, Computer Presentation Designer, or other field in CAD design. This specialization will also provide students with the background knowledge leading to a speciality in CAD programming and CAD office management.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
MATH 1010 Interm Algebra	4	A	MATH 0990
COMMUNICATION			
COMM 1010 Elem of Eff Comm	3	A	none
OR			
COMM 1020 Pncpls Pb Spk	3	A	none
HUMAN RELATIONS			
LE 1220 Human Relation	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro Design Pro	3	F	none
ARCH 1100 Intro Arch Draw	3	Sp	none
ARCH 1130 Basic Drawing	3	F	none
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310 Intro AutoCAD	3	F	computer literacy
ARCH 1350 Comp Graphics	3	F	computer literacy
ARCH 1510 Arch Des Wksp	3	Sp	ARCH 1130 or concurrent
ARCH 2210 Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2310 Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2320 Mdlng/Rndng/AnmII	3	Sp	ARCH 2310

ARCH 2330 CAD Custom	3	Sp	ARCH 1310, ARCH 2510 or instructor's approval
ARCH 2350 Adv Arch CAD	3	Sp	ARCH 1310
ARCH 2510 Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520 Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. to graduate in two years, a student must follow the suggested program schedule.

FALL SEMESTER			SPRING SEMESTER		
ARCH 1010	3		ARCH 1100	3	
ARCH 1130	3		ARCH 1210	5	
ARCH 1310	3		COMM 1010	3	
ARCH 1350	3		ENGL 1010	3	
MATH 1010	4		DISTRIBUTION	3	
TOTAL	16		TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ARCH 2210	5		ARCH 1510	3	
ARCH 2310	3		ARCH 2320	3	
ARCH 2510	5		ARCH 2330	3	
LE 1220	3		ARCH 2350	3	
TOTAL	16		TOTAL	17	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN ARCHITECTURAL TECHNOLOGY/CONSTRUCTION MANAGEMENT EMPHASIS

(minimum 68 hours required)

THE PROGRAM

The construction industry is among the largest in the United States, with more than half a million construction related firms ranging from single practitioners to large corporations employing hundreds of individuals. The industry is complex, requiring the expertise of numerous specialists from diverse fields. Construction is labor-intensive; managing complex projects requires expertise in supervising people, compiling project schedules involving subcontractors as well as general contractors and having technical knowledge in various construction-related disciplines. New construction management approaches are being adopted throughout the industry that foster greater efficiency, quality and economics.

The construction management program is designed to provide professional development training for individuals desiring to work in construction and architectural industries and associated fields. Students in the program will be trained in the techniques and practices of organizing and supervising the construction process. All courses will be taught by members of the industry. The program will provide individuals planning to pursue construction management as a career with course work that can augment the job-related experience gained during or after enrollment at the College. Courses in the program concentrate primarily on those skills used in the field including cost estimating, bidding contracts and liability, supervision and safety, scheduling and coordination and mechanical and electrical interface in buildings.

CAREER OPPORTUNITIES

A graduate of this program could be employed as an architectural drafter, specification writer, estimator, job captain or project manager for architects, contractors or developers. Students will have the skills to pursue careers in diverse construction-related positions.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE LITERACY

MATH 1010 Interm Algebra 4 A MATH 0990

COMMUNICATION

COMM 1010 Elem of Eff Comm 3 A none

HUMAN RELATIONS

LE 1220 Human Relation 3 A none

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1010	Intro Design Prof	3	F	none
ARCH 1100	Intro Arch Draw	3	Sp	none
ARCH 1210	Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310	Intro AutoCAD	3	F	computer literacy
ARCH 2060	Const Doc Fund	3	F	ARCH 1010 or approval
ARCH 2210	Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2220	Building Structures I	3	F, Sp	MATH 1010
ARCH 2460	Construct Estim	2	Sp	ARCH 1210 or BCCM 1010
ARCH 2470	Bldg Cd Zn Ins	2	F, Sp	none
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510
BCCM 2200	Office Management	3	A	all 1000 level courses
BCCM 2210	Field Management	3	A	all 1000 level courses
SVT 1030	Survey Field Techni	3	Sp	SVT 1110 or MATH 1060
SVT 1110	Surveying Math I	4	F	MATH 1010 or CPT score

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. to graduate in two years, a student must follow the suggested program schedule.

FALL SEMESTER		SPRING SEMESTER	
ARCH 1010	3	ARCH 1100	3
COMM 1010	3	ARCH 1210	5
ARCH 1310	3	ARCH 2060	3
ENGL 1010	3	ARCH 2220	3
MATH 1010	4	LE 1220	3
TOTAL	16	TOTAL	17
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ARCH 2210	5	ARCH 2520	5
ARCH 2510	5	ARCH 2460	2
BCCM 2200	3	ARCH 2470	2
SVT 1110	4	BCCM 2210	3
TOTAL	17	SVT 1030	3
		DISTRIBUTION	3
		TOTAL	18

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN ARCHITECTURAL TECHNOLOGY/STRUCTURAL/CIVIL DESIGN EMPHASIS

(minimum 64 hours required)

NOTE: Not accepting new enrollments. Existing students will be completed by end of Fall Semester 2007.

THE PROGRAM

Students in the architectural structural/civil design program will have the opportunity to specialize their architectural training in the areas of civil and structural steel design. This specialization will provide students with the opportunity to develop their design skills in the three related discipline areas that are required to work as designers in the construction industry.

CAREER OPPORTUNITIES

Graduates of this program are qualified with entrance level skills in the areas of civil engineering and structural steel design.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
MATH 1010	Interm Algebra	4	A	MATH 0990
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
OR				
COMM 1020	Pncpls Pb Spk	3	A	none
HUMAN RELATIONS				
LE 1220	Human Relations	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1010	Intro Design Prof	3	F	none
ARCH 1100	Intro Arch Draw	3	Sp	none
ARCH 1120	Civil Drafting	3	F	ARCH 1320
OR				
EDDT 2190	Civil Drafting	3	F	EDDT 1040 or EDDT 1420
ARCH 1130	Basic Drawing	3	F	none
ARCH 1210	Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310	Intro AutoCAD	3	F	computer literacy
ARCH 1320	Basic MicroStatn	2	A	none
OR				
EDDT 1420	Basic Micro Statn	2	A	none
ARCH 2140	Steel Detailing	4	Sp	ARCH 2220
OR				
EDDT 2240	Steel Detailing	4	Sp	MATH 1030

ARCH 2210	Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2240	Applied Structures	4	F, Sp	none
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510
SVT 2290	App Srvy Drftng	3	Sp	EDDT 2190 or ARCH 1120

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every semester. To graduate in two years, a student must follow the suggested program schedule

FALL SEMESTER

ARCH 1010	3
ARCH 1130	3
ARCH 1310	3
MATH 1010	4
DISTRIBUTION	3
TOTAL	16

SPRING SEMESTER

ARCH 1100	3
ARCH 1210	5
ARCH 1320	2
OR	
EDDT 1420	2
ENGL 1010	3
LE 1220	3
TOTAL	16

2ND FALL SEMESTER

ARCH 1120	3
OR	
EDDT 2190	3
ARCH 2210	5
ARCH 2240	4
ARCH 2510	5
TOTAL	17

2ND SPRING SEMESTER

COMM 1010	3
OR	
COMM 1020	3
ARCH 2140	4
OR	
EDDT 2240	4
ARCH 2520	5
SVT 2290	3
TOTAL	15

CERTIFICATE/ARCHITECTURAL TECHNOLOGY/CAD AND COMPUTER GRAPHICS^{CTE}

(minimum 28 hours required)

NOTE: Not accepting new enrollments. Existing students will be completed by end of Fall Semester 2007.

THE PROGRAM

The architectural CAD and computer graphics certificate is designed specifically for individuals who have prior education experience in the design and architectural industries and want to learn more about graphic design and CAD management. This program will increase the individual's ability to enter the CAD work field. Many employers are requiring CAD knowledge for entry-level positions; others are requiring employees to know CAD to advance in their firm. This program will provide students with the opportunity to develop a variety of computer skills in all areas of CAD, modeling, rendering, animation and graphic presentation.

CAREER OPPORTUNITIES

A graduate of this program could be employed as a computer or CAD specialist, computer operations trainer or supervisor, computer presentation designer and computer or CAD programmer. This specialization could lead to careers in computer graphics, 3D modeling, rendering and animation in a number of professions.

PREREQUISITES

Admission to the CAD and computer graphics certificate program is based on prior related work education experience. Students applying for entrance into this program must first obtain approval from the architectural technology department.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1310	Intro AutoCAD	3	F	computer literacy
ARCH 1350	Comp Graphics	3	F	computer literacy
ARCH 2310	Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2320	Mdlng/Rndng/AnmII	3	Sp	ARCH 2310
ARCH 2330	CAD Custom	3	Sp	ARCH 1310, ARCH 2510, or instructor's approval
ARCH 2350	Adv Arch CAD	3	Sp	ARCH 1310
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

CERTIFICATE/ARCHITECTURAL TECHNOLOGY/CONSTRUCTION MANAGEMENT^{CTE}

(minimum 32 hours required)

NOTE: Not accepting new enrollments. Existing students will be completed by end of Fall Semester 2007.

THE PROGRAM

The construction management certificate is designed specifically for individuals who have prior education experience in the construction and architectural industries and want to learn more about construction management. The program will provide individuals planning to pursue construction management as a career with course work that can augment the job-related experience gained during or after enrollment at the College. Students in the program will be trained in the techniques and practices of organizing and supervising the construction process. These related office procedures include cost estimating, bidding contracts and liability, supervision and safety, scheduling and coordination and mechanical and electrical interface in buildings.

CAREER OPPORTUNITIES

A graduate of this program could be employed as a specification writer, estimator, general contractor assistant, project manager for architects, contractors or developers or any other of the many diverse construction-related positions.

PREREQUISITES

Admission to the construction management certificate program is based on prior related education experience. Students applying for entrance into this program first must obtain approval from the architectural technology department.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1210	Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 2060	Const Doc Fund	3	F	ARCH 1010 or instructor's approval
ARCH 2210	Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2450	Const Mgnt	5	F	ARCH 1210 or ARCH 1370
ARCH 2460	Constr Estimating	2	F, Sp	ARCH 1210 or BCCM 1010
ARCH 2470	Bldg Cd Zn Ins	2	F, Sp	none
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

CERTIFICATE/ARCHITECTURAL TECHNOLOGY/STRUCTURAL/ CIVIL DESIGN^{CTE}

(minimum 26 hours required)

NOTE: Not accepting new enrollments. Existing students will be completed by end of Fall Semester 2007.

THE PROGRAM

The structural/civil design certificate is designed specifically for individuals who have prior education experience in structural/civil design and/or architectural-related experience and want to learn more. The program will provide individuals planning to pursue structural/civil design as a career with course work that can augment the job-related experience gained during or after enrollment at the College.

PREREQUISITES

Admission to the structural/civil design certificate program is based on prior related education experience. Students applying for entrance into this program first must obtain approval from the Architectural Technology department.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1120	Civil Drafting	3	F	ARCH 1320
OR				
EDDT 2190	Civil Drafting	3	F	EDDT 1040 or EDDT 1420
ARCH 1320	Basic MicroStatn	2	A	none
OR				
EDDT 1420	Basic Micro Statn	2	A	none
ARCH 2140	Steel Detailing	4	Sp	ARCH 2220
OR				
EDDT 2240	Steel Detailing	4	Sp	MATH 1030
ARCH 2240	Applied Structures	4	F, Sp	none
ARCH 2510	Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520	Arch CAD III	5	Sp	ARCH 2210, ARCH 2510
SVT 2290	App Surv Drafting	3	Sp	EDDT 2190 or ARCH 1120

ARMED SERVICES

SEE RESERVE OFFICER TRAINING CORPS. ALSO SEE SKILLS CENTER.

ART

SEE VISUAL ART AND DESIGN.

ART HISTORY

SEE HUMANITIES.

ASL

SEE AMERICAN SIGN LANGUAGE/INTERPRETING.

AUTO COLLISION REPAIR/PAINT TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

AUTOMOTIVE AND RELATED TECHNOLOGIES

SEE ALSO MOTORCYCLES AND OUTDOOR POWER
EQUIPMENT TECHNOLOGY

Miller Campus

Automotive Training Center (801) 957-5200

General Information (801) 957-4346

Academic Advisor CT 186 (801) 957-4550

<http://www.slcc.edu/autotechnologies/>

Assistant Professors: Vince Badger, Brett Baird, Jerry Johnson, Mike Millet.

Instructor: Bill Breedlove, John Roberts, Charles Spainhower, Ed White

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN AUTOMOTIVE TECHNICIAN

(minimum 70 hours required)

Estimated cost of tools and supplies

\$2,000

Estimated cost of books

\$ 720

THE PROGRAM

The four-semester automotive technician program is designed to train students in both domestic and imported vehicle mechanics and repairs. It prepares students to enter into the job market as technicians skilled in all facets of automotive repair.

Prospective auto technicians should be in good physical condition, have above average mechanical aptitude and hand-eye coordination and have problem-solving and critical thinking skills.

Any course offered in this program can be taken as part of the vocational/technical elective for an associate of science degree in general studies. General Education and elective courses provide training in effective oral and written communication and human relations skills.

CAREER OPPORTUNITIES

Upon completion of this program, graduates may find employment opportunities as automotive transmission specialists, engine performance experts, automobile air conditioning specialists, front end and brake technicians and emission control specialists. Most technicians furnish their own hand tools. Employers furnish engine analyzers and specialized test equipment and tools for servicing service units such as automatic transmissions. Skills in automotive diagnosis and repair opens the doors to a multitude of jobs throughout the state and nation.

SKILLS USA

Skills USA - All students enrolled in the automotive program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. A high school curriculum heavily weighted in mathematics, science and communication skills is highly recommended.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving automotive mechanics. With prior approval of a teaching faculty member and faculty CO-OP coordinator for the Division of Mechanical Technology, students would register for the regular laboratory course.

CLASS AVAILABILITY

The semester in which courses are taught is listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
--------	----	-----	---------------

**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

IND 1120	Math for Industry	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relation	3	A	none
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
--------	----	-----	---------------

AUTO 1110	Auto Elec Lectur	2	F, Sp	w/AUTO 1111
AUTO 1111	Auto Elec Lab	4	F, Sp	w/AUTO 1110
AUTO 1112	Auto Eng Lectur	2	F, Sp	w/AUTO 1113
AUTO 1113	Auto Eng Lab	4	F, Sp	w/AUTO 1112
AUTO 1120	Auto Brakes Lect	2	F, Sp	w/AUTO 1121
AUTO 1121	Auto Brakes Lab	4	F, Sp	w/AUTO 1120
AUTO 1122	Auto Susp/Steer	2	F, Sp	w/AUTO 1123
AUTO 1123	Auto Sus/Str Lab	4	F, Sp	w/AUTO 1122
AUTO 1210	En Perf I Lecture	2	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1211
AUTO 1211	En Perf I Lab	4	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1210
AUTO 1212	En Perf II Lecture	2	F, Sp	AUTO 1210, AUTO 1211, w/AUTO 1213
AUTO 1213	En Perf II Lab	4	F, Sp	AUTO 1210, AUTO 1211, w/AUTO 1212
AUTO 1220	Man TransA/C	2	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1221
AUTO 1221	Man Trs A/C Lab	4	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1220
AUTO 1222	Auto Trans Shift	2	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1223
AUTO 1223	Auto Trs Shft Lab	4	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1222
ENVT 1040	Workplace Safety	2	A	none
IND 1110	Industrial Electr	2	F, Sp	IND 1120
IND 1140	Princ of Tech	3	F, Sp	IND 1120

ELECTIVES

COURSE	CR	SEM	PREREQUISITES	
AUTO 1114	Adv Electricity	2	F, Sp	w/ AUTO 1115
AUTO 1115	Adv Electricity Lab	4	F, Sp	w/ AUTO 1114

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
AUTO	1110	2	AUTO	1120	2
AUTO	1111	4	AUTO	1121	4
AUTO	1112	2	AUTO	1122	2
AUTO	1113	4	AUTO	1123	4
COMM	1010	3	IND	1120	3
ENGL	1010	3	LE	1220	3
TOTAL		18	TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
AUTO	1210	2	AUTO	1220	2
AUTO	1211	4	AUTO	1221	4
AUTO	1212	2	AUTO	1222	2
AUTO	1213	4	AUTO	1223	4
IND	1110	2	ENVT	1040	2
IND	1140	3	DISTRIBUTION		3
TOTAL		17	TOTAL		17

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN AUTOMOTIVE COLLISION REPAIR AND REFINISHING

(minimum 70 hours required)

Estimated cost of tools and supplies	\$600
Estimated cost of books	150

THE PROGRAM

This is a two-year composite program of automotive refinishing and collision repair. Students enrolled in the program register for the same theory and laboratory classes, but the related education classes will be different from those offered in the auto refinishing and auto collision repair certificate programs. General Education and elective courses provide training in effective oral and written communication and human relations skills.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of the first-semester courses should plan on extra time to complete the program.

ELECTIVE OPTIONS

If a student is employed in a job involving automotive collision repair, it is possible to earn some laboratory credit through cooperative education. With prior approval of the instructor and the faculty CO-OP coordinator for the division of mechanical technology, the students would register for the regular laboratory course. Students must attend CO-OP orientation.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

IND 1120	Math for Indstry	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relations	3	A	none
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none

Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACR 1100	Metal & Nonstrc	5	F	w/ACR 1111
ACR 1111	Nonstrc Skill Apl	7	F	w/ACR 1100
ACR 1200	Struc Dam & An	5	Sp	ACR 1100, w/ACR 1211
ACR 1211	Struc Skill Ap Dv	7	Sp	ACR 1111, w/ACR 1200
AR 1100	Auto Refinishing	5	F	w/AR 1111
AR 1111	Refinish Skill Dv	7	F	w/AR 1100
AR 1200	Adv Auto Refin	5	Sp	AR 1100, AR 1111, w/AR 1211
AR 1211	Adv Auto Rf Skl	7	Sp	AR 1100, AR 1111, w/AR 1200
AR 1230	Auto Color & Ds	2	Sp	none
IND 1110	Industrial Elec	2	F, Sp	IND 1120
IND 1140	Princ of Tech	3	F, Sp	IND 1120

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ACR	1100	5		ACR	1200	5	
ACR	1111	7		ACR	1211	7	
IND	1120	3		COMM	1010	3	
LE	1220	3		IND	1140	3	
TOTAL		18		TOTAL		18	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
AR	1100	5		AR	1200	5	
AR	1111	7		AR	1211	7	
ENGL	1010	3		AR	1230	2	
IND	1110	2		DISTRIBUTION		3	
TOTAL		17		TOTAL		17	

CERTIFICATE OF COMPLETION/ AUTOMOTIVE COLLISION REPAIR^{CTE}

(minimum 38 hours required)

THE PROGRAM

Auto collision repair technicians are skilled individuals who repair damaged motor vehicles by straightening bent structures, removing dents from fenders and body panels, welding torn metal and replacing badly damaged parts. Collision repair technicians are qualified to repair all types of vehicles, although most work is on automobiles and small trucks. The collision repair technician's work is characterized by variety because each damaged vehicle presents a different problem.

Any course offered in this program can be taken as part of the vocational/technical electives for an Associate of Science degree in general studies. The requirements for this degree are outlined in the catalog. General Education and elective courses provide training in effective oral and written communication and human relations skills.

PREPARATION NOTE

The collision repair technician's work requires fast job analysis and the ability to visualize what is needed to restore the damaged vehicle. Welding light gauge metal is one of the skills to be acquired along with parts repair and replacement. Those interested in entering auto collision repair should be in good physical condition and have good hand-eye coordination. Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

If a student is employed in a job involving automotive collision repair, it is possible to earn some laboratory credit through cooperative education. With prior approval of the instructor and the CO-OP coordinators, the students would register for the regular laboratory course. Students must attend CO-OP orientation.

CLASS AVAILABILITY

The semester in which courses is taught is listed below. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACR 1100	Mtlrgy/Nonst	5	F	w/ACR 1111
ACR 1111	Appl Nonst Rep	7	F	w/ARC 1100
ACR 1200	Struc Dmg Ana	5	Sp	ACR 1100, ACR 1111, w/ACR 1211
ACR 1211	Appl Struc Rep	7	Sp	ACR 1100, ACR 1111, w/ACR 1200
COMM 1010	Elem Effect Com	3	A	none
IND 1110	Industrial Elec	2	F, Sp	IND 1120
IND 1120	Math for Indstry	3	F, Sp	none
IND 1140	Princ of Tech	3	F, Sp	IND 1120
LE 1220	Human Relations	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ACR	1100	5		ACR	1200	5	
ACR	1111	7		ACR	1211	7	
IND	1120	3		COMM	1010	3	
LE	1220	3		IND	1110	2	
TOTAL		18		TOTAL		20	

CERTIFICATE OF COMPLETION/ AUTOMOTIVE REFINISHING^{CTE}

(minimum 35 hours required)

THE PROGRAM

Automobile refinishing technicians restore damaged motor vehicles to "look like new" appearance. These skilled technicians repaint vehicles that have lost the luster of original paint and the repaired portions of vehicles damaged in accidents. The technician prepares the vehicles to receive the new finish. A spray gun then is used to apply under coats to the substrate surface. After the primer coat dries, the surface is prepared for top coats.

Before painting prepared portions of the vehicle, the technician may mix paints or colors to match the existing color of the car. The spray gun technique is vital and must be handled skillfully so the paint is applied evenly. A knowledge of the various materials, supplies and equipment used in the refinishing process is vital. The program requires manual dexterity, average scholastic ability and an appreciation and understanding of color. General Education and elective courses provide training in effective oral and written communication and human relations skills.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program. Students should be in good physical condition and have good eye-hand coordination.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
AR 1100	Auto Refinishing	5	F	w/AR 1111
AR 1111	Refin Skill Dev	7	F	w/AR 1110
AR 1200	Adv Auto Refin	5	Sp	AR 1100, AR 1111, w/AR 1211

AR	1211	Adv Ref Skill Dv	7	Sp	AR 1110, AR 1111, w/AR 1200
AR	1230	Auto Color & Ds	2	Sp	none
ENGL	1010	Intro to Writing	3	A	none
IND	1120	Math for Industry	3	F, Sp	none
LE	1220	Human Relation	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
AR	1100	5	AR	1200	5
AR	1111	7	AR	1211	7
ENGL	1010	3	AR	1230	2
IND	1120	3	LE	1220	3
TOTAL		18	TOTAL		17

AUTOMOTIVE INDUSTRY AND RELATED VEHICLE TRAINING

SEE CONTINUING EDUCATION.

AVIATION TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN

Estimated cost of tools and supplies	\$550
Estimated cost of books	\$350

International Airport Center, (801) 957-4448
 General Information (801) 957-4073
 Academic Advisor (801) 957-4550
<http://www.slcc.edu/aviationmaintenance/>

Professors: Larry Hancock,
 Associate Professor: Brian Williamson
 Instructors: Eric Chandler, William Cushenberry, Steve Mendiola

THE PROGRAM

The aviation technology program is designed to prepare students for a career in maintenance and repair of various aircraft. This program is designed to give students knowledge and skills for the level required to pass the Federal Aviation Administration written, oral and practical examinations for an airframe and powerplant (A&P) mechanics license. Aircraft technicians are required to perform preventive maintenance and troubleshoot, repair, install or replace parts relative to airframes and engines. Students will learn both fixed and rotor-wing aircraft as well as reciprocating and turbine engines.

SKILLS USA

Skills USA - All students enrolled in the aviation program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Students who need to take preparatory classes prior to entering the program should plan extra time to complete the program. High school curriculum in math, science and communication is recommended.

PREREQUISITES

It is the student's responsibility to examine each course description for details about prerequisite classes.

CLASS AVAILABILITY

Students should check the semester schedule or department for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN AVIATION TECHNOLOGY/AVIATION MAINTENANCE

(minimum 90 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relation	3	A	none
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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AMTT 1120	Aircraft Regulat	8	A	w/AMTT 1140 when available.
AMTT 1140	Aircraft Elec Hrd	8	A	none
AMTT 1160	Aviation Tech Math	3	F, Sp	none
AMTT 1220	Airframe Sys I	8	A	AMTT 1120, AMTT 1140
AMTT 1240	Airframe Sys II	8	A	AMTT 1120, AMTT 1140
AMTT 1260	Airframe Sys III	8	A	AMTT 1120, AMTT 1140
AMTT 2320	Airframe Inspect	8	A	AMTT 1220, AMTT 1240, AMTT 1260
AMTT 2340	Powerplant Sys	8	A	AMTT 1120, AMTT 1140
AMTT 2420	Recip Engines	8	A	AMTT 1120, AMTT 1140
AMTT 2440	Powerplant Insp	8	A	AMTT 2320, AMTT 2340, AMTT 2420

ELECTIVE

COURSE	CR	SEM	PREREQUISITES	
AMTT 2990	Special Studies	1-5	A	Instructor's approval

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
AMTT	1120	8	AMTT	1220	8
AMTT	1140	8	AMTT	1240	8
AMTT	1160	3	DISTRIBUTION		3
MATH	1030	3	TOTAL		19
TOTAL		22			
THIRD SEMESTER			FOURTH SEMESTER		
AMTT	1260	8	AMTT	2320	8
TOTAL		8	AMTT	2340	8
			ENGL	1010	3
			TOTAL		19
FIFTH SEMESTER					
AMTT	2420	8			
AMTT	2440	8			
COMM	1010	3			
TOTAL		19			

DIPLOMA IN AVIATION^{CTE} TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN (minimum 84 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm	3	A	none
ENGL 1010	Intro to Writing	3	A	pre-test
LE 1220	Human Relation	3	A	none

MAJOR REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
AMTT 1120	Aircraft Regulat	8	A	w/AMTT 1140 when available
AMTT 1140	Aircraft Elec Hrd	8	A	none
AMTT 1160	Aviatn Tech Math	3	F, Sp	none
AMTT 1220	Airframe Sys I	8	A	AMTT 1120, AMTT 1140
AMTT 1240	Airframe Sys II	8	A	AMTT 1120, AMTT 1140
AMTT 1260	Airframe Sys III	8	A	AMTT 1120, AMTT 1140
AMTT 2320	Airframe Inspect	8	A	AMTT 1220, AMTT 1240, AMTT 1260
AMTT 2340	Powerplant Sys	8	A	AMTT 1120, AMTT 1140
AMTT 2420	Recip Engines	8	A	AMTT 1120, AMTT 1140
AMTT 2440	Powerplant Insp	8	A	AMTT 2320, AMTT 2340, AMTT 2420

ELECTIVE COURSE

COURSE		CR	SEM	PREREQUISITES
AMTT 2990	Special Studies	1-5	A	Instructor's approval

SAMPLE SCHEDULE

FIRST SEMESTER				SECOND SEMESTER			
AMTT	1120	8		AMTT	1220	8	
AMTT	1140	8		AMTT	1240	8	
AMTT	1160	3		LE	1220	3	
TOTAL		19		TOTAL		19	
THIRD SEMESTER				FOURTH SEMESTER			
AMTT	1260	8		AMTT	2320	8	
TOTAL		8		AMTT	2340	8	
				COMM	1010	3	
				TOTAL		19	
FIFTH SEMESTER							
AMTT	2420	8					
AMTT	2440	8					
ENGL	1010	3					
TOTAL		19					

AVIATION TECHNOLOGY/ PROFESSIONAL PILOT

Salt Lake International Airport Executive Terminal
337 North 2370 West - (801) 957-5047, (801) 957-3598
General Information (801) 957-4073
Academic Advisor (801) 957-4550
<http://www.slcc.edu/aviationtechnology/>

Assistant Professor: Fiona Silcox
Instructors: Jerry Carlson, Mike Wellman

THE PROGRAM

The Professional Pilot program is designed to prepare students for pilot careers in the field of aviation. The program combines flight training with technical and professional courses essential for success in the expanding aviation and aerospace industry. Flight instruction, leading to a career as a professional pilot, is provided by FAA part 141 Flight Instructors in College Aircraft.

General Education and elective courses provide training in oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build values and ethics.

PREPARATION NOTE

Minimum age is 17. English literacy in reading and speaking is required. Physical condition must be certified by an FAA medical examiner. A Class II physical exam is required at an approximate cost of \$60. Financial aid is available for eligible students and must be applied for at least 3 months prior to anticipated need.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied or waived before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed here and in the course descriptions. Students should check the class schedule for day/evening availability and modifications by varying enrollment. Academic classes will be available each semester alternating days and nights.

BOOKS AND SUPPLIES

The average cost per semester for books and supplies is \$250. All textbooks can be obtained from the College's bookstore. Pilot books and supplies only will be available from the flight school on contract.

SPECIAL FEE

In addition to tuition and fees, students will pay a special fee for flight labs. This fee is based on the average flight training required for the particular certificate. This figure may change from semester to semester because of the economy and fuel costs. Since costs vary by individual abilities and aircraft equipment selected, specific costs are not indicated for each course. Payment of flight costs is on a pay-as-you-go basis. Contact the program coordinator for specifics. Federal Aviation Administration certification written and practical test flights are separate costs for each course.

CHALLENGES

Students who have completed flight courses or have specialized aviation experience may challenge courses. Contact the program coordinator for procedures.

NEW STUDENT SEMINAR

A student orientation (PILT 1040) will provide vital program and career information. It will be conducted every semester for new and transfer students.

TRANSFER ARTICULATION

SLCC flight technology courses are accepted at Utah State University, Utah Valley State College, Westminster College, and Embry-Riddle Aeronautical University aviation programs and at other institutions as electives. For specific details, contact the academic advisor.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 67 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intern Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1050	College Algebra	4	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON	1740	Econ Hist of US	3	A	none
OR					
HIST	1700	Amer Civilization	3	A	none
OR					
POLS	1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS

HLAC			1	A	none
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STUDENT CHOICE (3 CREDITS)
COMPUTER LITERACY
DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
PILT 1010 Air Transportat	3	F, Sp	none
PILT 1040 Aviation Orient	1	A	none
PILT 1050 Aviation History	3	F, Sp	none
PILT 1100 Priv Pilt Gnd Scl	4	A	none
PILT 1140 Solo Pilot Cert Lab	1	A	concurrent w/PILT 1100
PILT 1150 Priv Pilt Cert	2	A	PILT 1140
PILT 1250 Inst Grnd Schl	3	A	PILT 1150, w/PILT 1260
PILT 1260 Instr Grd Sim Lb	1	A	PILT 1150, w/PILT 1250
PILT 1300 Instrument Cert	3	A	w/PILT 1250
PILT 1310 Hu Fact & Safety	3	A	none
PILT 2050 Aviation Meteor	3	F, Sp	none
PILT 2250 Physics of Flight	2	F, Sp	none

ELECTIVES (6 CREDITS)

COURSE	CR	SEM	PREREQUISITES
PILT 1020 Aviation Weather	2	F, Sp	none
PILT 1990 Special Studies	1-2	A	none
PILT 2000 CO-OP	1-2	A	second year
PILT 2010 PreGrad Seminar	1	F, Sp	none
PILT 2100 Commercial Grd	3	A	PILT 1150, PILT 1250, w/PILT 2200
PILT 2200 CommclCertLb I	2	A	w/PILT 2100
PILT 2210 Multi-Eng Grnd Sch	2	F, Sp	PILT 1150, w/PILT 2220
PILT 2220 Multi-Engine	1	A	PILT 1150, w/PILT 2210
PILT 2240 CommclCertLb II	2	A	PILT 2200
PILT 2300 CFI/Airplane	2	A	PILT 2340
PILT 2340 CFI Grnd School	3	F, Sp	PILT 2100
PILT 2350 CFI/Instrument	1	A	PILT 2300
PILT 2400 CFI/Multi-Eng	1	A	PILT 2220 and PILT 2300
PILT 2420 Aircraft Systems	2	F, Sp	none
PILT 2440 Mountain Flight	1	Su, F	PILT 2050
PILT 2470 Corp Business	2	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
PILT	1040	1	PILT	1010	3
PILT	1100	4	PILT	1050	3
PILT	1140	1	PILT	1150	2
PILT	1310	3	PILT	2050	3
STUDENT CHOICE		3	DISTIRBUTION		3
TOTAL		15	HLAC		1
			TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
PILT	1250	3	PILT	1300	3
PILT	1260	1	PILT	2250	2
MATH	1030	3	PILT ELECTIVES		6
OR			DISTRIBUTION		9
MATH	1050	4	TOTAL		20
AMERICAN INST		3			
DISTRIBUTION		6			
TOTAL		16-17			

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

BS IN ACCOUNTING

SEE UNIVERSITY CENTER.

BS IN APPLIED MANAGEMENT

SEE UNIVERSITY CENTER.

BS IN BUSINESS ADMINISTRATION

SEE UNIVERSITY CENTER.

BS IN COMPUTER SCIENCE

SEE UNIVERSITY CENTER.

**BS IN CONSTRUCTION
MANAGEMENT TECHNOLOGY**

SEE UNIVERSITY CENTER.

BS IN CRIMINAL JUSTICE

SEE UNIVERSITY CENTER.

BS IN DIGITAL COMMUNICATIONS

SEE UNIVERSITY CENTER.

**BS IN ENVIRONMENTAL
RESOURCE MANAGEMENT**

SEE UNIVERSITY CENTER.

BS IN HEALTH CARE MANAGEMENT

SEE UNIVERSITY CENTER.

BS IN HORTICULTURE

SEE UNIVERSITY CENTER.

**BS IN HUMAN RESOURCES
MANAGEMENT**

SEE UNIVERSITY CENTER.

BS IN INFORMATION TECHNOLOGY

SEE UNIVERSITY CENTER.

BS IN MANAGEMENT SEE UNIVERSITY CENTER.

BS IN MANAGEMENT INFORMATION SCIENCES SEE UNIVERSITY CENTER.

BS IN MARKETING SEE UNIVERSITY CENTER.

BS IN PUBLIC SAFETY MANAGEMENT SEE UNIVERSITY CENTER.

BARBERING/ COSMETOLOGY

Estimated cost of tools and supplies, first semester	\$700
Estimated cost of books and supplies per semester	\$ 75

(801) 957-4330
General Information (801) 957-4074
Academic Advisor (801) 957-4550
<http://www.slcc.edu/barberingcosmetology/>

Assistant Professors: Debra Bertoch, Grace Birch, Susan Curtis, Rod Derrick
Instructors: Kristen Akeripa, Cathy Bagley, Lyle Ferguson, Ann Welker

THE PROGRAM

Unlimited opportunities are available for skilled hair stylists. A high degree of diversified skill is necessary for success in this field. Cosmetology emphasizes learning to design hair and enhance beauty. Study of chemicals provides knowledge related to maintaining the proper condition, color and curl of hair. Instruction also is given in basic make-up, manicuring and basic esthetics. Current and past fashion trends are supplied to provide familiarization with cycles of hair styles and designs. This creative field can be highly individualistic. Specialization in cutting, coloring, permanent waving or trichology is possible. As a specialist, a graduate should expect post-graduate study/training in any of the above named specialties. Learning is approached on a personal basis with appropriate discussion and lectures. Theory and lab classes must be taken concurrently.

GRADUATION AND LICENSING

This program is designed to meet all the requirements of the state licensing board. In addition to the required courses, the program also requires 2,000 clock hours of instruction to qualify for a certificate, diploma, OR degree. Successful completion of a certificate, diploma or Associate of Applied Science degree in Barbering/Cosmetology enables graduates to take the state licensing examination. Earned clock-hours may vary each term depending upon factors such as the actual number of teaching days, holidays, snow days, student absences and tardies.

Students are encouraged to officially declare Barbering/Cosmetology as their major prior to taking college courses. College courses taken before enrolling in the barbering/cosmetology program will only count as credit hours toward graduation. College courses can earn clock hours toward licensing only when they are taken during the time the student is officially enrolled in the barbering/cosmetology classes.

PROGRAM AVAILABILITY

To accommodate the needs of the community, the program is offered Monday through Thursday mornings from 7:00 a.m. to 1:00 p.m. afternoons from noon to 6:00 p.m. and evenings from 4:00 p.m. to 10:00 p.m. at the Redwood Campus.

Additional classes required for the Certificate, Diploma or Associate of Applied Science Degree may be taken Fridays between 8:00 a.m. and 10:00 p.m.

REDWOOD ROAD CAMPUS

Students are required to register for Theory and corresponding I and II labs. (See recommended schedule). Students must register for all required courses each semester.

JORDAN DISTRICT AND GRANITE HIGH SCHOOL CENTER

Salt Lake Community College, in conjunction with Jordan and Granite school districts, offers the same barbering/cosmetology program to qualified high school juniors and seniors. These part-time programs run during separate morning and afternoon sessions. High school students are encouraged to attend more than one session to complete the program more quickly. These programs are taught by college instructors at approved Jordan District and Granite District sites. Students enrolling in these programs must follow the same guidelines that govern the traditional program. Please note that the barbering/cosmetology program offered at the high school level is not considered a concurrent enrollment program; therefore, these students pay full tuition minus some student fees.

REGISTRATION INFORMATION

Interested students must register for first semester courses on a first come-first served basis. Registration in subsequent semesters is based upon successful completion of the previous term's work.

SKILLS USA

Skills USA - All students enrolled in the Barbering/Cosmetology program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

PREPARATION NOTE

Students who need to take preparatory classes prior to entering the program should plan on extra time to complete the program. A high school curriculum in mathematics, science and communication is highly recommended.

CLASS AVAILABILITY

Students should check with semester schedule or department for day/evening availability and modifications caused by varying enrollment. Acceptance by the College does not guarantee acceptance into any class or program. Please call the academic advisor for assistance at (801) 957-4550 or (801) 957-4913.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BARBERING/ COSMETOLOGY

(minimum 71 hours required)

The Associate of Applied Science Degree can be earned by completing the course work for the Diploma and taking in addition, ENGL 1010 and a distribution elective. Please note that ENGL 1010 and the distribution elective do not earn clock hours toward licensing.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none

BIOLOGY

Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 24-26 for options in each of these categories.

CERTIFICATE OF COMPLETION BARBERING/COSMETOLOGY

(minimum 61 hours required)

MAJOR COURSE REQUIREMENTS FOR ALL BARBERING/COSMETOLOGY CERTIFICATE STUDENTS

COURSE	CR	SEM	PREREQUISITES
BRC 1101 Barb/Cos Orientation Lb I	4	A	none
BRC 1102 Barb/Cos Orientatn Lb II	4	A	none
BRC 1110 Barb/Cos Orient Theory	4	A	none
BRC 1201 Intro to Barb/Cos Lab I	4	A	BRC 1101
BRC 1202 Intro to Barb/Cos Lab II	4	A	BRC 1102
BRC 1210 Intro to Barb/Cos Theory	4	A	BRC 1110
BRC 2301 Interm to Barb/Cos Lab I	4	A	BRC 1201
BRC 2302 Interm to Barb/Cos Lab II	4	A	BRC 1210
BRC 2310 Interm Cos/Barb Theo	4	A	BRC 1210
BRC 2401 Adv Cos/Barb Lab I	4	A	BRC 2301
BRC 2402 Adv Cos/Barb Lab II	4	A	BRC 2301
BRC 2410 Barb/Cos State Brd Prep	4	A	BRC 2310
BRC 2710 Color Principles	2	A	BRC 1200
BRC 2810 Salon Success	2	A	none
COMM 1010 Intro to Comm	3	A	none
LE 1220 Human Relation	3	A	none
MGT 1100 Small Bus Mngt	3	A	none

ELECTIVE COURSE FOR ALL

BARBERING/COSMETOLOGY CERTIFICATE STUDENTS

COURSE	CR	SEM	PREREQUISITES
BRC 2990 Independent Studies	0-16	A	BRC 1110

ADDITIONAL CLOCK HOURS

Upon completion of required course work, students needing additional clock hours should register for BRC 2990 Independent Studies (variable credit 1-16.) The amount of credit that students should register for is based upon 1 credit equal to 40 clock hours. For example, a student who has completed all the course work, but still is 120 hours short of 2,000 clock hours should register for BRC 2990 for 3 credits.

RECOMMENDED FULL-TIME SCHEDULE

FIRST SEMESTER	CLK HRS	SECOND SEMESTER	CLK HRS
BRC 1101	4 180	BRC 1201	4 180
BRC 1102	4 180	BRC 1202	4 180
BRC 1110	4 60	BRC 1210	4 60
LE 1220	3 45	BRC 2810	2 30
TOTALS	15 465	COMM 1010	3 45
		TOTALS	17 495
THIRD SEMESTER	CLK HRS	FOURTH SEMESTER	CLK HRS
BRC 2301	4 180	BRC 2401	4 180
BRC 2302	4 180	BRC 2402	4 180
BRC 2310	4 60	BRC 2410	4 60
MGT 1100	3 45	BRC 2710	2 45
TOTAL	15 465	TOTALS	14 465

DIPLOMA/BARBERING/^{CTE} COSMETOLOGY

(minimum 65 hours required)

MAJOR COURSE REQUIREMENTS FOR ALL BARBERING/ COSMETOLOGY DIPLOMA STUDENTS

COURSE	CR	SEM	PREREQUISITES
BRC 1101 Barb/Cos Orientation Lb I	4	A	none
BRC 1102 Barb/Cos Orientatn Lb II	4	A	none
BRC 1110 Barb/Cos Orient Theory	4	A	none
BRC 1201 Intro to Barb/Cos Lab I	4	A	BRC 1101
BRC 1202 Intro to Barb/Cos Lab II	4	A	BRC 1102
BRC 1210 Intro to Barb/Cos Theory	4	A	BRC 1110

BRC 2301 Interm to Barb/Cos Lab I	4	A	BRC 1201
BRC 2302 Interm to Barb/Cos Lab II	4	A	BRC 1210
BRC 2310 Interm Cos/Barb Theo	4	A	BRC 1210
BRC 2401 Adv Cos/Barb Lab I	4	A	BRC 2301
BRC 2402 Adv Cos/Barb Lab II	4	A	BRC 2301
BRC 2410 Barb/Cos State Brd Prep	4	A	BRC 2310
BRC 2710 Color Principles	2	A	BRC 1200
BRC 2810 Salon Success	2	A	none
BRC 2860 Ethnic Hair	2	F, Sp	BRC 2710, BRC 2810, COMM 1010, LE 1220, MGT 1100
BRC 2870 Adv Hair Design	2	F, Sp	BRC 2710, BRC 2810, COMM1010, LE 1220, MGT 1100
COMM 1010 Intro to Comm	3	A	none
LE 1220 Human Relation	3	A	none
MGT 1100 Small Bus Mngt	3	A	none

ADDITIONAL CLOCK HOURS

Upon completion of required course work, students needing additional clock hours should register for BRC 2990 Independent Studies (variable credit 1-16.) The amount of credit that students should register for is based upon 1 credit equal to 40 clock hours. For example, a student who has completed all the course work, but still is 120 hours short of 2,000 clock hours should register for BRC 2990 for 3 credits.

RECOMMENDED FULL-TIME SCHEDULE

FIRST SEMESTER	CLK HRS	SECOND SEMESTER	CLK HRS
BRC 1101	4 180	BRC 1201	4 180
BRC 1102	4 180	BRC 1202	4 180
BRC 1110	4 60	BRC 1210	4 60
LE 1220	3 45	BRC 2810	2 30
TOTALS	15 465	COMM 1010	3
		TOTALS	17 495
THIRD SEMESTER	CLK HRS	FOURTH SEMESTER	CLK HRS
BRC 2301	4 180	BRC 2401	4 180
BRC 2302	4 180	BRC 2402	4 180
BRC 2310	4 60	BRC 2410	4 60
BRC 2710	2 45	BRC 2860	2 45
MGT 1100	3 45	BRC 2870	2 45
TOTALS	17 510	TOTALS	16 510

BAIL ENFORCEMENT TRAINING

SEE CONTINUING EDUCATION.

BIOLOGY

Science and Industry Building 341 (801) 957-4944

General Information (801) 957-4073

Academic Advisor SC240H (801) 957-4184

<http://www.slcc.edu/biology>

Professors: James Hampton, Arleen Sawitzke, William Tanner

Associate Professor: Christine Eckel, Jane Rudolph

Assistant Professors: Tim Beagley, Melany Cook, Jim Blevins

Instructors: Melissa Jacobsen, Mary Jane Keleher, Melissa Tillack

THE PROGRAM

The Biology department offers a program leading to an associate of science degree. The required courses in this program will give a student an excellent and broad foundation on which to further his or her studies. Most of the courses in the program have required laboratory components to allow first-hand experience in the study of biology. A laboratory fee is charged for laboratory courses. Upon finishing the requirements for an AS degree in biology, and after acceptance into a major program, a student should be able to obtain a bachelor's degree at a four-year institution with two additional years of study.

A full year of inorganic chemistry, organic chemistry, calculus and physics is highly recommended for any student transferring to a four-year institution.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. For a student majoring in biology, Calculus I is considered the entry-level math class.

CLASS AVAILABILITY

The semesters during which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, locations and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
HIST 1700	Amer Civilization	3	A	none
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

Communications, depth, or intensive course.

COMPUTER LITERACY

DISTRIBUTION AREAS

Complete the following distribution (BS) courses:

BIOL 1610	College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/BIOL 1615 (lab)
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Also, choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Fine Arts	3	A	none
Humanities	3	A	none
Interdisciplinary	3	A	none
Social Science	3	A	none

Physical Science area is exempted; CHEM 1210 is required for program. See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A

(Placement Required)
With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score.
W/BIOL 1615 (lab)

BIOL 2030	Genetics	4	F, Sp	CHEM 1210, BIOL 1610/ 1615 (C grade or better), w/BIOL2035 (lab)
CHEM 1210	Gen Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220	General Chem II	4	Sp,Su	CHEM 1210 w/CHEM 1225
CHEM 1225	Gen Chem Lab II	1	Sp,Su	w/CHEM 1220
CHEM 2310	Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2315	Orgn Chem Lab I	1	F, Sp	w/CHEM 2310

ELECTIVES (8 CREDITS)

¹ BIOL 2020	Cell Biology	4	F, Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2025 (lab)
BIOL 2060	Microbiology	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 2065 (lab)
BIOL 2070	Plant Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2075 (lab)
BIOL 2080	Animal Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2085 (lab)
² BIOL 2220	Ecology	4	Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2225 (lab)
BIOL 2320	Human Anatmy	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 2325 (lab)
BIOL 2350	Field Studies Bio	1-3	TBA	BIOL 1610/1615 (C grade or better)
BIOL 2420	Human Physiology	4	A	BIOL 1610/1615, (C grade or better) CHEM 1110, w/BIOL 2425 (lab)
*CHEM2320	Organ Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
*CHEM2325	Org Chm Lab II	1	Sp, Su	w/CHEM 2320
*PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
*PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
*PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
*PHYS 2225	Physicsf/Sci&Eng LII	1	A	w/PHYS 2220

*Required for U of U Biology major.

¹BIOL 2020/2025 Cell Biology and Lab are required for students transferring to the University of Utah.

²BIOL 2220/2225 Ecology and Lab are required for students transferring to Utah State University.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
BIOL 1610/1615	4	BIOL 1620/1625	4
CHEM 1210/1215	5	BIOL 2030/2035	4
MATH 1210	4	CHEM 1220/1225	5
DISTRIBUTION	3	DISTRIBUTION	3
TOTAL	16	TOTAL	16
2ND FALL SEMESTER		2ND SPRING SEMESTER	
BIOL ELECTIVE	4	ENGL 2010	3
CHEM 2310/2315	5	DISTRIBUTION	3
ENGL 1010	3	AMERICAN INST	3
HLAC ELECTIVE	1	STUDENT CHOICE	3
DISTRIBUTION	3	ELECTIVE	4
TOTAL	16	TOTAL	16

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

Students completing the AS degree at SLCC through their study of Biology are well prepared to transfer to any of the four year institutions in the Utah System of Higher Education (USHE). This program also prepares students to transfer to public institutions in other states as well as most private colleges and universities.

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
BIOL 1010	Intro to Biology	4	A	w/BIOL 1015 (lab)
BIOL 1030	Intro Plant Biology	4	F, Sp	w/BIOL 1035 (lab)
BIOL 1050	Intro Animal Biology	4	F, Sp	w/BIOL 1055 (lab)
BIOL 1070	Intro to Marine Bio	4	F, Sp	w/BIOL 1075 (lab)
BIOL 1110	Intro Hum Anatomy	3	A	none
BIOL 1150	Phys of Exercise	3	Sp	none
BIOL 1610	College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/BIOL 1615 (lab)
BIOL 2000	CO-OP	2-4	A	Instructor's approval
BIOL 2020	Cell Biology	4	F, Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2025 (lab)
BIOL 2060	Microbiology	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 2065 (lab)
BIOL 2070	Plant Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2075 (lab)
BIOL 2080	Animal Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2085 (lab)
BIOL 2220	Ecology	4	Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2225 (lab)
BIOL 2320	Human Anatmy	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 2325 (lab)
BIOL 2350	Field Studies Bio	1-3	TBA	BIOL 1610/1615 (C grade or better)
BIOL 2420	Human Physiology	4	A	BIOL 1610/1615, (C grade or better) CHEM 1110, w/BIOL 2425 (lab)
BIOL 2350	Field Studies Bio	1-3	TBA	BIOL 1610/1615 (C grade or better)
BIOL 2900	Spec Topics in Bio	1-5	TBA	Defined by Instructor
BIOL 2990	Independent Studies	1-2	A	BIOL 1610/1615 (C grade or better)
SCI 1000	Integrated Science	3	A	none

**BIOMEDICAL EQUIPMENT TECHNOLOGY
SEE ELECTRONICS TECHNOLOGY AAS.****BIOTECHNOLOGY
TECHNICIAN**

Estimated cost of books and supplies per semester	\$175
Lab coats	\$10-\$12
Lab fees per semester	\$25

General Information (801) 957-4073
 Academic Advisor JC164A (801) 957-4407
 164A Jordan Campus, 957-4408
<http://www.slcc.edu/biotech>

Director: Dr. Tamara L. Goetz, Ph.D.
 Instructor: Smiljka Kitanovic, Charles Rettberg

THE PROGRAM

The Biotechnology Technicians Program (BTP) is a rewarding 2-year A.A.S. program in which students master skills required to be highly competitive for technical positions in biotechnology research and manufacturing. The Program emphasizes partnerships with local industries to provide students with the most current and cutting edge knowledge and techniques in the field.

The program emphasizes hands-on experience with over 100 hours spent in the laboratory, beginning in the second semester of the Program. Skills include DNA cloning and analysis, expression and purification of proteins, cell culture techniques, enzyme and antibody assays, bioprocessing, bioinformatics, industrial standards and communication skills. Students will do internships at local biotechnology companies, giving them a unique opportunity to apply their knowledge in an industry environment.

Courses are taught by faculty with extensive experience in laboratory research. Further, industry instructors will teach courses to provide students with the most up-to-date knowledge in a field known to be dynamic and constantly changing. The coursework is designed to make graduates competitive for employment upon graduation, but also emphasizes transfer to schools within the Utah System of Higher Education.

Career opportunities are abundant and growing with the industry. A biotechnology technician may be employed in a variety of areas including medicine, agriculture, forensics and medical environmental science device development. Salaries range from \$24,000-32,000 and the potential for promotion and further education is good.

PREREQUISITES/PREPARATION NOTES

It is the student's responsibility to examine each course description or details of prerequisite classes or preparation. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program. Advising through BTP faculty is recommended before admission into the Program.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

**ASSOCIATE OF APPLIED SCIENCE^{CTE}
IN BIOTECHNOLOGY TECHNICIAN**

(minimum of 71 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pretest
QUANTITATIVE LITERACY				
MATH 1010	Interm Algebra	4	A	MATH 0990 or CPT
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
HUMAN RELATIONS				
LE 1220	Hmn Reltns f/Car Devt	3	A	none

DISTRIBUTION AREAS

Choose an additional 3 credit hours from one of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/BIOL 1615 (lab)

BIOL 1615	General Biol Lab	0	A	w/BIOL 1610
BIOL 2020	Cell Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2025
BIOL 2025	Cell Biology Lab	0	F, Sp	w/BIOL 2020
BIOL 2030	Genetics	4	F	BIOL 1610 w/C or better, CHEM 1210, w/BIOL 2035
BIOL 2035	Genetics Lab	0	F	BIOL 1610 w/C or better, CHEM 1210, w/BIOL 2030
BIOL 2060	Microbiology	4	A	BIOL 1610, w/BIOL 2065
BIOL 2065	Gen Microbiology Lab	0	A	w/BIOL 2060
CHEM 1110	Elem Chemistry	4	A	MATH 1010, w/CHEM 1115
CHEM 1115	Elem Chemistry Lab	4	A	MATH 1010, w/CHEM 1110
BTEC 1010	Fund Biotech I	3	F, Sp	none
BTEC 1020	Fund Biotech II	3	F, Sp	BTEC 1010
BTEC 1030	Seminar I	2	F, Sp	none
BTEC 1060	NucAcidProtBchm	2	F, Sp	BIOL 1610, BTEC 1010
BTEC 2010	DNA Manip/Anl	4	F, Sp	BTEC 1010, BIOL 1610
BTEC 2020	Protein Sep/Anl	4	F	BTEC 1020, BTEC 1060, BIOL 2020
BTEC 2030	Cell Clture Technqs	3	F, Sp	BIOL 2020
BTEC 2040	Adv DNA Lab Tech	4	Sp	BTEC 2020
BTEC 2050	Bioinformatics	2	F, Sp	BTEC 2010
BTEC 2100	Biotech Externship	7	A	BTP faculty ap- proval* *The externship can be arranged at any time after the first year upon receiving SLCC BTP faculty approval.

ADVISING NOTES

For students considering transfer of the Biotechnology Technician A.A.S. degree to a 4 year institution, CHEM 1210/1215 and MATH 1050 are recommended in place of CHEM 1110 and MATH 1010. CHEM 1110/1115 can be substituted for the CHEM 1210/1215 prerequisite for BIOL 2230 for Biotechnology students.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
BIOL 1610/1615	4	BIOL 2020/2025	4
BTEC 1010	3	BTEC 1020	3
BTEC 1030	2	BTEC 1060	2
ENGL 1010	3	BTEC 2010	4
MATH 1010	4	CHEM 1110	4
DISTRIBUTION	3	CHEM 1115	1
TOTAL	19	TOTAL	17
2ND FALL SEMESTER		2ND SPRING SEMESTER	
BIOL 2030/2035	4	BTEC 2040	4
BIOL 2060/2065	4	BTEC 2050	2
BTEC 2020	4	BTEC 2100	7
BTEC 2030	3	LE 1220	3
COMM 1010	3	TOTAL	16
TOTAL	18		

BOILERMAKER JATC TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

BOILERMAKER/WELDER/LAYOUT APPRENTICESHIP

SEE APPRENTICESHIPS.

BRICK MASON TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

BROADCAST VIDEO/AUDIO PRODUCTION

General Information (801) 957-4073
Academic Advisor (801) 957-4294

Professors: Carolyn Clark, Julie Gay, Shirley Jones
Associate Professors: Nick Burns, Art Kanehara
Assistant Professors: Shirene Bell, Roger Johnson, Jay Williams
<http://www.slcc.edu/communication>

THE PROGRAM

The Broadcast Video/Audio Production program is an extensive 2-year A.A.S. degree. Student's master concepts and skills required for professional positions in the radio and television broadcasting, video production, and audio production professions. The program includes internships through partnerships with local broadcast and production facilities. It also includes hands-on experience with all of the student media at Salt Lake Community College.

Students begin with fundamental skills training in personal, visual, and audio communication settings. These involve hands-on labs and personal production and performance assignments. The fundamental concepts behind these practices are taught as well, providing a critical understanding of why things are done in a particular way in professional broadcasting, video, and audio productions. Among the skills covered are writing, editing, vocal and visual performance, pre-production planning, studio and field production projects, and post-production editing and distribution. The very best content is broadcast or otherwise distributed through Salt Lake Community College's student media channels.

Students are also introduced to the elements, trends and consequences of the many new media technologies, as well as integrated multimedia production. This provides a timely and relevant education that will make them competitive for jobs in today's highly integrated media environment. Faculty with extensive industry experience, as well as solid academic credentials teach courses.

Career opportunities in broadcasting, video, and audio production are extensive in today's media-savvy world. Students can specialize in particular aspects of the field, or can seek a broader, more eclectic degree. This is made possible by a broad range of elective courses that can be used to tailor the degree to the needs and desires of individual students.

TRANSFER INFORMATION

Although the Broadcast Video/Audio Production Associate of Applied Science degree program is designed primarily to provide students with entry level skills to enter the job market, some of the courses may apply toward a bachelor's degree. Students interested in pursuing professional Broadcasting, Video and Audio at Utah State University should obtain advising regarding the requirements and course selection criteria for the bachelor's program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN BROADCAST VIDEO/AUDIO PRODUCTION

(minimum 66-71 hours required)

GENERAL EDUCATION REQUIREMENTS (18 HOURS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	none
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QUANTITATIVE LITERACY

MATH 1030	Quant Reasoning	3	A	MATH 1010
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

HR Elective		2-3	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:*

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

* Potential transfer students should consult with an advisor in selecting distribution areas that contribute towards an Associate of Science degree. See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (41-45 HOURS REQUIRED, PLUS INTERNSHIP)

COURSE	CR	SEM	PREREQUISITES	
COMM 1020	Princpls of Pub Spk	3	A	none
COMM 1250	Broad Perfor& Inter	3	F,Sp	none
COMM 1500	Intro to Mass Com	4	A	none
COMM 1800	Digital Media	4	A	none
COMM 2000	CO-OP/Internship	1-6	A	none
COMM 2200	Broad Prod & Perform	4	F, Sp	none, w/COMM 2205
COMM 2205	Broadcast Prod Lab	1	F, Sp	w/ COMM 2200
COMM 2500	Ele/Iss of Dig Med	4	A	none
COMM 2520	Telecom Web Production	2		w/COMM 2521
COMM 2521	TelecomWebProductionLb1			w/COMM 2520
COMM 2570	Intro to Visual Comm	4		none
COMM 2590	Med Mngt and Sales	3	Sp	none
COMM 2900	Sec Year Prod Proj	3	TBA	COMM 2510/11 or COMM 2570/71

COMPLETE ONE OF THE FOLLOWING SPECIALIZATION AREAS:

VIDEO

COMM 2310	Intm Video Productn	4	F, Sp	none , w/ COMM 2311
COMM 2311	Intm. Video Prod Lab	1	F, Sp	w/ COMM 2310
COMM 2510	Adv Video Prod	4	F, Sp	none, w/COMM 2511
COMM 2511	Adv Video Prod. Lab	1	F, Sp	w/ COMM 2510

AUDIO

COMM 1560	Radio Production	3	A	none, w/COMM 1561
COMM 1561	Radio Prod. Lab	1	A	w/ COMM 1560
COMM 2560	Radio Performance	3	A	none, w/COMM 2561
COMM 2561	Radio Perf Lab	2	A	w/ COMM 2560

ELECTIVES

(Choose according to special interests as schedule permits)

COURSE		CR	SEM	PREREQUISITES
COMM 1050	Elem of Hum Com	3	A	none
COMM 1120	Prin of Interview	3	F,Sp	none
COMM 1130	Rprting f/Mass Med	4	A	none
COMM 1610	Journ I-Reporting	3	F, Sp	none
COMM 1620	Journ II - Editing	3	F, Sp	none
COMM 1630	Journ III - Layout	3	F, Sp	none
COMM 2110	Interper Commun	3	A	none
COMM 2120	Small Group Comm	3	Sp	none
COMM 2150	Intercult Comm	3	Sp	none
COMM 2170	Organizational Com	3	F,Sp	none
COMM 2550	Introduction to PR	3	Sp	none
** COMM Elect.	**If applicable.	0-9		

**The number of internship hours determines number of hours students have available for electives to meet AAS credit hour requirements (63-69 total.) Other electives may be selected with prior COMM department approval. Among disciplines with applicable electives are: Writing, Acting, Dance, Film, Music, Business, Web Development, Visual Art & Design, Animation, Production Art, Photography, Image Editing, Personal Finance, Art History, Theater, and Multimedia Authoring.

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
COMM	1010	3	AUDIO SPECIALTY	3	
COMM	1250	3	OR		
COMM	1800	4	VIDEO SPECIALTY	4	
COMM	2200	4	COMM	1020	3
COMM	2205	1	COMM	1500	3
ENGL	1010	3	COMM	2570	4
TOTAL		18	DISTRIBUTION	3	
			TOTAL	16-17	
THIRD SEMESTER			FOURTH SEMESTER		
AUDIO SPECIALTY	3		COMM	2000	1-6
OR			COMM	2590	3
VIDEO SPECIALTY	4		COMM	2900	3
COMM	2500	4	HUMAN RELATIONS	3	
COMM	2520	2	COMM ELECTIVE	1-9	
COMM	2521	1	TOTAL	11-24	
MATH	1030	3			
DISTRIBUTION	3				
TOTAL		16-17			

BUILDING CONSTRUCTION/ CONSTRUCTION MANAGEMENT

(801) 957-4058

General Information (801) 957-4346

Academic Advisor CT 186 (801) 957-4550

<http://www.slcc.edu/construction>

Associate Professors: David James, Mark Seaman, Ralph Tasker

Assistant Professor: Rick Lofgren, James Miller

Instructors: Curtis Barnett, Chad Fail

THE PROGRAM

Building Construction/Construction Management offers a variety of degree options. The AAS degree provides theoretical and hands-on training in concrete, framing carpentry, finish carpentry, cabinetmaking, and construction management. This program has been tailored to give students a range of options as well as to meet the needs of industry.

Many students considering these degrees have had previous construction experience. Prior work experience can be evaluated and students may receive credit for some courses. Interested students should contact Building Construction/Construction Management faculty for additional information.

ASSOCIATE OF SCIENCE DEGREE

An Associates Degree can be earned by fulfilling the listed requirements which have been articulated with the Weber State University baccalaureate degree in Construction Management. (This degree is not available at the Utah State Prison Satellite.)

ASSOCIATE OF APPLIED SCIENCE

This degree requires students to acquire comprehensive knowledge and skills relative to a wide range of construction activities. Students will receive actual hands-on experience in erecting footings and foundations, framing carpentry, finish carpentry, cabinetwork, and construction management. Workplace skills such as human relations, oral communications, critical thinking, teamwork, and written communications are also addressed. Site work is also included.

SKILLS USA

Skills USA - All students enrolled in the building construction/construction management program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. All courses must be completed with a C or better grade in prerequisite classes to continue in the program.

ELECTIVE OPTION

Cooperative education is the College's program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned is applied toward graduation requirements as an elective credit. Contact the cooperative education department at (801) 957-4014.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 66 hours required)

These requirements are designed to transfer to Weber State University's BS degree in Construction Management offered through the University at SLCC. In addition to required courses within the AS degree, students may take additional SLCC courses that apply to technical, business and math/science elective requirements for a bachelor's at Weber (see Transfer Recommendations).

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ENGL 1010	Intro to Writing	3	A	CPT placement
ENGL 2010	Intermediate Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1060	Trigonometry	3	A	MATH 1050
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AMERICAN INSTITUTIONS (CHOOSE ONE)

ECON 1740	Econ History of the US	3	A	none
OR				
HIST 1700	American Civ	3	A	none
OR				
POLS 1100	US Gov and Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM 1010	Intro to Comm	3	A	none
OR				
COMM 1020	Public Speaking	3	A	none

COMPUTER LITERACY**DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

Physical Science distribution area is exempted; PHYS 2010 is required for the program and Weber State University.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (32 CREDITS)

COURSE		CR	SEM	PREREQUISITES
ARCH 2060	Const Docm Fund	3	F	ARCH 1010 or instructor's approval
PHYS 2010	College Physics I	4	A	MATH 1060, w/PHYS 2015
PHYS 2015	Physics Lab 1	1	A	w/PHYS 2010
BCCM 1010	Bldg Const Theory	5	F, Sp	none
BCCM 1150	Blueprint Reading	3	F, Sp	none
BCCM 2050	Concrete Theory	3	F, Sp	BCCM 1010 or ARCH 1210
BCCM 2200	Const Office Mgmt	3	A	All BCCM 1000 courses, except 1010, or equivalent experience.
BCCM 2210	Const Field Mngmt	3	A	All BCCM 1000 courses, except 1010, or equivalent experience.
BCCM 2240	Const Estimating	5	A	BCCM 1010 or equivalent
BCCM 2470	Bldg Codes/Zon	2	F, Sp	BCCM 1010

ELECTIVES

Students may select electives (listed below) designed to meet Weber State University requirements for the bachelor's degree in Construction Management Technology from the Transfer Recommendations (below). If students have not had "hands on" construction experience, it is recommended that they take Construction Lab (BCCM 1050) and Construction Safety (BCCM 1030) as electives at SLCC. These courses are not required in Weber's program, but they would provide important background for students with no prior construction experience.

TRANSFER RECOMMENDATIONS

These lower division classes, beyond the AS degree, are required for the BS degree at Weber State University and can be taken at SLCC. Contact the University Center for Updates.

COURSE		CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct	3	A	none
ARCH 2210	Commercial Const	5	A	ARCH 1210 or BCCM 1010
ECON 2010	Microeconomics	3	A	none
ECON 2020	Macroeconomics	3	A	none
GEO 1110	Physical Geology	3	F	w/GEO 1115
AND				
GEO 1115	Physical Geology Lab	1	F	w/GEO 1110
OR				
GEO 1060	Environmental Geology	3	Sp	w/GEO 1065
AND				
GEO 1065	Env Geology Lab	1	Sp	w/GEO 1060
MGT 2050	Legal Env Bus	3	A	BUS 1050
SVT 1030	Surveying Field Techn	4	F	SVT 1110

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BCCM 1010	5		BCCM 2050	3	
BCCM 1150	3		ENGL 2010	3	
ENGL 1010	3		OR		
MATH 1060	3		ENGL 2100	3	
HLAC	1		AMERICAN INST	3	
TOTAL	15		DISTRIBUTION	6	
			TOTAL	15	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ARCH 2060	3		BCCM 2210	3	
BCCM 2200	3		BCCM 2240	5	
BCCM 2470	2		DISTRIBUTION	9	
PHYS 2010	4		TOTAL	17	
PHYS 2015	1				
STUDENT CHOICE	3				
TOTAL	16				

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN BUILDING CONSTRUCTION/ CONSTRUCTION MANAGEMENT

(minimum 64 credits required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ENGL 1010	Intro to Writing	3	A	CPT placement
COMM 1010	Intro to Comm	3	A	none
LE 1220	Human Relations	3	A	none
Distribution Elective		3	A	none

DISTRIBUTION AREAS

Choose an additional three credits from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 24-26 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
BCCM 1030	Const. Safety	2	F, Sp	none
BCCM 1040	Bgng Struct Const	3.5	F, Sp	w/BCCM 1060
BCCM 1060	Bgng Struct Theory	1	F, Sp	w/BCCM 1040
BCCM 1100	Construction Math	5	A	none
BCCM 1140	Bgng Interior Finishes	3.5	F, Sp	w/BCCM 1160
BCCM 1150	Blueprint Reading	3	A	none
BCCM 1160	Bgng Int Finish Theory	1	F, Sp	w/BCCM 1140
BCCM 1240	Bgng Cabinetmaking	3.5	A	w/BCCM 1260
BCCM 1260	Bgng Cabinet Theory	1	A	w/BCCM 1240
BCCM 2040	Adv Structural Const	3.5	F, Sp	BCCM 1040, BCCM 1060, w/BCCM 2060
BCCM 2060	Adv Structural Theory	1	F, Sp	BCCM 1040, BCCM 1060, w/BCCM 2040
BCCM 2140	Adv Interior Finishes	3.5	F, Sp	BCCM 1140, BCCM 1160, w/BCCM 2170
BCCM 2170	Adv Int Fin Theory	1	F, Sp	BCCM 1140, BCCM 1160, w/BCCM 2140
BCCM 2200	Const Office Manage	3	A	All 1000 level required courses or equivalent experience
BCCM 2210	Const Field Manage	3	A	All 1000 level required courses or equivalent experience

BCCM 2230	Adv Cabinetmaking	3.5	A	BCCM 1240, BCCM 1260, w/BCCM 2260
BCCM 2240	Const Estimating	5	A	All 1000 level required courses or equivalent experience
BCCM 2260	Adv Cabinet Theory	1	A	BCCM 1240, BCCM 1260, w/BCCM 2230
BCCM 2470	Building Codes	2	A	All 1000 level required courses or equivalent experience
_____	Electives	3		

ELECTIVES

(CHOOSE A MINIMUM OF 3 CREDITS)

COURSE		CR	SEM	PREREQUISITES
BCCM 1010	Bldg. Const Theory	5	F, Sp	none
BCCM 1200	Personal Projects	7	A	none
BCCM 1050	Bldg Const Ovrview Lab	7	A	none
ENGT 1100	Prin/Eng. Tech	2	A	none
ENGT 1600	Intro/Eng. Tech Design	3	A	ENGT 1100
SVT 1010	Intro to Surveying	1	F	none
SVT 1030	Survey Field Tech	3	Sp	SVT 1110 or MATH 1060

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BCCM 1030	2		BCCM 1140	3.5	
BCCM 1040	3.5		BCCM 1150	3	
BCCM 1060	1		BCCM 1160	1	
BCCM 1100	5		BCCM 2140	3.5	
BCCM 2040	3.5		BCCM 2170	1	
BCCM 2060	1		LE 1220	3	
ELECTIVES	3		TOTAL	15	
TOTAL	18				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BCCM 1240	3.5		BCCM 2200	3	
BCCM 1260	1		BCCM 2210	3	
BCCM 2230	3.5		BCCM 2240	5	
BCCM 2260	1		BCCM 2470	2	
ENGL 1010	3		COMM 1010	3	
DISTRIBUTION	3		TOTAL	16	
TOTAL	15				

BUILDING CONSTRUCTION/^{CTE} CABINETMAKING CERTIFICATE

(minimum 29 credits required)

Estimated Cost for Students: \$700-\$1000 depending on personal choice of projects to complete.

Division Office - Meadowbrook, 957-4346

Academic Advisor - 957-4545

BCCM Department - 957-4087

PROGRAM DESCRIPTION

Introductory training into the cabinetmaking and furniture making professions. It is intended that a student will be able to complete this certificate within one year. An understanding of basic cabinet-making and furniture making techniques and experience in using equipment, hand tools, and constructing and finishing a complete kitchen and other personal choices of projects. A competent knowledge of joinery, materials, techniques, and wood characteristics should be gained.

Career Opportunities upon Completion of Program. Entry Level Cabinetmaking or Furniture Making jobs with rapid advancement and Advanced Level Cabinetmaking and Furniture Making jobs.

MAJOR COURSE REQUIREMENTS AND ELECTIVES

COURSE		CR	SEM	PREREQUISITES
ARCH 1310	Intro to AutoCAD	3	A	none
BCCM 1100	Construction Math	5	A	none
BCCM 1210	Beg Woods&Millwrk Theo	1	A	none
BCCM 1215	Beg Woods&Millwrk Lab	3	A	none

BCCM 1240	Beging Cabinetmaking	3.5	A	w/BCCM 1260
BCCM 1260	Beging Cabinet Theory	1	A	w/BCCM 1240
BCCM 2120	Furniture Technology	3	F, Sp	none
BCCM 2220	IntrmWoods&MillwrkThe2	A		none
BCCM 2225	IntrmWoods&MillwrkLab3	A		none
BCCM 2230	Adv Cabinetmaking	3.5	A	BCCM 1240, BCCM 1260, w/BCCM 2260
BCCM 2260	Adv Cabinet Theory	1	A	BCCM 1240, BCCM 1260, w/BCCM 2230

RECOMMENDED SEQUENCING OF COURSES

FIRST SEMESTER			SECOND SEMESTER		
BCCM 1100	5		ARCH 1310	3	
BCCM 1210	1		BCCM 1240	3.5	
BCCM 1215	3		BCCM 1260	1	
BCCM 2220	2		BCCM 2120	3	
BCCM 2225	3		BCCM 2230	3.5	
TOTAL	14		TOTAL	15	

BUILDING MAINTENANCE TECHNOLOGY APPRENTICESHIP SEE APPRENTICESHIPS.

BUSINESS

Business Building 105 (801) 957-4325
General Information (801) 957-4073
Academic Advisor BB 132A (801) 957-4300
<http://www.slcc.edu/businessmanagement>

FACULTY

Faculty members represent the following areas: accounting, business communication, business management, computer information systems, economics, finance and credit, and marketing.

THE PROGRAM

Business Associate of Arts and Business Associate of Science degrees are designed as transfer degrees to business schools at four-year institutions within the Utah System of Higher Education. The Associate of Arts degree requires the study of a foreign language. Initial transfer information can be obtained through the Academic Advisor, Redwood Road Campus, Business Building, room 132A.

Requirements at four-year colleges and universities are subject to change; ongoing planning is essential. Students interested in degrees designed for business employment should review the Certificate and Associate of Applied Science degrees.

General Education and majors courses provide training in oral and written communication and human relations skills. BUS 1050 - Foundations of Business, is taught through group and team activities to develop the students' interactive skills and to build human values and ethics.

All associate degree business programs at SLCC are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Accreditation represents the achievement of meeting high national standards established for associate degree granting business programs and facilitates transfer of credits to four year universities and colleges.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. Any class in the preparatory skills may be waived if students can demonstrate equivalent skills.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

COMPUTER PROFICIENCY

CIS 1020 and CIS 2010 are the 2 required computer proficiency courses for business schools at Utah four-year colleges and universities. They require a grade of B or better. Students have the option to pass the Challenge Exam for CIS 1020. It is required to pass each section of the test with the correct answer score of 84% or higher. Once the exam is passed, a P is posted to the transcript and the credit is awarded. This P is acceptable at all Utah four-year colleges and universities. CIS 1020 is a pre-requisite for CIS 2010. Students who wish to challenge the exam for CIS1020 are advised to review the information at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>.

ELECTIVE OPTIONS

These are based on requirements of intended institution of transfer. Contact the business academic advisor.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER INFORMATION

(SUBJECT TO CHANGE BY FOUR-YEAR COLLEGES AND UNIVERSITIES.)

Course articulation agreements exist with Brigham Young University, Southern Utah University, University of Utah, Utah State University, Utah Valley State College, Weber State University and Westminster College. Agreements are available in Business Building, room 132, or Student Center room 240 in the Transfer Center files or with academic advisors at other campuses. Transfer planning is essential, please see academic advisor. Advisors are available in Business Building, room 132, or Student Center room 240, or advising at other campuses. Students who will major in accounting should consider completing the accounting courses just prior to transfer so they are ready for the junior level accounting requirements.

BRIGHAM YOUNG UNIVERSITY

PRE-ACCOUNTING MAJORS

Accounting at BYU is a limited enrollment, competitive admission major, accepting students for fall only. ACCT 2010 and ACCT 2020 must have a minimum grade of 'B' or better. These two courses are grade discounted .3 (A to A-). BYU's MCOM 320 and I SYS 201 must be completed prior to the accounting school application deadline. Transfer students can increase their acceptance possibilities by taking BYU's ACC 210. These courses may be completed at the BYU-SL Center. Repeating courses for purposes of admissions is strongly discouraged and will be discounted one full grade (A- to B-). The minimum GPA to apply is 3.0, but the typical GPA for admissions to accounting is a 3.8-3.9. Rolling admissions begins Nov 1 of the preceding year. (Rolling admissions means that the accounting committee sets a very high acceptance standard and any students who meets that acceptance standard is accepted prior to the final application deadline. All other applying students are placed in the standard ranking list and acceptance is determined under usual acceptance).

PRE-INFORMATION SYSTEMS MAJORS

Information Systems at BYU is a limited enrollment, competitive admission major, accepting students for fall only. CIS 1020 must be completed with a grade of 'B' or better. ACCT 2010 is grade discounted .3 (A to A-). Repeated courses are discounted one full grade (A- to B-). BYU's ISYS 201, 202 and M Com 320 must be

completed prior to the information systems application deadline. These courses can be taken at the BYU-SL Center. The minimum GPA is 3.0. There is not an established GPA standard yet for this major. Rolling admissions begins Nov 1 of the preceding year. (See the Pre-Accounting Major section for a definition of rolling admissions).

PRE-MANAGEMENT MAJORS

Management at BYU is a limited enrollment, competitive admission major, accepting students fall semester, winter semester, and spring semester. (Spring semester at SLCC is called winter semester at BYU. CIS 1020 must be completed with a grade of 'B' or better. ACCT 2010, ACCT 2020, BUS 1100, MGT 2040, ECON 2010 and ECON 2020 are grade discounted .3 (A to A-). Overall GPA and last 30 hrs GPA are not discounted. These courses must be completed prior to the business school application deadlines. The minimum GPA to apply is 3.0 but the typical GPA of recently admitted students is a 3.8 in the Pre-Management core.

SOUTHERN UTAH UNIVERSITY

CIS 1020 with a B grade or better clears the computer proficiency requirement to enter upper-division course work. CIS 2010 will be required beginning fall 2007. Business course requirements that can be taken as part of General Education: PSY1010 (SS) or SOC 1010 (SS). SUU also requires SLCC's BUS 2200 Business Communication which can be completed in addition to the Business AS or AA degree. The minimum GPA requirements are a 2.5+ in the pre-business and upper-division courses, including all transfer work.

UNIVERSITY OF UTAH

GRADE REQUIREMENTS

CIS 1020 and CIS 2010 with a 'B' grade or better clear the computer proficiency requirement to enter upper-division course work. Students must earn a grade of 'B' or better in ENGL 2010 and MATH 1050 or MATH 1090 or BUS 1100. Students must earn a grade of 'B-' or better in COMM 1020 or COMM 1010. COMM 1010 is acceptable as long as it was not taken before Summer 2003. Students must maintain a 'C-' or higher in all other business requirements. Typical average GPA of students recently admitted to upper-division is 3.3.

UNIVERSITY OF UTAH BUSINESS COURSES THAT CAN BE TAKEN AS PART OF GENERAL EDUCATION

1 course in Philosophy (Humanities or Interdisciplinary), 2 of 3 courses: Anthropology (Humanities or Interdisciplinary), Psychology (Social Science), Sociology (Interdisciplinary or Social Science).

UTAH STATE UNIVERSITY

CIS 1020 and CIS 2010 with a B grade or better clear the computer proficiency requirement to enter upper-division course work.

UTAH STATE UNIVERSITY BUSINESS COURSE REQUIREMENTS THAT CAN BE TAKEN AS PART OF GENERAL EDUCATION

PSY 1010 or SOC 1010.

SLCC Business AS/AA transfer students with a GPA of 3.5 or higher will be automatically accepted into USU's College of Business. Students with a GPA below 3.5 must apply through the College of Business with a minimum 'C' or better in ECON 2020, BUS 1100 and MGT 2040 and complete an application with essay. Students who plan to major in Accounting must have a grade of 'B' or better in Accounting 2010. USU also requires SLCC's BUS 2200 Business Communication which can be completed in addition to the Business AS or AA degree. A GPA of 3.0 is usually the lower end of applicants who are accepted.

Students may also pursue a degree in Business with an option in Accounting or General Business through the University Center at SLCC. The minimum required GPA is 2.56. For further information, call (801) 269-9422.

UTAH VALLEY STATE COLLEGE

The overall minimum GPA is a 2.5. No business courses below a grade of 'C-' are accepted. CIS 1020 and CIS 2010 with a 'B' grade or better clear the computer proficiency requirement. UVSC also requires SLCC's BUS 2200 Business Communication which can be completed in addition to the Business AS or AA degree.

WEBER STATE UNIVERSITY

CIS 2010 with a 'B' grade (80%) or better to clear the computer proficiency requirement to enter upper-division course work. COMM 1020 recommended. Before applying for admission to the Goddard School of Business students must attend at least one semester at WSU. They must have an overall GPA of 2.5 or higher. An overall GPA of 2.5 and a grade of C- or higher is required for ACCT 2010, ECON 2010, ECON 2020, and MGT 2340. Students must also have a Transfer Summary validation completed. Request this from the GSBE Academic Advising Center at WSU.

WESTMINSTER COLLEGE

COMM 1020 is required for graduation. Westminster now offers business B.S degrees which do not require foreign language. The business B.A. degrees require 2-3 semesters of one foreign language (see advisor). ENGL 2100 is not accepted at Westminster toward the English general education requirement. Minimum GPA of 2.3 is required. The general education diversity (DV) class has to be taken at Westminster. Check with an advisor to see about any SLCC class that might articulate for a DV at Westminster. However none of the DV classes at SLCC will count for this requirement.

ASSOCIATE OF ARTS DEGREE IN BUSINESS

(minimum 64-68 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intermed Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY				
MATH 1050	College Algebra	4	A	MATH 1010 w/C or CPT placement
OR				
MATH 1090	College Alg Bus	3	A	MATH 1010 w/C or CPT placement
AMERICAN INSTITUTIONS (3 CREDITS)				
ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM 1020	Prncpls Pb Spk	3	A	none
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COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none

Physical Science (PS) 3 A none
 Social Science (SS) 3 A none
 Humanities: PHIL 1000 or PHIL 2350 (was HUMA 2350) for the University of Utah.
 Interdisciplinary: except BUS 1050.
 Interdisciplinary: ANTH or SOC for the University of Utah
 Social Sciences: PSY or SOC for the University of Utah, PSY or SOC 1010 for Utah State University and Southern Utah University.
 See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COMPLETE EITHER OPTION 1 OR 2:

OPTION 1

*ACCT 1110 Financial Acct I 3 A none
AND
 *ACCT 1120 Financial Acct II 3 A ACCT 1110

OR

OPTION 2

*ACCT 2010 Survey Fin Acct 3 A none

*FINANCIAL ACCOUNTING NOTE

Students considering a major in Accounting should consider ACCT 1110 and ACCT 1120 for better preparation for upper-division Accounting courses. ACCT 1110 alone will not clear the Financial Accounting requirement at 4-year schools. All Utah 4-year colleges accept ACCT 1110 and ACCT 1120 or ACCT 2010 for Financial Accounting. The additional 3 credit hours required when taking the ACCT 1110 and ACCT 1120 combination are generally applied to Business elective courses at 4-year schools.

COMPLETE EACH OF THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or competency
BUS 1050 Foundations of Bus	3	A	none
BUS 1100 Calculus for Bus	3	A	MATH 1050 or MATH 1090
CIS 2010 BusCmpProfDatabase	3	A	CIS 1020 or Challenge Exam
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomic	3	A	none
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
**LANG1020 Foreign Lang	5	A	LANG 1010

**COMPLETE ONE OF THE FOLLOWING LANGUAGES:

ASLI 1020, CHI 1020, FRN 1020, GER 1020, ITL 1020, JPN 1020, POR 1020, RUS 1020, SPN 1020, or any language 1020.

**Students who want to earn a BA degree after transfer from SLCC are advised to take a language that the chosen school offers as upper-division to meet the BA language requirement. Not all colleges and universities offer all languages; consult with the chosen school's language department.

ADDITIONAL TRANSFER REQUIREMENTS

Additional transfer requirements beyond the AA/AS degrees that may be taken at SLCC before transferring to Utah State University, Southern Utah University and Utah Valley State College.

COURSE	CR	SEM	PREREQUISITES
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	1110	3	(ACCT 1120	3)	
	OR		ACCT 2020	3	
ACCT	2010	3	BUS 1100	3	
BUS	1050	3	ENGL 2010	3	
COMM	1020	3	AMERICAN INST	3	
ENGL	1010	3	DISTRIBUTION	12	
MATH	1050	4	TOTAL	15-18	
	OR				
MATH	1090	3			
HLAC		1			
TOTAL	16-17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS	2010	3	ECON 2020	3	
ECON	2010	3	DISTRIBUTION	12	
LANG	1020	5	TOTAL	15	
MGT	2040	4			
DISTRIBUTION		3			
TOTAL	18				

ASSOCIATE OF SCIENCE DEGREE IN BUSINESS

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1050 College Algebra	4	A	MATH 1010 w/C or better
OR			
MATH 1090 College Alg Bus	3	A	MATH 1010 w/C or better

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC	1	A	none

STUDENT CHOICE (3 CREDITS)

COMM 1020 Pncpls Pb Spk	3	A	none
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COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Humanities: PHIL 1000 or PHIL 2350 for the University of Utah.

Interdisciplinary: except BUS 1050.

Interdisciplinary: ANTH or SOC for the University of Utah.

Social Sciences: PSY or SOC for the University of Utah, PSY 1010 or SOC 1010 for Utah State University.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS**COMPLETE EITHER OPTION 1 OR 2:****OPTION 1**

*ACCT 1110	Financial Acct I	3	A	none
AND				
*ACCT 1120	Financial Acct II	3	A	ACCT 1110

OR**OPTION 2**

*ACCT 2010	Survey Fin Acct	3	A	none
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***FINANCIAL ACCOUNTING NOTE**

Students considering a major in Accounting should consider ACCT 1110 and ACCT 1120 for better preparation for upper-division Accounting courses. ACCT 1110 alone will not clear the Financial Accounting requirement at 4-year schools. All Utah 4-year colleges accept ACCT 1110 and ACCT 1120 or ACCT 2010 for Financial Accounting. The additional 3 credit hours required when taking the ACCT 1110 and ACCT 1120 combination are generally applied to Business elective courses at 4-year schools.

COMPLETE EACH OF THE FOLLOWING:

COURSE		CR	SEM	PREREQUISITES
ACCT 2020	Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or competency
BUS 1050	Foundations of Bus	3	A	none
BUS 1100	Calculus for Bus	3	A	MATH 1050 or MATH 1090
CIS 2010	BusCmpProfDatabase	3	A	CIS 1020 or comp
ECON 2010	Microeconomics	3	A	none
ECON 2020	Macroeconomic	3	A	none
MGT 2040	Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050	Legal Env Bus	3	A	BUS 1050

ADDITIONAL TRANSFER REQUIREMENTS

Additional transfer requirements beyond the AS degree to be taken at SLCC before transfer to Utah State University, Southern Utah University, Utah Valley State College, and Brigham Young University-Idaho:

COURSE		CR	SEM	PREREQUISITES
BUS 2200	Bus Communications	3	A	ENGL 1010 w/C or better

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ACCT 1110	3			(ACCT 1120 3)			
OR				ACCT 2020	3		
ACCT 2010	3			BUS 1100	3		
BUS 1050	3			ENGL 2010	3		
COMM 1020	3			AMERICAN INST	3		
ENGL 1010	3			DISTRIBUTION	3		
MATH 1050	4			TOTAL	15-18		
OR							
MATH 1090	3						
HLAC	1						
TOTAL	16-17						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CIS 2010	3			ECON 2020	3		
ECON 2010	3			MGT 2050	3		
MGT 2040	4			DISTRIBUTION	9		
DISTRIBUTION	6			TOTAL	15		
TOTAL	16						

BUSINESS MANAGEMENT

Business Building 105 (801) 957-4325
 General Information (801) 957-4073
 Academic Advisor BB 132A (801) 957-4300
<http://www.slcc.edu/businessmanagement>

Professor: Bob Cox, Don Gren, Roger Lee, Amar Sahay
 Associate Professor: Karen Killinger, Melodee Lambert
 Assistant Professors: Edward Engh, Robin Roberson
 Instructors: Basil Chelemes, Don Skousen

THE PROGRAM

The Business Management Department offers a Certificate of Completion and Associate of Applied Science degrees in Business Management, Logistics Management, Production Management and Small Business Management. These areas are designed to lead to employment as managers, manager-trainees, production planners and schedulers, engineering assistants, inventory control technicians, entrepreneurs, and a variety of other positions.

Students who are interested in pursuing courses leading to a Bachelor's Degree in Business Management areas should follow the courses listed in Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

Associate degree business programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree business programs.

General Education and elective courses provide training in effective oral and written communication and human relation skills. BUS 1050, BUS 2200, COMM 1010, LOG 2400, MGT 2070 and MGT 2500 are taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. The classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are computer applications, MATH 0990. Any class in the preparatory skills may be waived for students who can demonstrate equivalent skills.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before class may be taken. Students who want to challenge the exam are advised to review the information at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>. An 84% or higher is required on each section of the test. Once the exam is passed, a P is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS

Cooperative Education is SLCC's strategy for recognizing and rewarding new learning associated with student-related employment in a business, industrial or government work environment. Credit earned from MGT 2000 is applied toward graduation requirements as business elective credits. The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Education at (801) 957-4014.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BUSINESS MANAGEMENT

(minimum 65 hours required)

Business Management includes the study of business theory and principles applied in the many activities of business today, both nationally and worldwide. Emphasis is given to problem solving and decision making to prepare the graduate with decision-making skills for a variety of career areas.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better

HUMAN RELATIONS

MKTG 1960 Prof in Business	3	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary: except BUS 1050.

Humanities: PHIL 1000 or PHIL 2350 is required for transfer to the U of U.

Interdisciplinary: ANTH 1010 is required for transfer to the U of U.

Social Science: PSY 1010 or SOC 1010 is required for transfer to the U of U, USU, SUU.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 SurveyFinAcct	3	A	none
ACCT 2020 Managerial Actg	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
ECON 2020 Macroeconomic	3	A	none
MGT 1020 Intro to Dist Sys	3	A	none
MGT 2020 Entrepreneurship	3	A	ACCT 2020, BUS 1050, MKTG 1030
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050 Legal Env of Bus	3	A	BUS 1050
MGT 2070 Human Res Mg	3	F, Sp	BUS 1050
MGT 2080 Employment Law	3	F, Sp	BUS 1050
MGT 2500 Strat Mgmt Princ	3	Sp	BUS 2200, MKTG 2070
MGT 2600 Intl Trade Bus	3	Sp	BUS1050 or ECON2020
MGT 2950 Entreprn Forum	1	F	none
MGT 2960 Entreprn Forum	1	F	none
MKTG 1030 Intro to Mktg	3	A	none
BUS ——— Electives	6		

ELECTIVES (6 CREDITS)

ACCT 2520 Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
ECON 2100 Labor Econ	3	F, Sp	ECON 2010, ECON 2020
ECON 2400 Inter Econ/Fin	3	F	ECON 2010, ECON 2020
FIN 2210 Credit & Collect	2	A	ACCT 1110 or ACCT 2010
FIN 2950 Exec Lectures	1	Sp	none
MATH 1050 College Algebra	4	A	MATH 1010
OR			
MATH 1090 Coll Algebra Bus	3	A	MATH 1010
MGT 1040 Business Ethics	3	F, Sp	none
MGT 1600 Mgmt Essentials	3	A	none
MGT 2000 CO-OP	1-3	TBA	2nd year/approval
MGT 2350 Bus Stat II	3	A	MGT 2040, MATH 1090 or MATH 1050
MGT 2990 Current Topics	1-3	TBA	variable

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT 2010	3		ACCT 2020	3	
BUS 1050	3		ECON 2020	3	
ENGL 1010	3		FIN 1380	3	
MGT 1020	3		MKTG 1030	3	
MKTG 1960	3		MGT 2600	3	
MKTG 2950	1		DISTRIBUTION	3	
TOTAL	16		TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BUS 2200	3		MGT 2050	3	
MGT 2020	3		MGT 2080	3	
MGT 2040	4		MGT 2500	3	
DISTRIBUTION	3		ELECTIVES	6	
TOTAL	16		TOTAL	15	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BUSINESS MANAGEMENT/ PRODUCTION OPERATIONS AND SUPPLY CHAIN MANAGEMENT EMPHASIS

(minimum 64-65 hours required)

The Production Operations and Supply Chain Management program focuses on the production/operations, supply chain design and management, logistics, quality, and lean principles required to produce goods and services. Efficient management of production and service systems requires an understanding of these activities. Recent business globalization, fast response time requirement, short product life cycle, high quality and low cost product and service requirements, investment in supply chain and logistics, removal of non-value added activities (waste reduction), high customer expectations, and technological advancements are changing the ways of conducting businesses. These have also created new challenges. This program provides the students with the necessary background, understanding, and concepts that will help them meet the challenges of today's dynamic business environment and become productive employees or business owners.

PROGRAM PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CIS 1020 - Computer Essentials is a prerequisite for this program. Students may complete this prerequisite by successfully passing the CIS 1020 challenge exam. Challenge information may be obtained at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>. An 84% or higher is required on each section of the test. Once the exam is passed, a P is posted to the transcript and credit is awarded.

Computer lab fee may be required for core program courses. These courses use specialized software. The fee will be used to support the software and lab costs.

GENERAL EDUCATION RECOMMENDATIONS

(18-19 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	Pre-test
MATH 1050 College Algebra	4	A	MATH 1010 or CPT scores
OR			
MATH 1090 College Alg Bus	3	A	MATH 1010 or CPT scores
BUS 2200 Business Comm	3	A	ENGL 1010 w/C or better
MKTG 1960 Prof. in Business	3	A	None

DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary: Except BUS 1050

See pp. 25-27 for options in each of these categories.

PROGRAM COURSE REQUIREMENTS AND ELECTIVES (46 CREDIT HOURS)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	None
ACCT 2020 Managerial Acct	3	A	ACCT 2010, CIS 1020 or competency
BUS 1050 Bus & Society			None
BUS 1100 Applied Bus Calc	3	A	MATH 1050 or MATH 1090
CIS 2410 ADV Sprdst App	3	Sp	CIS 1020
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050 Legal Env of Bus	3	A	BUS 1050
MGT 2350 Bus Statistics II	3	A	MGT 2040, MATH 1050 or MATH 1090
MGT 2700 Prod/Op Mgt	3	F	MATH 1050 or MATH 1090, MGT 2040, MGT 2350
MGT 2710 Stat Qual Con/Six Sig	3	F	MGT 2040, MGT 2350
MGT 2720 SpplChnDesgn/Mgt	3	Sp	MGT 2700
MGT 2730 Lean Production	3	Sp	MGT 2700, MGT 2710
MGT 2740 Logistics & E-Bus	3	Sp	MGT 2700, MGT 2720

ELECTIVES

CHOOSE 6 CREDITS FROM THE FOLLOWING*

COURSE	CR	SEM	PREREQUISITES
MGT 1040 Business Ethics	3	F, Sp	none
MGT 2000 Co-Op	1-3	TBA	variable
MGT 2990 Special Topics	1-3	TBA	variable
MGT 2999 Current Topics	1-3	F, Sp	variable

* Elective courses should relate to operations and supply chain management. Suggested topics are Production/Operations Planning and Control, Project Management, Distribution Systems, Inventory Management, Economic Analysis, Work Design and Measurement, Mgt. of Automated Manufacturing System, Introduction to Enterprise Resource Planning (ERP).

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS	2200	3	BUS	1050	3
ENGL	1010	3	MATH	1050	4
MKTG	1960	3	OR		
DISTRIBUTION	6		MATH	1090	3
TOTAL	15		MGT	2040	4
			MGT	2050	3
			CIS	2410	3
			TOTAL	16-17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT	2010	3	ACCT	2020	3
BUS	1100	3	MGT	2720	3
MGT	2350	3	MGT	2730	3
MGT	2700	3	MGT	2740	3
MGT	2710	3	ELECTIVES	6	
TOTAL	15		TOTAL	18	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BUSINESS MANAGEMENT/ SMALL BUSINESS OWNERSHIP EMPHASIS

(minimum 66 hours required)

The Small Business Management program trains students to become successful entrepreneurs. The course of study emphasizes special skills necessary to introduce a business idea into the marketplace and manage the growth of the business to ensure profitability.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none
DISTRIBUTION AREAS			
Choose an additional six credit hours from two of the following distribution areas:			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary: except BUS 1050, FIN 1050.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
ACCT 2020 Managerial Actg	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
ECON 2010 Microeconomics	3	A	none
FIN 2040 Financial Mgmt	3	Sp	ACCT 2020
FIN 2210 Credit & Collect	2	A	ACCT 1110 or ACCT 2010
MGT 1020 Intro to Dist Sys	3	A	none
MGT 2020 Entrepreneurship	3	A	BUS 1050, MKTG 1030, ACCT 2020
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency

MGT	2050	Lgl Env of Bus	3	A	BUS 1050
MGT	2070	Hum Res Mgmt	3	F, Sp	BUS 1050
MGT	2080	Employment Law	3	F, Sp	BUS 1050
MKTG	1010	Cust Serv Tech	2	A	none
MKTG	1030	Intro to Mktg	3	A	none
MKTG	1480	Sales	3	Sp	none
BUS	—	Electives	4		

BUSINESS ELECTIVES (4 CREDITS)

FIN	1050	Personal Finance	3	A	none
FIN	2950	Exec Lectures	1	Sp	none
LE	1220	Human Relation	3	A	none
MGT	1040	Business Ethics	3	F, Sp	none
MGT	1600	Mgmt Essentials	3	A	none
MGT	2000	CO-OP	1-3	TBA	2nd year/approval
MGT	2600	Intrntl Trd & Bus	3	Sp	BUS 1050 or ECON 2020
MGT	2950	Entreprn Forum	1	F	none
MGT	2960	Entreprn Forum	1	F	none
MGT	2990	Current Topics	1	TBA	variable
MKTG	1070	Promotion	3	F	MKTG 1030 or concurrent
MKTG	1300	Bus Presentations	2	F	CIS 1020 or comp

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	2010	3	ACCT	2020	3
MKTG	1010	2	BUS	1050	3
ECON	2010	3	BUS	2200	3
ENGL	1010	3	MGT	1020	3
FIN	1380	3	MKTG	1960	3
MKTG	1030	3	TOTAL		15
TOTAL		17			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FIN	2210	2	FIN	2040	3
MGT	2070	3	MGT	2040	4
MGT	2020	3	MGT	2080	3
MGT	2050	3	MKTG	1480	3
MGT	2950	1	DISTRIBUTION		3
DISTRIBUTION		3	BUS ELECTIVE		2
BUS ELECTIVE		2	TOTAL		18
TOTAL		17			

**CERTIFICATE OF COMPLETION/^{CTE}
BUSINESS MANAGEMENT**

(minimum 33 hours required)

This program is a one-year course of study surveying essentials of business management to include the study of business theory and principles which are important in both a national and global perspective.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 SurveyFinAcct	3	A	none
ACCT 2020 Managerial Actg	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
BUS 2200 Business Comm	3	A	ENGL 1010 w/C or better
ENGL 1010 Intro to Writing	3	A	pre-test
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
MGT 1020 Intro to Dist Sys	3	A	none
MKTG 1030 Intro to Mktg	3	A	none
MKTG 1960 Prof in Business	3	A	none
MGT 2070 Hum Res Mgmt	3	F, Sp	BUS 1050
BUS — Elective	3		

**BUSINESS ELECTIVES
(3 CREDITS)**

ACCT	2520	Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
ECON	2100	Labor Econ	3	F, Sp	ECON 2010, ECON 2020
ECON	2400	Inter Econ/Fin	3	F	ECON 2010, ECON 2020

FIN	2210	Credit & Collect	2	A	ACCT 1110 or ACCT 2010
FIN	2950	Exec Lectures	1	Sp	none
MGT	1600	Mgmt Essentials	3	A	none
MGT	2000	CO-OP	1-3	TBA	2nd Yr/Approval
MGT	2040	Bus Stat I	4	A	BUS 1050, FIN 1380 or MATH 1010 and CIS 1020
MGT	2950	Entreprn Forum	1	F	none
MGT	2990	Current Topics	1-3	TBA	variable
MATH	1050	College Algebra	4	A	MATH 1010
OR					
MATH	1090	Coll Algebra Bus	3	A	MATH 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	2010	3	ACCT	2020	3
BUS	1050	3	BUS	2200	3
ENGL	1010	3	MGT	1020	3
FIN	1380	3	MGT	2070	3
MKTG	1030	3	MKTG	1960	3
(BUS ELECTIVE)		3	(BUS ELECTIVE)		3
TOTAL		15-18	TOTAL		15-18

BUSINESS ADMINISTRATION
SEE UNIVERSITY CENTER.**CAD APPLICATIONS TRAINING**
SEE CONTINUING EDUCATION.**CAD/CAM ENGINEERING
TECHNOLOGY**
SEE ENGINEERING DRAFTING/DESIGN TECHNOLOGY.**CARPENTER APPRENTICESHIP**
(INCLUDING CARPENTRY INDEPENDENT TECHNOLOGY APPRENTICESHIP AND CARPENTRY JATC TECHNOLOGY APPRENTICESHIP.) SEE APPRENTICESHIPS. ALSO SEE BUILDING CONSTRUCTION/CONSTRUCTION MANAGEMENT.**CDL LEARNER'S PERMIT
PREPARATION**
SEE SKILLS CENTER.**CEMENT MASON JATC
TECHNOLOGY APPRENTICESHIP**
SEE APPRENTICESHIPS.**CNA (CERTIFIED NURSE ASSISTANT)**
SEE SKILLS CENTER.**CHEMICAL ENGINEERING**
SEE ENGINEERING.**CHEMISTRY**

Science and Industry Building 341 (801) 957-4944
General Information (801) 957-4073
Academic Advising (801) 957-4184
<http://www.slcc.edu/chemistry>

Assistant Professors: Luther Gidding, Holly Phaneuf, Sesh Seshadri, Ron Valcarce

THE PROGRAM

The Chemistry Department offers a program leading to an Associate of Science degree. Required courses and laboratory instruction in this program provides the student the first two years of chemistry and related courses required for admission to baccalaureate

major programs. Program also provides a solid foundation in chemistry necessary for admission to professional programs and for employment in chemistry-related areas.

Chemistry is also a discipline essential to training for many pre-professional fields as well as health sciences. All classes are transferable to other schools in the state system of higher education and most other universities and colleges.

Chemistry classes are offered at four levels:

1. General one-semester survey class; fulfills General Education requirements for non-technical students;
2. A two-semester health science series of inorganic, organic and biochemistry;
3. A two-semester series of pre-engineering/pre-professional general inorganic chemistry;
4. A two-semester series of organic chemistry.

A preparatory class (CHEM 1100) is available to students with no previous courses in chemistry.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first-semester courses should plan on extra time to complete the program. For students majoring in chemistry, Calculus I is considered the entry-level math class.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 65-66 hours required)

GENERAL EDUCATION REQUIREMENTS (19-20 CREDITS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
OR			
ENGL 2100 Tech Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS (3 CREDITS)			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Govt & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS (15 CREDITS)

Choose an additional three credit hours from each of the following General Education areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

Physical Science is exempt; CHEM 1210 is required for the program
See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(34 HOURS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 Gen Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220 Gen Chem II	4	F, Sp	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2320 Organic Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
CHEM 2315 Organ Chem Lab I	1	F, Sp	w/CHEM 2310
CHEM 2325 Organ Chem Lab II	1	Sp, Su	w/CHEM 2320
MATH 1220 Calculus II	4	A	MATH 1210

COMPLETE ONE OF THE TWO PHYSICS SEQUENCES:

SEQUENCE 1

PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015
PHYS 2015 College Physics Lab I	1	A	w/ PHYS 2010
AND			
PHYS 2020 College Physics I	4	A	PHYS 2010, w/PHYS 2025
PHYS 2025 College Physics Lab II	1	A	w/PHYS 2020

OR

SEQUENCE 2

¹ PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
¹ PHYS 2215 Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
AND			
¹ PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210
¹ PHYS 2225 Physicsf/Sci&Eng LII	1	A	w/PHYS 2220
¹ Complete this sequence for U of U Chemistry major.			

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
CHEM 1210	4	CHEM 1220	4
CHEM 1215	1	CHEM 1225	1
ENGL 1010	3	ENGL 2010	3
MATH 1210	4	OR	
HLAC	1	ENGL 2100	3
STUDENT CHOICE	3	MATH 1220	4
TOTAL	16	AMERICAN INST	3
		TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CHEM 2310	4	CHEM 2320	4
CHEM 2315	1	CHEM 2325	1
PHYS 2010	4	PHYS 2020	4
AND		AND	
PHYS 2015	1	PHYS 2025	1
OR		OR	
PHYS 2210	4	PHYS 2220	4
AND		AND	
PHYS 2215	1	PHYS 2225	1
DISTRIBUTION	6	DISTRIBUTION	9
TOTAL	16	TOTAL	19

**COMPLETING THE LISTED REQUIREMENTS
BELOW RESULTS IN RECEIVING AN
ASSOCIATE OF SCIENCE TRANSFER DEGREE***
(minimum 63 hours required)

CHEMISTRY/PHYSICAL SCIENCE

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intern Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	Am Ntl Govt	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMMUNICATION OR DEPTH CHOICE

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CHEM 1210	General Chem I	4	F, Sp
CHEM 1220	General Chem II	4	Sp, Su
CHEM 1215	Gen Chem Lab I	1	F, Sp
CHEM 1225	Gen Chem Lab II	1	Sp, Su
CHEM 2310	Organ Chem I	4	F, Sp

CHEM 2315	Org Chem Lab I	1	F, Sp	w/CHEM 2310
CHEM 2320	Organ Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
CHEM 2325	Org Chm Lab II	1	Sp, Su	w/CHEM 2320
MATH 1220	Calculus II	4	A	MATH 1210
PHYS 2010	College Physics I	4	A	MATH 1060, w/PHYS 2015
OR				
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
AND				
PHYS 2015	College Physics Lab I	1	A	w/PHYS 2010
OR				
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
CHEM 1210	4	CHEM 1220	4
CHEM 1215	1	CHEM 1225	1
ENGL 1010	3	ENGL 2010	3
MATH 1210	4	MATH 1220	3
HLAC	1	AMERICAN INST	3
STUDENT CHOICE	3	TOTAL	15
TOTAL	16		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CHEM 2310	4	CHEM 2320	4
CHEM 2315	1	CHEM 2325	1
PHYS 2010	4	DISTRIBUTION	12
AND		TOTAL	17
PHYS 2015	1		
OR			
PHYS 2210	4		
AND			
PHYS 2215	1		
DISTRIBUTION	6		
TOTAL	16		

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
CHEM 1010	Intro to Chem	3	A
CHEM 1100	Prep Chem	3	A
CHEM 1110	Elem Chem	4	A
CHEM 1115	Elem Chem Lb	1	A
CHEM 1120	Elem Bioorg	4	A
CHEM 1125	Elem Bioorg Chem Lb	1	A
CHEM 1210	General Chem I	4	F, Sp
CHEM 1215	Gen Chem Lab I	1	F, Sp
CHEM 1220	General Chem II	4	Sp, Su
CHEM 1225	Gen Chem Lb II	1	Sp, Su
CHEM 2000	Chemistry Coop	2-4	A
CHEM 2310	Organ Chem I	4	F, Sp
CHEM 2320	Organ Chem II	4	Sp, Su
CHEM 2315	Org Chem Lab I	1	F, Sp
CHEM 2325	Org Chem Lb II	1	Sp,

CHINESE

SEE LANGUAGE AND CULTURE.

CIVIL/ENVIRONMENTAL ENGINEERING

SEE ENGINEERING.

CLERKSEE OFFICE CLERK UNDER **SKILLS CENTER**.**COMMUNICATION**

Books and Supplies: Cost for general student supplies and texts are comparable with other General Education classes. Classes requiring registration for a lab may require a small replacement and disposable fee to cover the cost of the student's use of lab facilities and supplies.

Redwood Campus, AT 208 (801) 957-4130
 General Information (801) 957-4073
 Academic Advisor SC 240 (801) 957-4184
<http://www.slcc.edu/communication/index.asp>

Professors: Carolyn Clark, Nina Edgmond, Julie Gay, Shirley Jones
 Associate Professor: Reed Markham
 Assistant Professors: Shireen Bell, Nick Burns, Roger Johnson,
 Art Kanehara, Jay Williams

THE PROGRAM

The Associate of Science degree in Communication requires a minimum of 64 semester credit hours with a cumulative grade-point average of 2.0 or better (2.6 or better is required for students transferring to U of U). Elective hours may be selected from department approved lists to emphasize the student's interest area in communication.

Mass communication courses range from a basic introductory course (COMM 1500) to specialized courses in radio and television broadcasting, media writing, public relations, visual communication, telecommunication and media management and sales. Advanced students can participate on student radio, television or telecommunication programs.

Journalism courses range from a basic introductory course (COMM 1610) to more specialized courses in both print and broadcast journalism, media writing, interviewing and reporting. Advanced journalism students can contribute to the student newspaper (Globe) or to student radio and television broadcasts.

Speech communication courses range from a basic introductory course (COMM 1020) to specialized courses in rhetoric, persuasion, interpersonal communication, small group communication, organizational communication and public speaking.

Internships (COMM 2000) are strongly encouraged for all communication majors and students may earn a portion of their elective credits by accepting and successfully fulfilling an available student internship in their area of interest.

PREREQUISITES

Students are strongly encouraged to take ENGL 1010 during their first semester. This is a prerequisite to a number of communication courses. COMM 1010 and COMM 1050 are also required as core courses for communication students. It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the current class schedule for availability of courses at all sites for day/evening availability and for modification caused by varying enrollments.

TRANSFER NOTES

Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well

as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

The U of U and USU Communication majors only apply three courses toward major requirements. Dixie State College supplies the majority of SLCC Communication classes toward the major requirements.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quant Reas	3	A	MATH 1010
AMERICAN INSTITUTIONS (3 CREDITS)			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Govt & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC _____	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none

COMPUTER LITERACY**DISTRIBUTION AREAS**

Complete the following distribution (HU) course:

COMM 1050 Elem Human Com	3	A	none
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Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM 2110 Interprsnal Com	3	F, Sp	none
COMM 2500 Elem of Digit Med	4	F, Sp	none
COMM _____ Electives	23		

ELECTIVE OPTIONS FOR STUDENT'S SPECIFIC INTERESTS**BROADCAST JOURNALISM (23 CREDITS)**

COURSE	CR	SEM	PREREQUISITES
COMM 1130 Reprtn g f/Mass Med	4	A	none
COMM 1500 Intro to Mass Comm	3	A	none
COMM 1610 Jmlm I Rprtn g/Wrtng	3	F, Sp	ENGL 1010
COMM 2200 Broad Prod & Perform	4	F, Sp	w/COMM 2205 lab
COMM 2205 Bdest Prod Lab	1	F, Sp	w/COMM 2200
COMM 2310 Inter Video Prod	3	A	w/COMM 2311
COMM 2311 Inter Video Prod L	1	A	w/COMM 2310
*Electives	4		

*Internships or other electives from department approved list.

PRINT JOURNALISM (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1120	Princ of Interview	3	F, Sp	none
COMM 1130	Reprtn g f/Mass Med	4	A	none
COMM 1500	Intro to Mass Comm	3	A	none
COMM 1610	Jrn I: Rprtn g/Wrtn g	3	F, Sp	ENGL 1010
COMM 1620	Jrnalism II: Editing	3	F, Sp	COMM 1610
COMM 1630	Jrn III: Layout/Dsgn	3	F, Sp	COMM 1610
	*Electives	4		

*Internships or other electives from department approved list.

BROADCASTING (MINIMUM 23 CREDITS)

(SEE ALSO "BROADCAST VIDEO/AUDIO PRODUCTION")

COURSE		CR	SEM	PREREQUISITES
COMM 1130	Reprtn g f/Mass Med	4	A	none
COMM 1500	Intro to Mass Comm	3	A	none
COMM 2200	Broad Prod & Perform	4	F, Sp	w/COMM 2205 lab
COMM 2205	Bdcast Prod Lab	1	F, Sp	w/COMM 2200
COMM 2310	Inter Video Prod	3	A	w/COMM 2311
COMM 2311	Inter Video Prod L	1	A	w/COMM 2310
COMM 2590	Advt Media & Sales	3	Sp	none
	*Electives	4		

*Internships or other electives from department approved list.

PUBLIC RELATIONS (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1130	Reprtn g f/Mass Med	4	A	none
COMM 1500	Intro to Mass Comm	3	A	none
COMM 1800	Digital Media Essnt	4	A	none
COMM 2440	Web Site Design	3	A	COMM 1800
COMM 2550	Intro to Pub Rel	3	Sp	none
COMM 2590	Advt Media & Sales	3	Sp	none
	*Electives	3		

*Internships or other electives from department approved list.

TELECOMMUNICATION (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1130	Reprtn g f/Mass Med	4	A	none
COMM 1500	Intro to Mass Comm	3	A	none
COMM 1800	Digital Media Essnt	4	A	none
COMM 2440	Web Site Design	3	A	COMM 1800
COMM 2590	Advt Media & Sales	3	Sp	none
	*Electives	6		

*Internships or other electives from department approved list.

ORGANIZATIONAL COMMUNICATION (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1020	Princpls of Pub Spk	3	A	none
COMM 1120	Princ of Interview	3	F, Sp	none
COMM 1270	Analysis of Argumnt	3	F, Sp	none
COMM 2020	Persuasion Prac	3	F	none
COMM 2120	Small Group Comm	3	Sp	none
**COMM2170	Organization Com	3	F, Sp	none
	*Electives	5		

*Internships or other electives from department approved list.

**Internet only.

INTERPERSONAL/SMALL GROUP COMMUNICATION (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1020	Princpls of Pub Spk	3	A	none
COMM 1120	Princ of Interview	3	F, Sp	none
COMM 1270	Anly of Argument	3	F, Sp	none
COMM 2120	Small Group Comm	3	Sp	none
COMM 2150	Intcultural Com	3	Sp	none
**COMM2170	Organization Com	3	F, Sp	none
	*Electives	5		

*Internships or other electives from department approved list.

**Internet only.

PUBLIC COMMUNICATION (23 CREDITS)

COURSE		CR	SEM	PREREQUISITES
COMM 1020	Princpls of Pub Spk	3	A	none
COMM 1270	Anly of Argument	3	F, Sp	none
COMM 2020	Persuasion Prac	3	F	none
COMM 2120	Small Group Comm	3	Sp	none
COMM 2150	Intcultural Com	3	Sp	none
**COMM2170	Organization Com	3	F, Sp	none
	*Electives	5		

*Internships or other electives from department approved list.

**Internet only.

SAMPLE SCHEDULE

FIRST SEMESTER				SECOND SEMESTER			
COMM 1050	3			COMM 1010	3		
ENGL 1010	3			ENGL 2010	3		
DISTRIBUTION	6			AMERICAN INST	3		
COMM ELECTIVE	5			COMM ELECTIVE	6		
TOTAL	17			TOTAL	18		
THIRD SEMESTER				FOURTH SEMESTER			
COMM 2110	3			COMM 2500	4		
DISTRIBUTION	6			MATH 1030	3		
COMM ELECTIVE	6			HLAC	1		
TOTAL	15			COMM ELECTIVE	6		
				TOTAL	14		

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm	3	A	none
COMM 1020	Princpls of Pub Spk	3	A	none
COMM 1050	Ele Human Com	3	A	none
COMM 1120	Princ of Interv	3	F, Sp	none
COMM 1130	Reprtn g f/Mass Med	4	A	none
COMM 1250	Broadcast Perf/Intrp	3	F, Sp	none
COMM 1270	Anly of Argumnt	3	F, Sp	none
COMM 1500	Intro to Mass Comm	3	A	none
COMM 1560	Radio Production	2	A	w/COMM 1561
COMM 1561	Radio Production Lb	1	A	w/COMM 1560
COMM 1610	Jrn I: Rprtn g/Wrtn g	3	F, Sp	ENGL 1010
COMM 1620	Jrnalism II: Editing	3	F, Sp	COMM 1610
COMM 1630	Jrn III: Layout/Dsgn	3	F, Sp	COMM 1610
COMM 1800	Digital Media Essnt	4	A	none
COMM 1900	Special Studies	1-3	F, Sp	approval
COMM 2000	Com CO-OP	2-4	A	approval
COMM 2020	Persuasion Prac	3	F	none
COMM 2110	Interprsnal Com	3	F, Sp	none
COMM 2120	Small Group Comm	3	Sp	none
COMM 2150	Intcultural Com	3	Sp	none
**COMM2170	Organization Com	3	F, Sp	none
COMM 2200	Broad Prod & Perform	4	F, Sp	w/COMM 2205 lab
COMM 2205	Bdcast Prod Lab	1	F, Sp	w/COMM 2200
COMM 2310	Inter Video Prod	3	A	w/COMM 2311
COMM 2311	Inter Video Prod L	1	A	w/COMM 2310
COMM 2440	Web Site Design	3	A	COMM 1800
COMM 2500	Elem of Digit Med	4	F, Sp	none
COMM 2510	Adv Video Prod	3	A	COMM 2310, w/COMM 2511
COMM 2511	Adv Video Prod Lb	1	A	COMM 2311, w/COMM 2510
COMM 2520	Tele Web Prod/Perf	2	Sp	w/COMM 2521
COMM 2521	Tele Web Prod/Perf Lb	1	Sp	w/COMM 2520
COMM 2560	Radio Performance	1	TBA	Concurrent w/COMM 2561
COMM 2561	Radio Perform Lb	2	A	Concurrent w/COMM 2560
COMM 2550	Intro to Pub Rel	3	Sp	none
COMM 2570	Intro Vis Com	4	F	none
COMM 2590	Med Mgt Sales	3	Sp	none
COMM 2900	2nd Yr Prodt n Proj	3	A	COMM 2510 or COMM 2570
COMM 2920	Current Topics	1-2	TBA	approval

**Internet only.

COMPUTER ENGINEERING SEE ENGINEERING.

COMPUTER INFORMATION SYSTEMS

Redwood Campus, BB 109 (801) 957-5151

General Information (801) 957-5150

Academic Advisor, BB 132A (801) 957-4300

Professors: Michael Beddoes, Larry Egelund, Maureen Ellison, Gordon Frisbey, Susumu Kasai, Linda Metos, Lorna Wells

Associate Professors: Marilyn Hibbert, Randy Koziatsek, Bruce Worthen

Instructors: Phil Nielsen

THE PROGRAM

The Computer Information Systems Associate of Applied Science program prepares students for professional careers in the information systems field as program designers, programmer/analysts or systems analysts. Graduates perform detailed program design, coding, testing, documentation and implementation of commercially oriented information systems. The program develops a student's ability to conceptualize, design and implement information systems.

The CIS curriculum offers the same department core classes within three different areas of emphasis: Computer Programming and Design, e-Commerce and Integrated Systems Specialist.

*CIS	1030	Object-Oriented Programming I
CIS	1130	Object-Oriented Programming II
CIS	1135	Object-Oriented Analysis and Design

Material presented in the courses is reinforced in later courses through practical application.

General Education and elective courses provide training in oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

The Computer Information Systems associate degree programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree granting business programs.

TRANSFER INFORMATION

The Computer Information Systems Associate of Science degree prepares students for transfer to Weber State University, Computer Science Bachelor's degree program offered evenings at SLCC through the University Center. For further information contact the University Center at (801) 957-4824.

Preparing for transfer requires advance research and planning by students. Please contact the Academic Advisor, (801) 957-4300. Students who wish to transfer to the University of Utah Computer Science program should consult with the Computer Science Advisor, (801) 957-4858.

GRADE REQUIREMENT

*In this program, students must complete CIS 1030 and CIS 1130 with a 3.0 grade or higher. In addition, students must maintain a 2.5 cumulative grade point average in all CIS courses. Students who do not maintain a 2.5 cumulative grade point average may not continue in the program without approval of the Division Chair. Grades less

than 2.0 will not be credited toward graduation. Success highly depends upon students being able to type at least 35 words per minute. It is recommended that CIS students who need improvement take appropriate keyboarding and skill building courses.

CERTIFICATION

To be successful in the computer industry students need broad, foundational problem solving skills provided by academic degrees that give breadth of knowledge to obtain employment as well as preparation for certification exams. Industry certifications are a very positive development in the computer field, but are intended to be a supplement to academic training, not a substitute for it. Many certification tests assume students have significant computer experience and are intended only to offer an in-depth examination of a specific version of software.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate or degree. The classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are WRTG 0990 (College Preparatory Writing), and MATH 1010 (Intermediate Algebra) Placement testing will be done upon entry to the College unless students have had prior college-level experience.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students without prerequisite class skills are at a disadvantage and may be required to repeat the course after satisfying the prerequisites.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review information at <http://www.poseidon.slcc.edu>. An 84% or higher is required on each section of the test. Once an exam is passed a P is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS

Cooperative Education is the College's program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from CIS 2000 is applied toward graduation requirements as CIS elective credit. CIS major and sophomore standing are requirements for Cooperative Education in the CIS department.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Office at (801) 957-4014.

CLASS AVAILABILITY

The semester in which courses are taught is listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61-62 hours required)

TRANSFER INFORMATION

The AS degree is designed to transfer to Weber State University Computer Science B.S. offered in the evening at SLCC through the University Center. Preparing for a smooth transition to a four-year college or university requires advance research and planning by students. Requirements for four-year universities and colleges are subject to change; ongoing planning is essential.

A course articulation exists with Weber State University Computer Science Department. Agreements are available at the University Center in Portable Office 1, or in the Student Center Room 240 in the Transfer Center files.

Weber offers the required upper-division courses in the evening at SLCC in conjunction with the University Center. Two tracks offered include:

NETWORK SECURITY AND ADMINISTRATION SOFTWARE ENGINEERING

Weber requires a B- grade average in ENGL 1010, CIS 1135, CIS 2730, and CIS 2150. A grade of C or better is required in all other courses required for this major and students must maintain a minimum GPA of 2.70.

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010	Intro To Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

*MATH 1060	Trigonometry	3	A	MATH 1050 w/C or better or appropriate CPT score
OR				
*MATH 1210	Calculus I	4	A	MATH 1060 w/C or better or appropriate CPT score

*MATH 1060 for Weber's Network and Security Administration or
MATH 1210 for Weber's Software Engineering Emphasis.

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM 1010 is required for Weber State University.

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary except TECH 1010 and CIS 1430.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
*CIS 1030	Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130	Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135	Obj-Ori Analy/Dsgn	3	F, Sp	CIS 1130 or concurrent

CIS 1430	Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1520	Operating Systems	3	F, Sp	CIS 1020 or competency
CIS 2150	Comp Organization	3	F, Sp	CIS 1030 and CIS 1130 or concurrent
CIS 2350	UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2420	Ntwk Hard Conf	3	F	CIS 1430
CIS 2600	Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent

*CIS 1030 and CIS 1130 must be completed with a B grade or better.

ADDITIONAL TRANSFER REQUIREMENTS

In order to transfer to WSU upper division coursework, additional courses are required beyond the AS degree; they can be taken at SLCC prior to transferring to the WSU program:

COURSE		CR	SEM	PREREQUISITES
CIS 2430	Internet Admin	3	Sp	CIS 1430, CIS 2420
CIS 2730	C++ Prog w/Obj	3	F, Sp	CIS 1135
CS 2320	Comp Mainten (A+) Cert	4	A	CIS 1010
CS 2430	Discrete Structures	3	Sp	CS 2420
MATH 1040	Statistics	3	A	MATH 1010 w/C or better or appropriate CPT score

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CIS 1030	3			CIS 1130	3		
CIS 1430	3			CIS 1135	3		
ENGL 1010	3			CIS 1520	3		
STUDENT CHOICE	3			ENGL 2010	3		
DISTRIBUTION	6			MATH 1060	3		
TOTAL	18			OR			
				MATH 1210	4		
				TOTAL	15-16		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CIS 2420	3			CIS 2150	3		
CIS 2600	3			CIS 2350	3		
HLAC	1			DISTRIBUTION	9		
DISTRIBUTION	3			TOTAL	15		
AMERICAN INST	3						
TOTAL	13						

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN COMPUTER INFORMATION SYSTEMS/COMPUTER PROGRAMMING AND DESIGN EMPHASIS

(minimum 66 hours required)

This emphasis is for professional careers in the information systems field. Students select either structured design or object oriented design as they prepare for a career. Job titles include programmers, program designers, programmer/analysts or system analysts. Graduates are trained to perform detailed program designing, coding, testing, documentation and implementation of commercially oriented information systems.

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 2100	Technical Wrtng	3	A	ENGL 1010 w/C or better
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QUANTITATIVE LITERACY

MATH 1050	College Algebra	4	A	MATH 1010 w/C or better or appropriate CPT score
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OR

MATH 1090	College Alg Bus	3	A	MATH 1010 w/C or better or appropriate CPT score
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

MKTG 1010	Customer Serv	2	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
*Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

*Except CIS 1430.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT 1110	Financial Acct I	3	A	none
BUS 2200	Bus Communications	3	A	ENGL 1010 w/C or better
*CIS 1030	Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130	Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135	Obj-Ori Anal/Dsgn	3	F, Sp	CIS 1130 or concurrent
CIS 1430	Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 2150	Comp Organization	3	F, Sp	CIS 1030 and CIS 1130 or concurrent
CIS 2600	Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent
CIS 2800	Bus Sys Design	3	F, Sp	CIS 2600, and CIS 2760 or CIS 2730
Electives		16	A	

*CIS 1030 and CIS 1130 must be completed with a B grade or better.

****SELECT ONE OF THE FOLLOWING SEQUENCES:****SEQUENCE 1**

CIS 2730	C++Prog w/Objs	3	F, Sp	CIS 1135 or concurrent
CIS 2735	Win App Prog	3	F, Sp	CIS 2730

OR**SEQUENCE 2**

CIS 2760	Java I	3	F, Sp	CIS 1135 or concurrent
CIS 2770	Java II	3	F, Sp	CIS 2760

**The alternate language can count toward elective credits.

ELECTIVES (16 CREDITS)

CIS 1520	Operating Systems	3	F, Sp	CIS 1020 or comp
CIS 2000	CO-OP	2-4	A	instructor's approval
CIS 2010	BusCompProf DBase	3	F, Sp	CIS 1020 or comp
CIS 2350	UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2410	Adv Sprdst App	3	Sp	CIS 1020 or comp
CIS 2420	Ntwk Hard Conf	3	Sp, F	CIS 1430
CIS 2430	Internet Admin	3	Sp	CIS 1430, CIS 2420
CIS 2460	Ntwk Mgmt	3	Sp	CIS 1520
CIS 2550	Data Base Prog	3	F, Sp	CIS 1030, CIS 1550
CIS 2650	ORACLE	3	Sp	CIS 2010

CIS 2990	Current Topics	1-3	F, Sp	instructor's approval
FIN 1380	Financial Math	3	A	MATH 0990 or CPT
MKTG 1030	Intro to Mktg	3	A	none
MKTG 1050	Consumerism	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ACCT	1110	3		CIS	1130	3	
CIS	1030	3		CIS	1135	3	
CIS	1430	3		CIS ELECTIVE		2	
CIS ELECTIVES		5		COMM	1010	3	
DISTRIBUTION		3		MATH	1090	3	
TOTAL		17		DISTRIBUTION		3	
				TOTAL		17	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CIS	2600	3		BUS	2200	3	
CIS	2730	3		CIS	2150	3	
OR				CIS	2735	3	
CIS	2760	3		OR			
CIS ELECTIVES		6		CIS	2770	3	
MKTG	1010	2		CIS	2800	3	
ENGL	2100	3		CIS ELECTIVE		3	
TOTAL		17		TOTAL		15	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN COMPUTER INFORMATION SYSTEMS E-COMMERCE EMPHASIS

(minimum 65-67 hours required)

This emphasis is for professional careers in the e-commerce area of the information systems field. Job titles include web programmer, web designer and web engineer. Fundamentals of business as well as technical skills are emphasized, in order to utilize e-commerce effectively in a business environment. The "business to consumer" and "business to business" paradigms are explored. Graduates are trained in the technical aspects of web site management, preparation, development and implementation.

The degree provides foundational skills for information systems and in particular the e-commerce area of information systems. These foundational systems can and should be augmented with post-graduate certificates in e-commerce. Certifications in specific areas are offered by various departments on campus including Continuing Education, Digital Media Technology, Electronics, and Computer Science.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Wrtnng	3	A	pre-test
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QUANTITATIVE LITERACY

MATH 1010	Intrmd Algebra	4	A	MATH 0990 w/C or better or appropriate CPT score
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OR

FIN 1380	Financial Math	3	A	MATH 0990 w/C or better or appropriate CPT score
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

MKTG 1010	Customer Serv	2	A	none
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OR

MKTG 1960	Profslslm in Bus	3	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none

Physical Science (PS) 3 A none
 Social Science (SS) 3 A none
 Interdisciplinary: Strongly recommend BUS 1050. CIS 1430 is not an option.
 Social Sciences: Strongly recommend ECON 1010.
 See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT 1110	Financial Acct I	3	A	none
*CIS 1030	Obj-Oriented Pro I	3	F, Sp	CIS 1020 or comp
*CIS 1130	Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135	Obj-Ori Analy/Dsgn	3	F, Sp	CIS 1130 or concurrent
CIS 1430	Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1520	Operating Systems	3	F, Sp	CIS 1020 or comp
CIS 2010	BusCompProf DBase	3	F, Sp	CIS 1020 or comp
CIS 2350	UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2420	Ntwk Hard Conf	3	Sp, F	CIS 1430
CIS 2430	Internet Admin	3	Sp	CIS 1430, CIS 2420
CIS 2600	Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent
CIS 2650	ORACLE	3	Sp	CIS 2010
CIS 2730	C++ Prog w/Obj	3	F, Sp	CIS 1135
CIS 2735	Windows App Prog	3	F, Sp	CIS 2730
CIS 2810	E-cmSysDsgn/Imp	3	Sp, Su	CIS 2650, CIS 2750
MKTG 1030	Intro to Mktg	3	A	none

*CIS 1030 and CIS 1130 must be completed with a B or better.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ACCT 1110	3			CIS 1130	3		
CIS 1030	3			CIS 1135	3		
CIS 1430	3			CIS 2010	3		
CIS 1520	3			COMM 1010	3		
MATH 1010	4			MKTG 1030	3		
				MKTG 1960	3		
OR				OR			
FIN 1380	3			MKTG 1010	2		
TOTAL	15-16			TOTAL	17-18		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CIS 2350	3			CIS 2430	3		
CIS 2420	3			CIS 2650	3		
CIS 2600	3			CIS 2735	3		
CIS 2730	3			CIS 2810	3		
ENGL 1010	3			DISTRIBUTION	3		
DISTRIBUTION	3			TOTAL	18		
TOTAL	18						

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN COMPUTER INFORMATION SYSTEMS/INTEGRATED SYSTEMS SPECIALIST EMPHASIS

(minimum 66 hours required)

This emphasis is for professional careers in the use of computer equipment, software application use and the purchase and maintenance of these systems. Job titles include computer coordinators, LAN managers and integrated system specialists. Students are trained with a programming orientation emphasizing personal computer applications and skills.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
MATH 1010	Interm Algebra	4	A	MATH 0990 w/C or better or appropriate CPT score
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none

HUMAN RELATIONS

MKTG 1960 Profess in Bus 3 A none

DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
*Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

*Except CIS 1430.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
*CIS 1030	Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130	Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135	Obj-Ori Analy/Dsgn	3	F, Sp	CIS 1130 or concurrent
CIS 1430	Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1520	Operating Systems	3	F, Sp	CIS 1020 or comp
CIS 2010	BusCompProf DBase	3	F, Sp	CIS 1020 or comp or Challenge exam
CIS 2350	UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2410	Adv Sprdst App	3	Sp	CIS 1020 or comp or Challenge exam
CIS 2420	Net Hard Con	3	F, Sp	CIS 1430
CIS 2430	Internet Admin	3	Sp	CIS 1430, CIS 2420
CIS 2460	Netwk Mgmt	3	Sp	CIS 1520
CIS 2550	Data Base Prog	3	F, Sp	CIS 1030, CIS 1550
MKTG 1010	Cust Serv Tech	2	A	none
ENGL 2100	Tech Writing	3	A	ENGL 1010
	Electives	7		

*CIS 1030 and CIS 1130 must be completed with a B grade or better.

ELECTIVES (7 CREDITS)

ACCT 1110	Financial Acct I	3	A	none
BUS 2200	Bus Communications	3	A	ENGL 1010
CIS 1900	Special Projects	1	F, Sp	none
CIS 2000	CO-OP	2-4	A	approval
CIS 2650	ORACLE	3	Sp	CIS 2010
CIS 2990	Current Topics	1-3	F, Sp	approval
FIN 1380	Financial Math	3	A	MATH 0990 or CPT
MKTG 1030	Intro to Mktg	3	A	none
MKTG 1050	Consumerism	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CIS 1030	3			CIS 1130	3		
CIS 1430	3			CIS 1135	3		
ENGL 1010	3			CIS 1520	3		
MATH 1010	4			CIS 2010	3		
DISTRIBUTION	3			ENGL 2100	3		
TOTAL	16			TOTAL	18		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CIS 2420	3			CIS 2410	3		
CIS 2350	3			CIS 2430	3		
CIS ELECTIVES	5			CIS 2460	3		
COMM 1010	3			CIS 2550	3		
MKTG 1010	2			CIS ELECTIVES	2		
TOTAL	16			TOTAL	17		

CERTIFICATE OF COMPLETION/^{CTE} PERSONAL COMPUTING

(minimum 35 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
*CIS 1030	Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130	Obj-Oriented Pro II	3	F, Sp	CIS 1030

COMPUTER SCIENCE

CIS	1430	Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS	1520	Operating Systems	3	F, Sp	CIS 1020 or comp
CIS	2010	BusCompProf DBase	3	F, Sp	CIS 1020 or comp or Challenge Exam
CIS	2410	Adv Sprdst App	3	Sp	CIS 1020 or comp
CIS	2420	Ntwk Hard Conf	3	F	CIS 1430
CIS	2430	Internet Admin	3	Sp	CIS 1430, CIS 2420
CIS	2460	Ntwk Mgmt	3	Sp	CIS 1520
MKTG	1010	Customer Svc	2	A	none
ENGL	1010	Intro to Writing	3	A	pre-test
FIN	1380	Financial Math	3	A	MATH 0990 or CPT

*Students must complete CIS 1030 and CIS 1130 with a grade of B (3.0) or above and maintain a 2.5 cumulative grade point average in all CIS courses.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CIS	1030	3		CIS	1130	3	
CIS	1430	3		CIS	2420	3	
CIS	1520	3		CIS	2430	3	
CIS	2010	3		CIS	2460	3	
CIS	2410	3		FIN	1380	3	
MKTG	1010	2		TOTAL		15	
ENGL	1010	3					
TOTAL		20					

COMPUTER SCIENCE

SEE ALSO **UNIVERSITY CENTER.**

Estimated cost of books and supplies per semester \$250-\$300

Division of Engineering, Computer Science and Related Technologies
Science and Industry Building 245 (801) 957-4826
General Information (801) 957-4073
Academic Advisor (801) 957-4858
<http://www.cs.slcc.edu/>

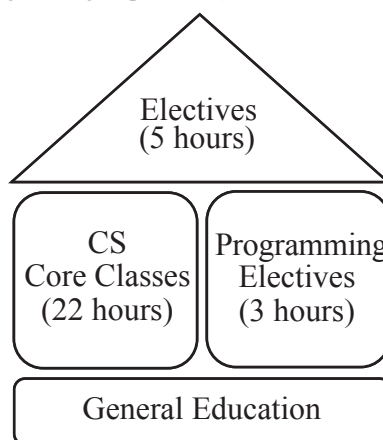
Professor: Duane Jacobs
Associate Professor: Robert Baird, G. Jimmy Chen
Assistant Professors: Dennis Coates, Sharon DeReamer
Instructors: David Moss

THE PROGRAM

Following IEEE and ACM Computer Science curriculum guidelines, the CS degree gives students an understanding of pervasive topics such as number theory, machine language, computer hardware, problem solving, data structures, common algorithms, programming, operating systems and discrete structures. Firmly rooted in its mathematical and scientific background, the CS program gives significant flexibility to the individual student, allowing them to cater the program to fit their particular interests in science and math, networking, programming, hardware, databases, or web development. The computer science program fulfills the requirements for an Associate of Science Degree. It is designed to satisfy the General Education requirements for the first two years of a Baccalaureate of Science degree in Computer Science. Possible transfer institutions include the University of Utah, Utah State University, Weber State University, Utah Valley State College, Brigham Young University, and Westminster College. Students who successfully complete the Associate of Science degree in Computer Science will:

1. Understand well-established object-oriented programming principles, such as inheritance, polymorphism, and object design.
2. Be able to program in a contemporary object-oriented programming language.
3. Be exposed to at least one additional programming language.
4. Be familiar with basic Linux/UNIX commands, and understand the role of open source.

Students should visit with the CS academic advisor for specific transfer information as related to 4-year institutions. (Additional SLCC degree option for the University of Utah, see Engineering, Computer Engineering Department.)



PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements for the first semester should plan on extra time to compete the program. A high school curriculum emphasizing mathematics, sciences and communication skills is highly recommended. Those wishing to enter this program should be prepared to take MATH 1210 and CS 1400.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Cooperative education is the College's strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER INFORMATION

Students planning to transfer should visit the Computer Science department web page for the most current articulation information. Listed below are recommended general education and CS elective courses.

UNIVERSITY OF UTAH

Depth option required in Distribution Areas of Fine Arts, Humanities or Social Science. See advisor for further information. BIOL 1010 or 1210, or 1610, MATH 1220 and PHYS 2210/2215.

UTAH STATE UNIVERSITY

MATH 1220, PHYS 2210/2215, and PHYS 2220/2225, COMM 1020, and PHIL 1130.

UTAH VALLEY STATE COLLEGE

COMM 1020, MATH 1220, PHYS 2210/2215 and PHYS 2220/2225.

WEBER STATE UNIVERSITY

COMM course, CS 2320, MATH 1040, CIS 2430 and CIS 2600.

WESTMINSTER COLLEGE

COMM 1020, LANG 1010 and 1020, and MATH 1220.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 66 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Wrtnng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	Am Ntl Govt	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC		1	A	none
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*STUDENT CHOICE (3 CREDITS)

COMM 1010	Intro to Comm	3	A	none
OR				
COMM 1020	Princ of Pb Speaking	3	A	none
OR				
Depth Option				

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

PREREQUISITE COURSE REQUIREMENTS			CR	SEM	PREREQUISITES
*CS	1400	Comp Sci Funda	3	F, Sp	CIS 1020
CS	1410	Obj Oriented Progr	4	A	CS 1050 or CS 1400
CS	2420	Intro Algorithms/Data	4	A	CS 1410
CS	2130	Linux Essentials	2	F, Sp	w/CS 1410
CS	2430	Discrete Structures	3	F, Sp	CS 2420
CS	2450	Software Engineering	3	F, Sp	CS 1410
CS	2810	Compu Architecture	4	F, Sp	CS 1410

PROGRAMMING ELECTIVES

CHOOSE 3 CREDITS FROM THE FOLLOWING:

COURSE				CR	SEM	PREREQUISITES
CS	2510	InterProg DELPHI	3	Sp	CS 2420	
CS	2520	InterProg in VB	3	Sp	CS 2420	
CS	2530	InterProg in C#	3	F	CS 2420	
CS	2540	InterProg in C++	3	F	CS 2420	
CS	2550	Adv Java Prog	3	Sp	CS 2420	
CS	2900	Current Topics	1-4		approval	

COMPUTER SCIENCE ELECTIVES

CHOOSE 5 CREDITS FROM THE FOLLOWING:

EARN 3 CREDITS FROM THE FOLLOWING COURSE					CR	SEM	PREREQUISITES
NETWORKING ELECTIVE							
CS	2210	MCSA/MCSE Mod1	4	A			Computer literacy
CS	2220	MCSA/MCSE Mod2	4	A			CS 2210
CS	2230	MCSA/MCSE Mod3	4	A			CS 2220

CS 2400	Data Com Ntwrk	5	F, Sp	CS 1410
CS 2461	Ntwk Rting/Swchn I	4	A	CIS 1020
CS 2462	Ntwk Swchnng/Rtnng II	4	A	CS 2461

HARDWARE ELECTIVE

CS 1100	Computer Oper	2	A	CIS 1020 or competency
CS 2700	Digital Sys Dsgn	4	Sp	CS 1050, MATH 1050
CS 2705	Comp Design Lab	2	F, Sp	CS 2700, w/CS 2810
CS 2320	Com Maint (A+)	4	A	CIS 1020 or equiv

SOFTWARE ELECTIVE

CS 1050	Engineer Comp	3	A	MATH 1050
CS 2560	Obj Ori Multi Med	2	Sp	ART 2440
CS 2900	Current Topics	1-4		approval

DATABASE ELECTIVE

CIS 2600	Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent approval
CS 2900	Current Topics	1-4		

SCIENCE ELECTIVE

MATH 1040	Statistics	3	A	MATH 1010
*MATH 1220	Calculus II	4	A	MATH 1210, w/PHYS 2210
PHYS 2210	Phys f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215

AND

PHYS 2215	Phys f/Sci&EngI Lb I	1	A	w/PHYS 2210
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CO-OP EDUCATION

CS 2000	CO-OP	1-2	F, Sp	approval
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SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
COMM 1010	3		CS 1410	4	
OR			CS 2130	2	
DEPTH	3		ENGL 2100	3	
CS 1400	3		OR		
ENGL 1010	3		ENGL 2010	3	
MATH 1210	4		DISTRIBUTION	6	
AMERICAN INST	3		TOTAL	15	
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CS 2420	4		CS 2430	3	
CS 2810	4		CS 2450	3	
Pro/CS ELECTIVE	3		HLAC	1	
DISTRIBUTION	6		Prog/CS ELECTIVE	5	
TOTAL	17		DISTRIBUTION	6	
			TOTAL	18	

* **NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE			CR	SEM	PREREQUISITES
*CS	1050	Engineer Comp	3	A	MATH 1050
CS	1100	Computer Oper	2	A	CIS 1020 or competency
CS	1300	Vis Basic Net Prog	2	F, Sp	CIS 1020
*CS	1400	Comp Sci Funda	3	A	CIS 1020
CS	1410	Obj Oriented Progr	4	A	CS 1050 or CS 1400
CS	1500	DELPHI Prog	3	F, Sp	CIS 1020, MATH 1050
CS	1600	StructProg C C++	4	Sp	MATH 1060 or concurrent approval
CS	2000	CO-OP	1-2	F, Sp	approval
CS	2130	Linux Essentials	2	F, Sp	w/CS 1410
CS	2210	MCSA/MCSE Mod1	4	A	Computer literacy
CS	2220	MCSA/MCSE Mod2	4	A	CS 2210
CS	2230	MCSA/MCSE Mod3	4	A	CS 2220
CS	2320	Com Maint (A+)	4	A	CIS 1020 or equiv
CS	2400	Data Com Ntwrk	5	F, Sp	CS 1410

CRIMINAL JUSTICE

CS	2420	Intro Algrthms/Data	4	A	CS 1410
CS	2430	Discrete Struct	3	Sp	CS 2420
CS	2450	Software Enginrng	3	F, Sp	CS 1410
CS	2461	Ntwk Rting/Swchn I	4	A	CIS 1020
CS	2462	Ntwk Swchg/RtngII	4	A	CS 2461
CS	2510	InterProg in DELPHI	3	Sp	CS 2420
CS	2520	InterProg in VB	3	Sp	CS 2420
CS	2530	InterProg in C#	3	Sp	CS 2420
CS	2540	InterProg in C++	3	Sp	CS 2420
CS	2550	Adv Java Prog	3	Sp	CS 2420
CS	2560	Obj Orient Multi Med	2	Sp	ART 2440
CS	2700	Digital Sys Dsgn	4	Sp	CS 1050, MATH 1050
CS	2705	Computer Design Lb	2	F, Sp	CS 2700, w/CS 2810
CS	2810	Compu Architecture	4	F, Sp	CS 1410
CS	2900	Current Topics	1-4		approval

*prerequisite to CS 1410

COMPUTER SUPPORT SPECIALIST (A+ CERTIFICATION)

SEE **SKILLS CENTER**.

COMPUTER LITERACY BASICS

SEE **SKILLS CENTER**.

CONSTRUCTION MANAGEMENT TECHNOLOGY

SEE **UNIVERSITY CENTER**.

CRIMINAL JUSTICE

SEE ALSO **UNIVERSITY CENTER**.

Miller Campus

(801) 957-3930

General Information (801) 957-4073

<http://www.slcc.edu/criminaljustice/>

Academic Advisor (801) 957-4858

Assistant Professor: John Hill

Instructor: John Minichino

THE PROGRAM

The criminal justice program is designed to provide students with a basic liberal education as well as offer students professional education in criminal justice. Students are encouraged to contact academic advising for transfer information.

Two degrees are offered in the program: an associate of science degree for students who plan to transfer to a four-year program and an associate of applied science degree for students who plan to go directly to work. Students should check with an advisor in selection of General Education and elective classes to coordinate with the appropriate career track at the transfer institution.

PREPARATION

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Twenty-four credit hours of vocational-technical credit may be awarded to those individuals who successfully complete POST certified peace officer basic and special functions reserve officer training. Six hours of credit may be awarded to students who complete the emergency medical technician (EMT) or dispatch training courses. POST and EMT are available through the College.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should refer to the semester class schedule for day/evening availability and other modifications to the semester class schedule.

TRANSFER INFORMATION

Westminster requires COMM 1020.

Utah Valley State College requires CJ 1300.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE **CR** **SEM** **PREREQUISITES**

CORE SKILLS

COMPOSITION

ENGL	1010	Intro to Writing	3	A	pre-test
ENGL	2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH	1030	Quant Reas	3	A	MATH 1010
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON	1740	Econ Hist of US	3	A	none
OR					
HIST	1700	Amer Civilization	3	A	none
OR					
POLS	1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____		1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM	1010	Elem of Eff Comm	3	A	none
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COMPUTER LITERACY

DISTRIBUTION AREAS (18 CREDITS)

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Social Science: PSY 1010 recommended for students transferring to Weber State University Psychology minor.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (15 CREDITS)

COURSE	CR	SEM	PREREQUISITES
CJ 1010 Criminal Justice	3	A	none
CJ 1330 Criminal Law	3	A	CJ 1010
CJ 1340 Criminal Invest	3	A	CJ 1010, ENGL 1010, COMM 1010
CJ 1350 Intro to Forensic Sci	3	A	none
CJ 2350 Laws Evidence	3	A	CJ 1330
_____ Electives	15		

ELECTIVES (15 CREDITS)

CJ 1300 Intro to Correcn	3	F	CJ 1010 or approval
CJ 1900 Special Studies	1-24	A	none
CJ 2000 CO-OP	2-4	F, Sp	CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2350
CJ 2020 CJ Supervision	3	F	CJ 1010
CJ 2060 Community Cor	3	F, Sp	CJ 1010
CJ 2110 Intro Security	3	F	CJ 1010
CJ 2130 Intro Comp Sec	3	Sp	CJ 1010
CJ 2260 Cont Prison/Jail	3	F, Sp	CJ 1010

CJ	2330	Juvenile Justice	3	F, Sp	none
CJ	2390	Traffic Law	3	Sp	none
CJ	2410	Intro Victimology	3	F, Sp	CJ 1010
CJ	2420	Homicide Investig	3	F, Sp	none
CJ	2430	Satanism/Cults	3	F, Sp	CJ 1010
CJ	2440	Organized Crime	3	F, Sp	CJ 1010
CJ	2450	Terrorism	3	F, Sp	CJ 1010
CJ	2460	Psych Profiling	3	F, Sp	CJ 1010
CJ	2470	Intro Criminology	3	F, Sp	CJ 1010
CJ	2480	Crime Scene Proc	3	F, Sp	CJ 1010
CJ	2490	Drug Trafficking	3	F, Sp	CJ 1010
CJ	2500	Contemp Violence	3	F, Sp	CJ 1010
CJ	2510	Criminal Behavior	3	F, Sp	CJ 1010
CJ	2520	Victim Issues	3	F, Sp	CJ 1010
CJ	2530	Police Patrol Tech	3	F, Sp	CJ 1010
CJ	2540	Careers in Law Enf	3	F, Sp	CJ 1010
CJ	2920	Special Topics in CJ	1-3	A	none
COMM	1020	Princpls of Pub Spk	3	A	none
COMM	1610	Reporting/Writing	3	F, Sp	ENGL 1010
ENGL	2100	Technical Wrtnng	3	A	ENGL 1010
FIN	1050	Personal Finance	3	A	none
POLS	1110	State/Local Gov	3	Sp	none
SOC	1010	Int to Sociology	3	A	none
SOC	2630	Ethnic Min	2	F, Sp	SOC 1010
SW	2280	Drug/AlcohAbs	2	F, Sp	SW 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CJ	1010	3	CJ	1330	3
COMM	1010	3	CJ	1350	3
ENGL	1010	3	ENGL	2010	3
MATH	1030	3	HLAC		1
AMERICAN INSTI		3	DISTRIBUTION		6
DISTRIBUTION		3	TOTAL		16
TOTAL		18			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CJ	1340	3	DISTRIBUTION		6
CJ	2350	3	ELECTIVES		9
DISTRIBUTION		3	TOTAL		15
ELECTIVES		6			
TOTAL		15			

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN CRIMINAL JUSTICE

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
MATH 1010	Interm Algebra	4	A	MATH 0990
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
HUMAN RELATIONS				
LE 1220	Human Relation	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none

Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE REQUIREMENTS				CR	SEM	PREREQUISITES
CJ	1010	Criminal Justice	3	A		none
CJ	1330	Criminal Law	3	A		CJ 1010
CJ	1340	Criminal Invest	3	A		CJ 1010, ENGL 1010, COMM 1010
CJ	1350	Intro to Forensic Sci	3	A		none
CJ	2350	Laws Evidence	3	A		CJ 1330
		Electives	35			

ELECTIVES (35 CREDITS)

CIS 1020	Comp Essentials	3	A	none
CJ 1300	Intro to Correcns	3	F	CJ 1010 or approval
CJ 1900	Special Studies	1-24	A	none
CJ 2000	CO-OP	2-4	A	CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2350
CJ 2020	CJ Supervision	3	F	CJ 1010
CJ 2060	Community Cor	3	F, Sp	CJ 1010
CJ 2110	Intro Security	3	F	CJ 1010
CJ 2130	Intro Comp Sec	3	Sp	CJ 1010
CJ 2260	Cont Prison/Jail	3	F, Sp	CJ 1010
CJ 2330	Juvenile Justice	3	F, Sp	none
CJ 2390	Traffic Law	3	Sp	none
CJ 2410	Intro Victimology	3	F, Sp	CJ 1010
CJ 2420	Homicide Investig	3	F, Sp	none
CJ 2430	Satanism/Cults	3	F, Sp	CJ 1010
CJ 2440	Organized Crime	3	F, Sp	CJ 1010
CJ 2450	Terrorism	3	F, Sp	CJ 1010
CJ 2460	Psych Profiling	3	F, Sp	CJ 1010
CJ 2470	Intro Criminology	3	F, Sp	CJ 1010
CJ 2480	Crime Scene Proc	3	F, Sp	CJ 1010
CJ 2490	Drug Trafficking	3	F, Sp	CJ 1010
CJ 2500	Contemp Violence	3	F, Sp	CJ 1010
CJ 2510	Criminal Behavior	3	F, Sp	CJ 1010
CJ 2520	Victim Issues	3	F, Sp	CJ 1010
CJ 2530	Police Patrol Tech	3	F, Sp	CJ 1010
CJ 2540	Careers in Law Enf	3	F, Sp	CJ 1010
CJ 2920	Special Topics in CJ	1-3	A	none
COMM 1020	Princpls of Pub Spk	3	A	none
ENGL 2100	Technical Wrtnng	3	A	ENGL 1010
PLS 1190	Constitutional Law	3	TBA	none
POLS 1110	State/Local Gov	3	Sp	none
SOC 1010	Int to Sociology	3	A	none
SOC 2630	Ethnic Min	2	F, Sp	SOC 1010
SW 2280	Drug/AlcohAbs	2	F, Sp	SW 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CJ	1010	3	CJ	1330	3
COMM	1010	3	CJ	1350	3
ENGL	1010	3	DISTRIBUTION		3
LE	1220	3	ELECTIVES		8
MATH	1010	4	TOTAL		17
TOTAL		16			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CJ	1340	3	ELECTIVES		15
CJ	2350	3	DISTRIBUTION		3
ELECTIVES		12	TOTAL		18
TOTAL		18			

CULINARY ARTS APPRENTICESHIP

SEE APPRENTICESHIPS.

CUSTOMER SERVICE RECEPTIONIST

SEE SKILLS CENTER.

DANCE

SEE FINE ARTS.

DENTAL HYGIENE

Estimated cost of books and supplies for program	\$500
Instruments, equipment, uniforms, and safety glasses	\$4,000
Laboratory fee per semester	\$500
Licensing exams	\$1,500

Academic Advisor JC164A - (801) 957-4407

General Information (801) 957-4073

Clinic - 957-2710

<http://www.slcc.edu/dentalhygiene/>

Instructors: Susan Daoud, Marie Frankos, Bobi Merritt, Erik Mutterer,
Summer Schaefermeyer

THE PROGRAM

Dental hygienists are preventive care specialists for the maintenance of good oral health. A dental hygienist serves as a clinician, educator/health promoter, patient advocate, administrator/manager and researcher. Dental hygienists currently are in high demand and may secure employment in a variety of settings, including private practice, hospitals and public health facilities.

The Commission on Dental Accreditation of the American Dental Association provides the accreditation for the associate of applied science degree. It is a specialized accrediting body recognized by the United States Department of Education. Salt Lake Community College is currently accredited.

Second-year students are eligible to take the National Board of Dental Hygiene Examination. Upon graduation, students may take both the state and regional examinations.

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 and PSY 1010 are taught using group and team activities in the learning process to develop students' interactive skills and to build human values and ethics.

ADMISSIONS

Dental Hygiene admission selection criteria have changes pending. Please check for updated information on the website at:
<http://www.slcc.edu/dentalhygiene/>.

PREPARATION NOTE

Students accepted into the dental hygiene program must meet the same health and safety requirements that the participating facilities require of their own employees. The requirements listed below must be completed by the first day of DH 1100.

Health and safety requirements of the program are as follows: CPR certification, American Heart Association, Modular C or American Red Cross Health Care Provider are the only courses accepted. A fee is required.

Required Immunizations

- Tetanus
- MMR (Measles, Mumps, Rubella)
- Negative tuberculosis skin test *
- Hepta-vax (Hepatitis B)--series of 3#

* In the event a student has a positive TB skin test, a negative TB chest X-ray is required.

The series of three Hepta-vax immunizations must be taken as follows:

- Initial injection
- 2nd injection one month after the first
- 3rd injection six months after the first

NOTE: The Hepta-vax immunization series takes 7 months to complete. The series must be completed prior to attending clinic.
NO EXCEPTIONS.

GENERAL COLLEGE ADMISSION

Students seeking admission to the dental hygiene program must first be admitted through the SLCC Enrollment Services as a matriculated student with a major of health sciences by doing the following:

- Submit "Application for Admission as a Matriculated Student."
- Pay general College application fee.
- Complete ACT or CPT (placement test). This test may be waived at the discretion of the Enrollment Services on the basis of previous college course work.

PLACEMENT TESTING

SLCC does not have minimum required test scores for admission. However, the mandatory placement policies of SLCC mathematics and English departments require that students enroll in the math and English classes indicated by their test scores.

DENTAL HYGIENE PROGRAM ADMISSION CRITERIA

In addition to the above requirements, those seeking admission to the dental hygiene program must meet the following admission criteria.

Applicants will be accepted into the program in order of their qualifying date (the date upon which all requirements have been met and all materials submitted to the Health Sciences Admissions Technician.)

- High school graduation or equivalent.
- *BIOL 2320/BIOL 2325 (Human Anatomy lecture and lab), *BIOL 2060/BIOL 2065 (Microbiology lecture and lab), and *BIOL 2420/BIOL 2425 (Human Physiology lecture and lab) with minimum grade of B taken within the past five years.
*These courses have prerequisites. See course descriptions for prerequisite information.
- CHEM 1110/CHEM1115 (Elementary Chemistry lecture and lab) with C+ or better taken within the past five years.
- Math and English qualifications. Copies of qualifying test scores must be submitted with the dental hygiene application.

Math qualifications (one of the following)

- CPT 43 college math score within one year
- ACT 22 math score within one year
- MATH 1010 with C or better

English qualifications (one of the following)

- AP English credit. Must be listed on SLCC transcript
- CLEP English credit. Must be listed on SLCC transcript
- ENGL 1010 - Introduction to Writing, grade C or better

- Separate application to the dental hygiene program, available in Enrollment Services.
- Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed prerequisite course work for application to the program.

Applicants will be notified by mail of their admission status. New students may begin once per year. If necessary a waiting list will be established for future years. The waiting list will include only those applicants who have met all requirements above and are admitted to the program. To maintain a position on the waiting list, BIOL 2320/BIOL 2325 and BIOL 2060/BIOL 2065 must remain current within five years of start date.

To retain a position in the program, students must complete the technical curriculum in the order outlined and receive a C grade or better in each required class.

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with applications are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services.
2. Transfer credits and GPAs are calculated only on completed courses in which grades are received, not on courses-in-progress.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students also must comply with application prerequisites as listed above.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for availability and modifications caused by varying enrollment. Dental hygiene program classes and clinic are held 8-5, Monday through Friday.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN DENTAL HYGIENE

(minimum 90 hours required)

ADMISSION PREREQUISITES (WITH MINIMUM GRADE OF B)

COURSE	CR	SEM	PREREQUISITES
BIOL 2060 Microbiology	4	A	BIOL 1610 (C grade or better), concurrent w/ BIOL 2065 (lab)
BIOL 2065 Microbiology Lab	0	A	BIOL 1610 (C grade or better), concurrent w/ BIOL 2060
BIOL 2320 Human Anatomy	4	A	BIOL 1610 (C grade or better), concurrent w/ BIOL 2325 (lab)
BIOL 2325 Hu Anatomy Lab	0	A	BIOL 1610 (C grade or better), concurrent w/ BIOL 2320
BIOL 2420 Human Physiology	4	A	BIOL 1610 (C grade or better) CHEM 1110, w/BIO 2425 (lab)
BIOL 2425 Hu Physiology Lab	0	A	BIOL 1610 (C grade or better), w/BIOL 2420.

ADMISSION PREREQUISITES (WITH MINIMUM GRADE OF C+)

COURSE	CR	SEM	PREREQUISITES
CHEM 1110 Elementary Chem	4	A	MATH 1010, w/ CHEM 1115
CHEM 1115 Element Chem Lb	1	A	w/ CHEM 1110

ADDITIONAL REQUIRED COURSES (WITH MINIMUM GRADE OF C)

To be completed before starting the Dental Hygiene major course requirements:

COURSE	CR	SEM	PREREQUISITES
SOC 1010 Intro to Sociology	3	A	none
COMM 1010 Intro to Comm	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
HLTH 1020 Fndations of Nutr	3	A	none
MATH 1010 Interm Algebra	4	A	MATH 0990
PSY 1010 Gen Psychology	3	A	none

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
DH 1050 Dental Radiology	2	F	admission
DH 1060 Dental Radiology Lab	1	F	admission
DH 1100 Intro to Dent Hygiene	3	F	admission
DH 1110 Clinic Dent Hygiene	2	F	admission
DH 1140 Dental Materials	1	Sp	admission
DH 1150 Dental Matls Lb	1	Sp	admission
DH 1330 Hd/Nk/Dent Anat	2	F	admission
DH 1340 Hd/Nk/Dnt Ant Lb	1	F	admission
DH 1350 Dnt Embry/Hist	1	F	admission
DH 1400 Dent Hyg Thy II	3	Sp	DH 1100
DH 1410 Clin Dent Hy II	3	Sp	DH 1110
DH 1540 Pharmacology	3	Sp	DH 1100
DH 1620 Prev Dentistry	2	Sp	DH 1100
DH 2050 Gen & Oral Path	3	F	DH 1400, DH 1620
DH 2200 Dent Hyg Thy III	2	F	DH 1400
DH 2210 Clin Dent Hyg III	4	F	DH 1410
DH 2220 Com Dent Health	3	Sp	DH 1620
DH 2340 Local Anesthesia	2	F	DH 1540, w/DH 2341
DH 2341 Local Anesthes Lab	1	F	DH 1540, w/DH 2340
DH 2450 Periodontology I	2	F	DH 1410, DH 1620
DH 2600 Dent Hyg The IV	2	Sp	DH 2200
DH 2610 Clin Dent Hyg IV	5	Sp	DH 2210
DH 2640 Patient/Spec Needs	1	F	DH 2200
DH 2850 Periodontology II	2	Sp	DH 2420
DH 2990 Opt Brd Review	2	Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
DH 1050	2		DH 1140	1	
DH 1060	1		DH 1150	1	
DH 1100	3		DH 1400	3	
DH 1110	2		DH 1410	3	
DH 1330	2		DH 1540	3	
DH 1340	1		DH 1620	2	
DH 1350	1		TOTAL	13	
TOTAL	12				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DH 2050	3		DH 2220	3	
DH 2200	2		DH 2600	2	
DH 2210	4		DH 2610	5	
DH 2340	2		DH 2850	2	
DH 2341	1		DH 2990	2	
DH 2450	2		TOTAL	14	
DH 2640	1				
TOTAL	15				

DEVELOPMENTAL EDUCATION

Professors: John Close, Ray Emett, Celestina Punzalan

Associate Professors: Carla Kulinski, George Ellington, Steffeny Fazzio, Mark Glines, Marianna Hopkins, Dean Huber, Katherine McIntyre, Mary Mellott, Cheryl Shurtleff, Candace Wignall, Jay Woodall

Assistant Professors: Judith Braun, Robyn Cruff, Martha Hess, Rosemary Jamieson, Karen Johnsen, Cristin Longhurst, Laurie Paxton

Instructors: Alena Balmforth, Jolynn Collins, Brent Green, Ana Fillingim, Maria Griffith, Jerry Harwell, Charles Hemming, J. Terry Kidd, Rachel Lawyer, Carol Sieverts, Mildred Sparks, T.C. Stuwe

MISSION AND PHILOSOPHY

In fulfilling the mission of Salt Lake Community College as a comprehensive community college with an "open door" admissions policy, the Developmental Education Department must, as a part of an educational continuum, provide for the needs of two groups of students:

1. Those requiring and/or desiring work in pre-college level competencies, such as reading, writing, math, and English-as-a-second-language; and

- Those requiring and/or desiring to improve their college experience through learning enhancement activities, such as speed reading, reading comprehension, and study skills, as well as personal and career development.

The members of the Developmental Education Department, are committed to helping students succeed in college programs and college-level courses and to helping them prepare for lifelong success.

GOALS

The Developmental Education Department has as its primary goal to ensure every student entering Salt Lake Community College the opportunity to protect and increase personal dignity by gaining:

- Proficiency in basic skills;
- Competencies for academic success;
- Confidence to pursue personal goals; and
- Problem-solving skills associated with learning and personal development.

PREREQUISITES

Some Developmental Education classes may require placement testing or have other prerequisites. It is the student's responsibility to examine each course description for prerequisites. Those prerequisites must be satisfied before the designated class may be taken.

NOTE: Developmental Math and Developmental Writing have mandatory placement policies that require students to enroll in the classes indicated by their placement test scores.

CLASS AVAILABILITY

Most Developmental Education classes are offered at all campuses and sites in fall, spring, and summer, and some courses are offered on-line. The courses and the semesters they are offered are listed below. Students should check the semester class schedule for day/evening/weekend availability and modifications caused by varying enrollment.

DEPARTMENTAL OFFERINGS

DEPARTMENTAL OFFERINGS			CR	SEM	PREREQUISITES
COURSE					
DE	0910	Lang Arts/Deaf	6	F, Sp	none
DE	1070	Begin Keyboarding	3	A	none
LE	1020	Ess of Colg Std	3	A	none
LE	1060	Intrnet Navigatr	1	A	none
					MATH 0950, MATH 0990
LE	1220	Hu Rel Car Dev	3	A	none
LE	1240	Tutor Certificatn	1	A	none
LE	1250	Effec Rev/Edit	2	F, Sp	Students should currently be involved in personal, academic or workplace writing projects.
LE	1260	Efficient Readng	3	A	Minimum score of 71on CPT reading component or pass RDG 0990 with C grade or better.
LE	1310	Mind Mach Con	3	A	none
LE	1350	Values/Slf Img	3	A	none
LE	1360	Open Diverse Doors	3	A	none
LE	1900	Special Studies	1-3	A	none
MATH	0900	Basic Math	3	A	none
MATH	0920	Develop Math	6	A	none
MATH	0950	Pre Algebra Mth	3	A	C or better in MATH 0900 or an appropriate score on the CPT test.
MATH	0990	Elementary Alg	4	A	C grade or better in MATH 0920 or MATH 0950 or an appropriate score on the CPT test.

RDG 0900	Dev Reading	6	A	Appropriate score on CPT reading component.
RDG 0990	Advanced Read	3	A	Minimum score of 55 on CPT reading component or pass RDG 0900 with C grade or better.
WRTG 0900	Basic Compos	5	A	ACT score of 14-15 or CPT score of 40-59 or ESL 1010 and ESL 1020 w/C or better.
WRTG 0990	Col Prep Comp	3	A	ACT score of 16-19 or CPT score of 60-80 or WRTG 0900 w/C or better.

DIESEL SYSTEMS TECHNOLOGY

Estimated cost of tools and supplies per program	\$2,000
Estimated cost of books and computer-assisted instruction (CD) per semester	\$175

Meadowbrook

General Information (801) 957-4074

Academic Advisor CT 186 (801) 957-4550

<http://www.slcc.edu/diesel/>

Assistant Professors: Keith Knavel, Mark Kranendonk

Instructor: Bruce Wayman

THE PROGRAM

Students are taught the general concepts of diesel systems technology. Technicians in this field repair and maintain diesel equipment, such as trucks, buses and construction equipment. This includes bulldozers, earth movers, cranes and other diesel-power equipment.

Diesel technicians use common hand tools like pliers, wrenches and screwdrivers, as well as special tools. They also may use testing equipment like dynamometers-which measure engine power, special fuel injection equipment and electronic-controlled engines.

Most diesel technicians are required to buy their own hand tools. Beginning students accumulate more tools as they gain experience. A prospective diesel technician should be in good physical condition and have above-average mechanical ability and eye-hand coordination.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills, opening doors for upward mobility.

CAREER OPPORTUNITIES

Jobs and employment opportunities are numerous and provide an excellent wage usually with good benefits. Graduates find many opportunities for employment as technicians in companies that maintain and repair both on- and off-highway equipment.

SPECIAL REQUIREMENTS

Students will need basic reading and math skills. Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of the course. Advanced Engine courses require prerequisites.

ELECTIVE OPTIONS

It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving diesel systems technology. With prior approval of a faculty member and/or CO-OP coordinator, students may register for the CO-OP course.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule, as day/evening availability and modifications caused by varying enrollment. Classes are offered as 5-week blocks and enrollment is accepted accordingly. Students must register for lecture and its accompanying lab concurrently.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN DIESEL SYSTEMS TECHNOLOGY

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

IND 1120	Math for Industry	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relation	3	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ENVT 1040	Wrkplace Safety Bas	2	F, Sp
IND 1110	Industrial Elec	2	F, Sp
IND 1140	Princ of Tech	3	F, Sp
WLD 1005	Related Welding	3	A
DST 1040	Sfty/Basic Dsl Theory	1	F
DST 1050	Sfty/Basic Diesel Lab	2	F
DST 1060	Sfty/Basic Eng Perf Th	1	F
DST 1070	Sfty/Basic Eng Perf Lb	2	F
DST 1140	PreventMaintBrakeTh	1	F
DST 1150	PrevenMaintBrakeLab	2	F
DST 1160	Prevent Maint ElectTh	1	Sp
DST 1170	PreventMaintElectLab	2	Sp
DST 1240	Drvtrains/FluidDrvsTh	1	Sp
DST 1250	Drvtrains/FluidDrvsLb	2	Sp
DST 1260	Drvtrains/GearDrvsTh	1	Sp
DST 1270	Drvtrains/GearDrvsLb	2	Sp
DST 2040	AdvEng&ElectronTh	1	F
DST 2050	Adv Eng & Electron Lb	2	F
DST 2060	Adv Engine Perform Th	1	Sp

None
IND 1120
IND 1120
None
w/DST 1050
w/DST 1040
w/DST 1070
w/DST 1060
w/DST 1140
w/DST 1170
w/DST 1160
w/DST 1250
w/DST 1240
w/DST 1270
w/DST 1260
DST 1040, DST 1050,
DST 1060, DST 1070,
concurrent
w/DST 2050
DST 1040, DST 1050,
DST 1060, DST 1070,
concurrent
w/DST 2040
DST 1040, DST 1050,
DST 1060, DST 1070,
DST 2040, DST 2050,
concurrent
w/DST 2070

DST 2070	Adv. Engine Perform Lb	2	Sp	DST 1040, DST 1050, DST 1060, DST 1070, DST 2040, DST 2050, concurrent w/DST 2060
DST 2140	Hydraulics Controls Th	1	Sp	w/DST 2150
DST 2150	HydraulicsControlsLab	2	Sp	w/DST 2140
DST 2160	Hydraulic FunctionsTh	1	Sp	w/DST 2170
DST 2170	Hydraulic Functions Lb	2	Sp	w/DST 2160
DST 2240	Electrical Circuits Th	1	F	w/DST 2250
DST 2250	Electrical Circuits Lab	2	F	w/DST 2240
DST 2260	Electrical Lighting Th	1	F	w/DST 2270
DST 2270	Electrical LightingLb	2	F	w/DST 2260

ELECTIVE

COURSE	CR	SEM	PREREQUISITES	
DST 1020	Lt. Duty Diesel Mntc	3	A	None

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
DST	1040	1	DST	1160	1
DST	1050	2	DST	1170	2
DST	1060	1	DST	1240	1
DST	1070	2	DST	1250	2
DST	1140	1	DST	1260	1
DST	1150	2	DST	1270	2
ENGL	1010	3	COMM	1010	3
IND	1120	3	IND	1110	2
TOTAL		15	DISTRIBUTION		3
			TOTAL		17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DST	2040	1	DST	2060	1
DST	2050	2	DST	2070	2
DST	2240	1	DST	2140	1
DST	2250	2	DST	2150	2
DST	2260	1	DST	2160	1
DST	2270	2	DST	2170	2
WLD	1005	3	ENVT	1040	2
LE	1220	3	IND	1140	2
TOTAL		15	DISTRIBUTION		3
			TOTAL		16

DIPLOMA/DIESEL SYSTEMS^{CTE} TECHNOLOGY

(minimum 61 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm	3	A
ENGL 1010	Intro to Writing	3	A
ENVT 1040	Wrkplace Safety Bas	2	F, Sp
IND 1110	Industrial Elec	2	F, Sp
IND 1120	Mth for Industry	3	F, Sp
IND 1140	Princ of Tech	3	F, Sp
LE 1220	Human Relations	3	A
WLD 1005	Related Welding	3	A
	Gen Ed Distribution	3	A
DST 1040	Sfty/Basic Dsl Theory	1	F
DST 1050	Sfty/Basic Diesel Lab	2	F
DST 1060	Sfty/Basic Eng Perf Th	1	F
DST 1070	Sfty/Basic Eng Perf Lb	2	F
DST 1140	PreventMaintBrakeTh	1	F
DST 1150	PrevenMaintBrakeLab	2	F
DST 1160	Prevent Maint ElectTh	1	Sp
DST 1170	PreventMaintElectLab	2	Sp
DST 1240	Drvtrains/FluidDrvsTh	1	Sp
DST 1250	Drvtrains/FluidDrvsLb	2	Sp
DST 1260	Drvtrains/GearDrvsTh	1	Sp
DST 1270	Drvtrains/GearDrvsLb	2	Sp
DST 2040	AdvEng&ElectronTh	1	F
DST 2050	Adv Eng & Electron Lb	2	F
DST 2060	Adv Engine Perform Th	1	Sp

None
Pre-test
None
IND 1120
None
IND 1120
None
None
None
w/DST 1050
w/DST 1040
w/DST 1070
w/DST 1060
w/DST 1150
w/DST 1140
w/DST 1170
w/DST 1160
w/DST 1250
w/DST 1240
w/DST 1270
w/DST 1260
DST 1040, DST 1050,
DST 1060, DST 1070,
concurrent
w/DST 2050
DST 1040, DST 1050,
DST 1060, DST 1070,
concurrent
w/DST 2040
DST 1040, DST 1050,

DST	2070	Adv Engine Perform Lb	2	Sp	DST 1060, DST 1070, DST 2040, DST 2050, concurrent w/DST 2070
DST	2140	Hydraulics Controls Th	1	Sp	DST 1040, DST 1050, DST 1060, DST 1070, DST 2040, DST 2050, concurrent w/DST 2060
DST	2150	HydraulicsControlsLab	2	Sp	w/DST 2150
DST	2160	Hydraulic FunctionsTh	1	Sp	w/DST 2140
DST	2170	Hydraulic Functions Lb	2	Sp	w/DST 2170
DST	2240	Electrical Circuits Th	1	F	w/DST 2160
DST	2250	Electrical Circuits Lab	2	F	w/DST 2250
DST	2260	Electrical Lighting Th	1	F	w/DST 2240
DST	2270	Electrical LightingLb	2	F	w/DST 2270
					w/DST 2260

ELECTIVE COURSE

COURSE			CR	SEM	PREREQUISITES
DST	1020	Lt. Duty Diesl Mntc	3	A	None

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
DST	1040	1	DST	1160	1
DST	1050	2	DST	1170	2
DST	1060	1	DST	1240	1
DST	1070	2	DST	1250	2
DST	1140	1	DST	1260	1
DST	1150	2	DST	1270	2
ENGL	1010	3	COMM	1010	3
IND	1120	3	IND	1110	2
TOTAL		15	DISTRIBUTION		3
			TOTAL		17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DST	2040	1	DST	2060	1
DST	2050	2	DST	2070	2
DST	2240	1	DST	2140	1
DST	2250	2	DST	2150	2
DST	2260	1	DST	2160	1
DST	2270	2	DST	2170	2
WLD	1005	3	ENVT	1040	2
LE	1220	3	IND	1140	2
TOTAL		15	TOTAL		13

DIESEL SYSTEMS TECHNOLOGY
SEE **SKILLS CENTER.****DIESEL SYSTEMS TECHNOLOGY APPRENTICESHIP**
SEE **APPRENTICESHIPS.****DIGITAL COMMUNICATIONS**
SEE **UNIVERSITY CENTER.****EARLY CHILDHOOD EDUCATION**
SEE **FAMILY AND HUMAN STUDIES AND PRE-TEACHER EDUCATION.**

ECONOMICS

Business Building 105 (801) 957- 4325
General Information (801) 957-4073
Academic Advisor BB 132A (801) 957-4323
Advising Appointments (801) 957-4300
<http://www.slcc.edu/economics/>

FINANCE AND ECONOMICS

Professors: Joseph R. Howell, K.T. Magnusson, Terry Stokes
Associate Professors: Robert Nigohosian, Dennis Wilson
Assistant Professor: A. Marlon Andrus
Instructor: Joy Holumyong

BUSINESS MANAGEMENT

Professors: Bob Cox, Don Gren, Roger D. Lee
Associate Professors: Karen Gunn, Amar Sahay.
Instructor: Karen Killinger

THE PROGRAM

The study of economics deals with the issue of scarcity. Questions on what to produce, how goods and services will be produced and how produced goods and services are distributed in society, represents the kinds of questions economists deal with on a daily basis. In other words, economics explores how do we use scarce resources to satisfy unlimited wants in society. The study of economics utilizes historical data, theoretical models and empirical evidence to explain the behavior of individuals, firms and nations in producing and consuming goods and services.

Economics allows students to think critically, analyze complex problems and apply solutions to real world problems. Economics provides students the foundation for various academic and professional endeavors. Professionals in management, law, education, government, finance and international affairs use economic analysis. Employers and graduate schools often seek individuals with an understanding of economics.

The Economics program at SLCC is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Accreditation represents the achievement of meeting high national standards established for Associate Degree granting business programs and facilitates transfer of credits to four-year universities and colleges.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. Any class in the preparatory skills may be waived if students can demonstrate equivalent skills.

Students considering an Economics major may want to take ECON 1010 (Economics as a Social Science) as an introduction to the field. ECON 1010 will count toward the Social Science General Education requirement.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. The Department recommends completion of the College Algebra requirement before second year Economic courses are taken.

Students who wish to take the CIS 1020 (Computer Essentials) challenge exam are advised to review the information at <http://www.poseidon.slcc.edu>. An 84% or higher is required on each section of the test. Once the exam is passed a P is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS

Cooperative Education is the college's strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credits

earned from Finance or Management 2000 are applied toward Economics in the 'Other Elective' category. Contact CO-OP Education at (801) 957-4014.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER NOTES

The Economics AS degree is designed for efficient transfer to the University of Utah's Department of Economics and Westminster College Department of Economics.

UNIVERSITY OF UTAH

All courses must be completed with a C- or higher and a minimum GPA of 2.0. The program is intended to give students greater depth in economics by meeting many upper-division Economics prerequisites. This allows students to take more senior level courses. Students will be prepared with the quantitative skills necessary to successfully complete their upper-division economics courses.

WESTMINSTER COLLEGE

Westminster offers an Economics BS and BA degree with different lower division requirements. Both require COMM 1020 Public Speaking and a minimum GPA of 2.3. The BS Economics also requires ACCT 2010 Survey of Financial Accounting and PHIL 1130 Personal Ethics (ID). The Economics BA degree requires three semesters of one foreign language, see Business Advisor.

Economics programs at four-year colleges and universities are housed in social science and business schools with varying requirements. For transfer to Economics at Utah State University, Weber State University, or Southern Utah University, students should take the Business AS or AA degree and see the Business Advisor for efficient transfer planning. Neither Dixie College nor Utah Valley State College offer Economics BS degrees at this time.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63-64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1090 College AlgebraBus	3	A	MATH 1010 w/C or appropriate CPT score
OR			
MATH 1050 College Algebra	4	A	MATH 1010 w/C or appropriate CPT score

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civiliztn	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC ____	1	A	none

STUDENT CHOICE (3 CREDITS)

(WESTMINSTER COLLEGE REQUIRES COMM 1020 PUBLIC SPEAKING)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none

(Westminster College Economics BS degree requires PHIL 1130 Personal Ethics)

Physical Science (PS)	3	A	none
*Social Science (SS)	3	A	none

*Except ECON 1600 if taking ECON 1600 for an elective.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(13 CREDITS REQUIRED)

ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomics	3	A	none
BUS 1100 Calculus for Business	3	A	MATH 1050 or MATH 1090
MGT 2040 Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency

ECONOMICS ELECTIVES (6 CREDIT HOURS REQUIRED)

*ECON 1600 Intro to Econ Syst	3	F, Sp	none
ECON 2100 Labor Economics	3	F, Sp	ECON 2010, ECON 2020
ECON 2200 Money&Banking	3	Sp	ECON 2010, ECON 2020
ECON 2250 Env/Nat Rsrces Econ	3	F, Sp	ECON 2010, ECON 2010
ECON 2400 Internt'l Econ.	3	F	ECON 2010, ECON 2020

*Cannot count as both SS for General Education and for elective.

OTHER ELECTIVES (10 CREDIT HOURS REQUIRED)

Choose any College level course 1000 or above including Economics, Finance, Management and Business courses. (Students transferring to Westminster Economics A.S. degree should take ACCT 2010 Survey of Accounting as one of these electives.)

NOTE: Two of the following SLCC courses may be used toward a business minor at the U of U: ACCT 2010, ACCT 2020, and BUS 1050.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ECON 2010	3		BUS 1100	3	
ENGL 1010	3		ECON 2020	3	
AMERICAN INST	3		DISTRIBUTION	6	
STUDENT CHOICE	3		ELECTIVES	3	
MATH 1050	4		TOTAL	15	
OR					
MATH 1090	3				
TOTAL	15-16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ECON ELECTIVES	3		ECON ELECTIVES	3	
ENGL 2010	3		DISTRIBUTION	6	
MGT 2040	4		HLAC	1	
DISTRIBUTION	6		ELECTIVES	7	
ELECTIVES	3		TOTAL	17	
TOTAL	19				

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

EDUCATION

SEE **FAMILY AND HUMAN STUDIES, PARAEDUCATION, OR PRE-TEACHER EDUCATION.**

ELECTRICAL ENGINEERING

SEE **ENGINEERING.**

ELECTRICAL INDEPENDENT TECHNOLOGY APPRENTICESHIP

SEE **APPRENTICESHIPS.**

ELECTRICAL TECHNOLOGY

SEE **ELECTRICAL AND INSTRUMENTATION TECHNOLOGY, ELECTRICAL TECHNOLOGY EMPHASIS.**

ELECTRICAL AND INSTRUMENTATION TECHNOLOGY

Estimated cost of tools per semester	\$350
Estimated cost of books per semester	\$170

Construction Trades Building, room 222 (801) 957-4066

General Information (801) 957-4074

Academic Advisor CT 186 (801) 957-4550

<http://www.slcc.edu/instrumentation/>

Professor: Paul Lerdahl, Yuri Starik

Associate Professor: Ross McNamara

THE PROGRAM

The electrical trade consists of electrical crafts work, which includes planning of the job, trouble shooting and repair and general construction of all types of jobs in the electrical industry. The program provides a broad foundation in theory and applied technology needed to meet all requirements in today's field of electricity and instrumentation process control. Any course offered in this program can be taken as part of the vocational/technical electives for an Associate of Science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the electrical/instrumentation program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Classes designed to assist students in reaching the skill level necessary to enter or complete the certificate and degree programs are MATH 0950, WRTG 0990, DE 0900 and RDG 0900. Any class in the preparatory skills may be waived if students demonstrate equivalent skills. Students who are entering an electricity program are strongly advised and encouraged to take all of the placement tests (math, reading, English and computer skills) and also to matriculate. Proficiencies in the areas mentioned are either necessary for program entry or as prerequisites to general skills necessary to graduate. Students who take the placement test will be better able to plan and to be advised as to the best course of action as they begin their studies.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Any credit course numbered 1010 and above (except General Education courses) may be substituted for listed elective courses with prior approval of the advisor and/or division chair.

If students are employed in a job involving electricity, it is possible to earn some laboratory credit through cooperative education. With prior approval of a teaching faculty member and the CO-OP coordinator. Students would register for the regular laboratory course.

CLASS AVAILABILITY

The semester in which courses are taught is listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN ELECTRICAL TECHNOLOGY

(minimum 69 hours required)

This degree may qualify students for employment as apprentice construction electricians and installation and maintenance electricians. Instead of working four years as a journeyman, this degree enables the student to work only two years as a journeyman to apply for a master's license. Students need an electricity certificate plus classes listed here.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2100	Technical Wrtng	3	A	ENGL 1010
QUANTITATIVE LITERACY				
ELEC 1110	AppMathI f/Elec	4	F, Sp	MATH 0950
COMMUNICATION				
COMM 1020	Princpls of Pub Spk	3	A	none
HUMAN RELATIONS				
LE 1220	Human Relation	3	A	none
DISTRIBUTION AREAS				
Complete the following distribution (PS) course:				
CHEM 1010	Intro to Chem	3	A	none

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ELEC 1155	DC Basic Elec	3	F, Sp	w/ELEC 1110
ELEC 1160	AC Basic Elec	3	Sp, Su	ELEC 1155
ELEC 1215	Mot/TransfTheory/Lab	3	A	ELEC 1110
ELEC 1235	Mot Cntrl Theory/Lab	4	Sp, Su	ELEC 1150
ELEC 1250	Ind/Hazrd Code	2	A	ELEC 1140
INST 2010	AppPhys f/Elec	3	Su, F	ELEC 1110
INST 2020	Applied MathII f/Elec	4	Sp	ELEC 1110
INST 2030	AppliedMathIII f/Elec	2	F, Sp	ELEC 1110, INST 2020
INST 2120	Intro to Instrum	1	F	INST 2010
INST 2140	ProgrLogicCntrls I	3	F, Su	ELEC 1155
INST 2150	IndustrElectronics	3	F, Sp	ELEC 1160, INST 2020
INST 2160	Cntrl Sys Documenta	1	F, Sp	INST 2120
INST 2210	Pres/Level Measurem	4	F, Sp	INST 2120
INST 2230	Transm/Autom Cntrl	4	F, Sp	INST 2120, INST 2240

INST	2240	Final Contr Elements	2	Su, F	INST 2120
INST	2280	Temp/FlowMeasur	4	F, Sp	INST 2120
INST	2330	ProgrLogicCntrls II	4	F, Sp	INST 2140

ELECTIVE

ELEC	2990	Special Studies	1-3	A	instructor's approval
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SAMPLE SCHEDULE

FALL SEMESTER					SPRING SEMESTER				
COMM	1020	3			ELEC	1160	3		
ELEC	1110	4			ELEC	1215	3		
ELEC	1155	3			ELEC	1235	4		
ENGL	1010	3			CHEM	1010	3		
TOTAL		13			TOTAL		16		
SUMMER TERM									
INST	2010	4							
INST	2020	3							
TOTAL		8							
2ND FALL SEMESTER					2ND SPRING SEMESTER				
INST	2030	2			ELEC	1250	2		
INST	2120	1			INST	2140	3		
INST	2150	3			INST	2160	1		
INST	2210	4			INST	2230	4		
INST	2240	2			INST	2280	4		
TOTAL		12			TOTAL		14		
2ND SUMMER TERM									
ENGL	2100	3							
INST	2330	3							
TOTAL		6							

**ASSOCIATE OF APPLIED SCIENCE^{CTE}
IN INSTRUMENTATION TECHNOLOGY**

(minimum 72 hours required)

PROGRAM

The Associate of Applied Science degree prepares students for employment in installing, maintaining, repairing, calibrating and trouble shooting instrumentation and control systems in such industries as petroleum refining, food processing, chemical manufacturing, power generation and many others.

A combination of theory and hands-on training offers a variety of state-of-the-art process measurement and control instrumentation with actual working processes and computer simulations. The program uses the application of mathematics, physics and industry standards that technicians experience. The laboratory training develops knowledge and skills with electronic circuits, test equipment, instruments, control systems and practical computer applications. This helps the graduates meet the challenge of traditional measurement and control systems and adapt to newly emerging techniques.

Students receive training to take the certification test of the ISA Certified Control System Technician (CCST). The CCST program promotes three levels (I, II and III) of the professional development of the control systems technician, providing recognition and documentation of the technician's knowledge, experience and education in measurement and control.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010	Intro to Writing	3 A	pre-test
ENGL 2100	Technical Wrting	3 A	ENGL 1010
QUANTITATIVE LITERACY			
ELEC 1110	AppMathI f/Elec	4 F, Sp	MATH 0950
COMMUNICATION			
COMM 1020	Prncpls of Pub Spk	3 A	none
HUMAN RELATIONS			
LE 1220	Human Relation	3 A	none

DISTRIBUTION AREAS

Complete the following distribution (PS) course:

CHEM 1010	Intro to Chem	3	A	none
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MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ELEC 1155	DC BasicElec	3 F, Sp	w/ELEC 1110
ELEC 1160	AC BasicElec	3 Sp,Su	ELEC 1155
INST 2010	AppPhys f/Elec	3 Su, F	ELEC 1110
INST 2020	AppliedMathII f/Elec	4 Su, F	ELEC 1110
INST 2030	Applied MathIII f/Elec	2 F, Sp	ELEC 1110, INST 2020
INST 2120	Intro to Instrum	1 F	INST 2010
INST 2140	ProgrLogicCntrls I	3 F, Su	ELEC 1155
INST 2150	IndustrElectronics	3 F, Sp	ELEC 1160, INST 2020
INST 2160	Cntrl Sys Documenta	1 F, Sp	INST 2120
INST 2210	Pres/Level Measur	4 F, Sp	INST 2120
INST 2240	Final Contr Elements	2 Su, F	INST 2120
INST 2230	Transm/Autom Cntrl	4 F, Sp	INST 2120, INST 2240
INST 2250	Alalys/Safety/Tbrlsht	3 F, Sp	INST 2120
INST 2280	Temp/FlowMeasur	4 F, Sp	INST 2120
INST 2320	DistrCntrlSystems	4 Sp, Su	INST 2230
INST 2330	ProgrLogicCntrls II	4 F, Sp	INST 2140
INST 2340	ProgrLogicCntrls III	3 Sp	INST 2330
INST 2290	Instr Applications	2 Su	INST 2230

ELECTIVE

COURSE	CR	SEM	PREREQUISITES
INST 2990	Special Studies	1-3 A	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER					SPRING SEMESTER				
COMM	1020	3			CHEM	1010	3		
ELEC	1110	4			ELEC	1160	3		
ELEC	1155	3			ENG	2100	3		
ENGL	1010	3			LE	1220	3		
TOTAL		13			TOTAL		12		
SUMMER TERM									
INST	2010	4							
INST	2020	3							
INST	2150	3							
TOTAL		10							
2ND FALL SEMESTER					2ND SPRING SEMESTER				
INST	2030	2			INST	2140	3		
INST	2120	1			INST	2160	1		
INST	2210	4			INST	2230	4		
INST	2240	2			INST	2250	3		
INST	2280	4			INST	2330	4		
TOTAL		13			TOTAL		15		
2ND SUMMER TERM									
INST	2290	2							
INST	2320	4							
INST	2340	3							
TOTAL		9							

**CERTIFICATE OF COMPLETION/^{CTE}
ELECTRICAL TECHNOLOGY**

(minimum 36 hours required)

This certificate may qualify students to be a residential electricians or shop electricians. To earn this certificate, students need to take the courses shown below. Students can complete these courses in two semesters during the day or four semesters at night.

After obtaining a certificate in electrical technology, students may go to the State Electrical Board and apply for an apprenticeship license and credit toward either schooling and/or work experience. The State Electrical Board determines credit on an individual basis. According to the Utah Department of Business Regulation, students must have successfully completed a course of study and have received a degree, certificate or diploma to get credit for previous schooling. If students completed a course as outlined above, they

may receive credit for one year of apprenticeship school and nine months work experience. As an alternative, they may qualify for full credit for schooling, but not work experience. Applicants with associate degrees in electricity may qualify for additional credit toward approval to take the master's examination.

The alternative mentioned above can be a great advantage: being one of the few apprentices that can work the higher paying out-of-town jobs without needing the weekly classroom instruction. However, this alternative will require the normal four years of work (8,000 hours) before applying for a journeyman license.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
COMM 1020	Princpls of Pub Spk	3	A	none
ELEC 1110	AppMathI f/Elec	4	F, Sp	MATH 0950
ELEC 1130	Resident Wiring	3	A	w/ELEC 1140
ELEC 1140	Res Com Codes	3	A	RDG 0900
ELEC 1155	DC Basic Electricity	3	F, Sp	w/ELEC 1110
ELEC 1160	AC Basic Electricity	3	F, Sp	w/ELEC 1110
ELEC 1215	Mot/TransfTheory/Lab	3	A	ELEC 1110
ELEC 1235	Mot Cntrl Theory/Lab	4	Sp, Su	ELEC 1150
ELEC 1250	Ind/Hazard Cde	2	A	ELEC 1140
TELE 1110	Telecom Cable	2	A	none
ENGL 1010	Intro to Writing	3	A	pre-test
LE 1220	Human Relation	3	A	none

ELECTIVE

COURSE		CR	SEM	PREREQUISITES
ELEC 2990	Special Studies	1-3	A	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
COMM 1020	3		ELEC 1160	3	
ELEC 1110	4		ELEC 1215	3	
ELEC 1130	3		ELEC 1235	4	
ELEC 1140	3		ELEC 1250	2	
ELEC 1155	3		ENGL 1010	3	
TOTAL	16		LE 1220	3	
			TELE 1110	2	
			TOTAL	20	

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
ELEC 1010	Elec & Mod Lvng	3	A	none
INST 2410	CCST Prep	3	A	pretest

ELECTRONICS ASSEMBLY TECHNICIAN

SEE SKILLS CENTER.

ELECTRONICS AND COMPUTER TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

ELECTRONICS TECHNICIAN

SEE SKILLS CENTER.

ELECTRONICS TECHNOLOGY

Estimated cost of books and supplies per semester	
First Year	\$725
Second Year	\$380

General Information (801) 957-4073

Academic Advisor (801) 957-4858

<http://www.slcc.edu/electronicstechnology/>

Professor: Violetta Tsibranska (Bennett)

Associate Professor: Gilbert Ulibarri

Assistant Professor: William (Skip) Shields

Instructor: Ches Lumpkins

DEGREES

Associate of Science requirements can be completed, as well as an Associate of Applied Science degree in Electronics Technology and three certificates are offered in specialization areas. Students may also provide focus to their degree by selecting desired electives.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a degree. A high school curriculum heavily weighted in mathematics, science and communication skills is highly recommended. Placement testing will be done upon entry to the College unless students have had prior college-level experience. Those wishing to enter this program must score above accepted minimums on the test.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the course may be taken.

GENERAL EDUCATION

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the electronics technology program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the class schedule for day/evening availability and modifications caused by varying enrollments.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 72 credit hours; see department for articulation agreement information)

PROGRAM

The Electronics Technology program fulfilling the AS degree provides a broad and deep study for the wide variety of careers in the electronics sectors, such as; space, defense, governments, consumer, assemblies, components, semiconductors, telecommunications, computers, industrial electronics, consumer electronics, and semiconductors.

The courses are performance based, involving a balance of theory and practical applications, which include circuit construction, calculations, repair, instrumentation, measurements, and troubleshooting.

The Associate of Science requirements fulfilled by courses in Electronics Technology provide the first two years of a bachelor of science degree in electronics engineering technology (BSEET.) These requirements are designed to interface with the BSEET programs at Weber State University, and Southern Utah University.

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS (12-13 CREDITS)

COMPOSITION (6 CREDITS)

ENGL 1010 Intro to Writing 3 A pretest

ENGL 2010 Intermediate Writing 3 A ENGL 1010

OR

ENGL 2100 Technical Writing 3 A ENGL 1010

QUANTITATIVE LITERACY (3-4 CREDITS)

MATH 1050 College Algebra 4 A MATH 1010 or CPT

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ History of US 3 A none

OR

HIST 1700 American Civiliza 3 A none

OR

POLS 1100 Amer. Natl Govt. 3 A none

INSTITUTIONAL REQUIREMENTS (3-7 CREDITS)

LIFELONG WELLNESS

HLAC 1 A none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS (18 CREDITS)

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ELET 1011 DC Electronics	3	A	ELET 1051 or concurrent w/ELET 1051, w/C or better.
ELET 1012 AC Electronics	3	A	MATH 1050 for AS.
ELET 1061 Trig For Electronics	3	A	ELET 1011, ELET 1061 or concurrent w/C or better
ELET 1080 Univ Assem&Repair	2	A	ELET 1051 or MATH 1050 w/C or better
ELET 1100 Linear Circuits	4	A	none
ELET 1120 Circ Sim Analy/Dsgn	2	A	ELET 1011, ELET 1012, ELET 1051, ELET 1061
ELET 1130 Digital Circuits	4	A	ELET 1100
ELET 2080 Surface Mt Tech	2	F, Sp	ELET 1080
ELET 2150 Com Systems	4	F, Sp	ELET 1100, ELET 1130
ELET 2300 Microprocessors	4	A	ELET 1130
ELET 2750 Elec Troublesht	4	F, Sp	ELET 1100
Electives	6-8		

ELECTIVES (6-8 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ELET 2020 Tech Certification	2	F, Sp	ELET 1100, ELET 1130
ELET 2100 Adv Linear Cir	4	F, Sp	ELET 1100
ELET 2150 Com Systems	4	F, Sp	ELET 1100, ELET 1130
ELET 2200 Adv Measure	4	F, Sp	ELET 1100, ELET 1130
ELET 2410 Microwave Com	4	A	ELET 2150
ELET 2450 Laser/Fiber Opt	4	A	none
ELET 2480 FCC License Prep.	4	A	ELET 2150

OPTIONAL ELECTIVES IN SUPPORT OF F.A.A. PROGRAM

COURSE	CR	SEM	PREREQUISITES
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A+ CERTIFICATION:

CS 2320 Com Maint (A+) Cert 4 A CIS 1020 or equiv

OR

TELE 2320 Com Maint (A+) Cert 4 A CIS 1020 or equiv

NET+ CERTIFICATION:

TELE 2400 Intro to Com Ntwkng 4 A Computer Literacy

RECOMMENDED SUPPORT COURSES

(STUDENT SHOULD CHECK WITH TRANSFERRING INSTITUTION)

COURSE	CR	SEM	PREREQUISITES
MATH 1210 Calculus I	4	A	MATH 1060 w/C or better
MATH 1220 Calculus II	4	A	MATH 1210 w/C or better
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215 Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
CHEM 1010 Intro to Chemistry	3	A	none

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
COMPOSITION	6	INST REQS	3-7
MATH 1050	4	ELET 1011	3
AMERICAN INST	3	DISTRIBUTION	9
ELET 1080	2	TOTAL	15-19
TOTAL	15		
THIRD SEMESTER		FOURTH SEMESTER	
DISTRIBUTION	9	ELET 1100	4
ELET 1012	3	ELET 1120	2
ELET 1061	3	ELET 1130	4
ELET 2080	2	TOTAL	10
TOTAL	17		
FIFTH SEMESTER			
ELET 2300	4		
ELET 2750	4		
ELECTIVES	6-8		
TOTAL	14-16		

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education we site: http://www.utahsbr.edu/html/student_info.html.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN ELECTRONICS TECHNOLOGY

(minimum 68 hours required)

The Associate of Applied Science Degree in Electronics Technology provides the student with a solid foundation in the fundamentals of theoretical and applied electronics, designed for students who intend to enter the work force after obtaining the AAS degree. Students will be prepared to operate, install, troubleshoot, repair, maintain and service electronic equipment and systems. It prepares students to assist engineers in many areas of research and development (R&D), space, defense, governments, consumer electronics, assemblies, components, semiconductors, telecommunications, computers, industrial electronics, consumer electronics, and semiconductors.

The Associate of Applied Science degree has a solid core in electronics and advanced second year courses which continue to build upon the fundamentals. The courses are performance based, involving a balance of theory and practical applications.

Student selection of electives can assist in the preparation and certification for specific career fields. Mathematics and physics support and enhance the program.

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
ELET 1051	Algebra f/Electronics	4	A	MATH 1010 w/C or better or CPT score
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
HUMAN RELATIONS				
LE 1220	Human Relations	3	A	none
DISTRIBUTION AREAS				
COMPLETE THE FOLLOWING DISTRIBUTION (PS) COURSE:				
PHYS 1010	Intro to Physics	3	A	none

MAJOR COURSE REQUIREMENTS (44 CREDITS)

COURSE		CR	SEM	PREREQUISITES
ELET 1011	DC Electronics	3	A	ELET 1051 or concurrent w/ELET 1051, w/C or better. MATH 1050 for AS
ELET 1012	AC Electronics	3	A	ELET 1011, ELET 1061 or concurrent w/C or better
ELET 1061	Trig For Electronics	3	A	ELET 1051 or MATH 1050 w/C or better
ELET 1080	Univ Assem&Repair	2	A	none
ELET 1100	Linear Circuits	4	A	ELET 1011, ELET 1012, ELET 1051, ELET 1061
ELET 1120	Circ Sim Anal/Dsgn	2	A	ELET 1100
ELET 1130	Digital Circuits	4	A	ELET 1100
ELET 2010	Adv Circuit Anal	3	F, Sp	ELET 1010, ELET 1100
ELET 2020	Tech Certification	2	F, Sp	ELET 1100, ELET 1130
ELET 2080	Surface Mt Tech	2	A	ELET 1080
ELET 2100	Adv Linear Cir	4	F, Sp	ELET 1100
ELET 2200	Adv Measure	4	F, Sp	ELET 1100, ELET 1130
ELET 2300	Microprocessors	4	A	ELET 1130
ELET 2750	Elec Troublesht	4	F, Sp	ELET 1100

ELECTIVES (8 CREDITS)

COURSE		CR	SEM	PREREQUISITES
ELET 1020	IPCA-610D	2	A	none
ELET 1040	Technical Basic	2	A	ELET 1011, ELET 1012
ELET 2150	Com Systems	4	A	ELET 1100, ELET 1130
ELET 2410	Microwave Com	4	TBA	ELET 2150
ELET 2420	Elect Video Systems	4	A	ELET 2150
ELET 2450	Laser/Fiber Opt	4	TBA	none
ELET 2480	FCC License Prep	4	A	Instructor's approval
TELE 1110	Telecm Cabling	2	A	none

OPTIONAL ELECTIVES IN SUPPORT OF F.A.A. PROGRAM

COURSE		CR	SEM	PREREQUISITES
A+ CERTIFICATION:				
CS 2320	Com Maint (A+) Cert	4	A	CIS 1020 or equiv
OR				
TELE 2320	Com Maint (A+) Cert	4	A	CIS 1020 or equiv
NET+ CERTIFICATION:				
TELE 2400	Intro to Com Ntwkng	4	A	Computer Literacy

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ELET 1011	3		COMM 1010	3	
ELET 1051	4		ELET 1012	3	
ELET 1080	2		ELET 1061	3	
ENGL 1010	3		LE 1220	3	
TOTAL	12		PHYS 1010	3	
			TOTAL	15	
THIRD SEMESTER			FOURTH SEMESTER		
ELET 1100	4		ELET 2010	3	
ELET 1120	2		ELET 2020	2	
ELET 1130	4		ELET 2100	4	
ELET 2080	2		ELET 2200	4	
TOTAL	12		TOTAL	13	
FIFTH SEMESTER					
ELET 2300	4				
ELET 2750	4				
ELECTIVES	8				
TOTAL	16				

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN ELECTRONICS TECHNOLOGY BIOMEDICAL EQUIPMENT TECHNOLOGY EMPHASIS

(minimum 68 hours required)

Estimated cost of books and supplies per semester	
First Year	\$680
Second Year	\$680

PROGRAM DESCRIPTION

The Biomedical Equipment Technician is filling an important role in today's specialized medical industry. You can enter this field after completing a two year program at Salt Lake Community College.

As a biomedical equipment technician you will be skilled in the specialized field of biomedical instrumentation and equipment. You will be able to install, repair, maintain, calibrate and insure safe operation of all biomedical equipment in a health care facility. You will also be able to instruct professional staff members on new technology.

As a student in this highly specialized field, you can learn to inspect, calibrate, maintain, troubleshoot, repair electronic, mechanical and electro-mechanical equipment used in the medical and health care industry. Students gain knowledge and experience working with everything from the simplest suction pump to the most sophisticated laboratory equipment, cardiac monitors, X-ray and ultrasound equipment.

You will learn communication, math, electronic and digital skills, as well as gain an understanding of anatomy, physiology and medical terminology. The program builds from introductory courses to instruction in more complex areas, while allowing you to work in a medical facility with a trained biomedical equipment technician. This is a career with a future the aging population will increase the need for medical care and the demand for these technicians. You may be employed by a manufacturer of biomedical equipment, work in a hospital or other medical facility, or have your own business.

Upon completion of the Biomedical Equipment Technology program, you will receive an Associate of Applied Science degree in Electronics Technology. This will qualify you to take the International Certification Examination from the Association for the Advancement of Medical Instrumentation.

PROGRAM COURSE REQUIREMENTS AND ELECTIVES

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS

COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

ELET 1051	Algebra For Electronics	4	A	MATH 1010
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COMMUNICATION

CTEL 1020	Career Speech Skills	3	A	none
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HUMAN RELATIONS

CTEL 1010	Leadership & Teambuilding	3	A	one
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DISTRIBUTION AREAS

COMPLETE THE FOLLOWING DISTRIBUTION (PS) COURSE

BIOL 1110	Intro to Hmn Anat/Phys	3	A	none
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MAJOR COURSE REQUIREMENTS

(52 CREDITS)

COURSE			CR	SEM	PREREQUISITES
ELET	1011	DC Electronics	3	A	ELET 1051 or concurrent w/ELET 1011. With a grade C or better. MATH 1050 for AS.
ELET	1012	AC Electronics	3	A	ELET 1011, ELET 1061 or concurrent w/ELET 1012. With a grade C or better.
ELET	1061	Trig For Electronics	3	A	ELET 1051 or MATH 1050. With a grade C or better.
ELET	1080	Univ Assmby & Repair	2	A	none
ELET	1100	Linear Circuits	4	A	ELET 1011, ELET 1051, ELET 1012, ELET-1061
ELET	1130	Digital Circuits	4	A	ELET 1100
ELET	2080	Surface Mt Tech	2	A	ELET 1080
ELET	2300	Microprocessors	4	A	ELET 1130
ELET	2200	Adv Measure	4	F, Sp	ELET 1100, ELET 1130
ELET	2150	Com Systems	4	A	ELET 1100, ELET 1130
ELET	2750	Elec Troublesht	4	F, Sp	ELET 1100
ELET	2020	Tech Certification	2	F, Sp	ELET 1100, ELET 1130
ELET	2600	Biomed Instrumentatn I	4	A	ELET-2020, BIOL-1110
ELET	2610	Biomed Instrumentatn II	1	A	ELET-2600
ELET	2615	BMI Fieldwork Exper	4	A	ELET-2610
TELE	2320	Comp Maint (A+) Cert	4		CIS 1010 or equivalent.

ADDITIONAL RECOMMENDED COURSES

ADDITIONAL RECOMMENDED COURSES			CR	SEM	PREREQUISITES
ELET	2450	Laser/Fiber Opt	4		
TELE	1110	Telecom Cabling	2	A	none
ELET	2080	Surface Mt Tech	2	A	ELET 1080
TELE	2400	Intro to Comp Ntwrking	4		Computer Literacy

SAMPLE SCHEDULE

FIRST SEMESTER

ELET 1011	3
ELET 1051	4
ELET 1080	2
ENGL 1010	3
TOTAL	12

SECOND SEMESTER

CTEL 1020	3
ELET 1012	3
ELET 1061	3
ELET 2080	2
BIOL 1110	3
TOTAL	14

THIRD SEMESTER

CTEL 1010	3
ELET 1100	4
ELET 1130	4
ELET 2300	4
TOTAL	15

FOURTH SEMESTER

ELET 2020	2
ELET 2200	4
ELET 2600	4
ELET 2750	4
TOTAL	14

FIFTH SEMESTER

ELET 2150	4
ELET 2610	4
TELE 2320	4
TOTAL	16

CERTIFICATES^{CTE}

The following departmental certificates are available from the Electronics Department.

ELECTRONICS TECHNOLOGY TECHNICIAN

(minimum 29 hours required)

MAJOR COURSE REQUIREMENTS

COURSE REQUIREMENTS				CR	SEM	PREREQUISITES
ELET	1011	DC Electronics		3	A	ELET 1051 or with ELET 1051 with C or better. MATH 1050 for AS.
ELET	1012	AC Electronics		3	A	ELET 1061 or with ELET 1061 with C or better
ELET	1051	Algebra f/Electronics		3	A	MATH 1010
ELET	1061	Trig for Electronics		3	A	ELET 1051 or MATH 1050 with C or better
ELET	1080	UnvrsAssem&Repair		2	A	none
ELET	1100	Linear Cir		4	A	ELET 1010, ELET 1050
ELET	1120	Circ Sim Analy/Dsgn		2	A	ELET 1100
ELET	1130	Digital Circuits		4	A	ELET 1010, ELET 1050
ELET	2020	Technician Certifi		2	F, Sp	ELET 1100, ELET 1130
ELET	2080	Surf Mt Tech		2	A	ELET 1080

CONSUMER ELECTRONICS

(minimum 27 hours required)

MAJOR COURSE REQUIREMENTS

COURSE REQUIREMENTS				CR	SEM	PREREQUISITES
COURSE						
ELET	1011	DC Electronics		3	A	ELET 1051 or with ELET 1051 with C or better. MATH 1050 for AS.
ELET	1012	AC Electronics		3	A	ELET 1061 or with ELET 1061 with C or better
ELET	1051	Algebra f/Electronics		4	A	MATH 1010 w/C or better or CPT score
ELET	1061	Trig for Electronics		3	A	ELET 1051 or MATH 1050 with C or better
ELET	1080	UnvrsAssem&Repair		2	A	none
ELET	1100	Linear Cir		4	A	ELET 1010, ELET 1050
ELET	1130	Digital Circuits		4	A	ELET 1010, ELET 1050
ELET	2420	Elect Vid Systems I		4	A	ELET 2150

ELECTRONIC ASSEMBLY

(minimum 16 hours required)

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
ELET 1011	DC Electronics		3	A	ELET 1051 or with ELET 1051 with C or better.
ELET 1012	AC Electronics		3	A	MATH 1050 for AS.
ELET 1051	Algebra f/Electronics		3	A	ELET 1061 or with ELET 1061 with C or better
ELET 1061	Trig for Electronics		3	A	MATH 1010
ELET 1080	UnvrsAssem&Repair		2	A	ELET 1051 or MATH 1050 with C or better
ELET 2080	Surf Mt Tech		2	A	none
					ELET 1080

EMT (EMERGENCY MEDICAL TECHNICIAN TRAINING)
SEE CONTINUING EDUCATION.**ENGINEERING**

Estimated cost of books and supplies per semester \$300-350

Science and Industry Building 205 (801) 957-4826
 General Information (801) 957-4073
 Academic Advisor (801) 957-4858
 Coordinator, Dr. Nick Safai: (801) 957-4785
<http://www.slcc.edu/engineering/>

Professors: Hassan Mohsenian, Holly Moore, Nick Safai
 Associate Professor: Francis Afghan, Lee Brinton
 Assistant Professor: Sara Farida
 Instructors: Vinayak Kamdar

THE PROGRAM

Chemical engineering emphasizes physical, life and engineering sciences to convert raw materials into necessary materials and energy systems. Civil/Environmental engineering encompasses a wide range of engineering projects dealing with buildings, bridges, dams, highways, transportation systems, water supply systems, fluid flow, water reclamation and geotechnical problems. Computer science focuses on design and use of computers to solve and analyze math and physics problems. Electrical engineering is a branch of applied physics, which uses mathematical concepts to analyze and design electrical devices and systems. Materials science engineering involves chemistry and physics to develop scientific and engineering aspects of materials. Mechanical engineering also uses math and physics to analyze and design mechanical devices and machine systems. Manufacturing engineering focuses on methods and processes of manufacturing.

ASSOCIATE OF PRE-ENGINEERING DEGREE

The associate of pre-engineering degree is offered in each of the seven engineering disciplines. It is a transfer degree similar to the associate of science degree, but has reduced General Education requirements. Current accreditation board of engineering and technology (ABET) standards require upper-division General Education courses. The engineering students who complete this degree may apply for advanced-placement at an engineering school, but must complete General Education requirements at the senior institution.

PREPARATION NOTE

Each program requires as a prerequisite a science-oriented high school curriculum which includes as much mathematics, chemistry, physics and English as possible. Students who do not qualify to enter MATH 1210, CHEM 1210 and ENGL 1010 should take prerequisite courses before entering the first semester of their

program. Students who need to take preparatory courses to meet the requirements of first semester courses should plan on extra time to complete the program. Students interested in engineering may want to take ENGR 1000 and ENGR 1020 which provides an introduction to engineering as a profession. The courses cover the use of the HP 48 calculator, MATLAB software and spreadsheets using engineering applications. Consult with the academic advisor concerning these courses.

It is the student's responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE***CHEMICAL ENGINEERING**

(minimum 70 hours required)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Fine Arts	3	A	none
Humanities	3	A	none
Social Science	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
CEEN 2010	Statics		3	F, Sp	MATH 1210, PHYS 2210
CEEN 2140	Strength of Mat		2	F, Sp	CEEN 2010, w/MATH 2250, w/CEEN 2145
*CEEN 2145	Strgth of Mat Lab		1	F, Sp	w/CEEN 2140
CEEN 2450	Num Tech		2	Sp	CS 1050, MATH 2250
CHE 2800	Fund of Pro Eng		3	Sp	CHE 2300
CHE 2300	Eng Thrmdynmc		2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
CHEM 1210	GeneralChemistry I		4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I		1	F, Sp	CHEM 1210

CHEM 1220	GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1225	Gen Chem II Lab	1	Sp, Su	w/CHEM 1220
CHEM 2310	Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2315	Org Chem Lab I	1	F, Sp	w/CHEM 2310
CS 1050	Engineer Comp	3	F, Sp	MATH 1050
ENGR 1000	Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
AND				
ENGR 1020	Intro to Engr Lab	1	F, Sp	w/ENGR 1000
MATH 1220	Calculus II	4	A	MATH 1210
*MATH2210	MultivariateCalculus	3	A	MATH 1220
MATH 2250	Diff EquaLin Alg	3	A	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215	Physicstf/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210
PHYS 2225	Physicstf/Sci&Eng LII	1	A	w/PHYS 2220

*Recommended but not required at the University of Utah

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

COURSE		CR	SEM	PREREQUISITES
CHE 2000	CO-OP Education	1-2	A	2nd year w/instructor's approval
CHEM 2320	Org Chem II	4	A	CHEM 2310 w/C or better, w/CHEM 2325
CHEM 2325	Org Chem Lab II	1	A	CHEM 2310 w/C or better, w/CHEM 2320

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			CHEM 1220	4		
CHEM 1215	1			CHEM 1225	1		
CS 1050	3			ENGL 2010	3		
OR				OR			
ENGR 1000	2			ENGL 2100	3		
AND				MATH 1220	4		
ENGR 1020	1			PHYS 2210	4		
ENGL 1010	3			PHYS 2215	1		
MATH 1210	4			TOTAL	17		
DISTRIBUTION	3						
TOTAL	18						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 2010	3			CEEN 2450	2		
CHE 2300	2			CEEN 2140	2		
CHEM 2310	4			CEEN 2145	1		
CHEM 2315	1			CHE 2800	3		
MATH 2250	3			MATH 2210	3		
PHYS 2220	4			DISTRIBUTION	3		
PHYS 2225	1			AMERICAN INST	3		
TOTAL	18			TOTAL	17		

***NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

CIVIL/ENVIRONMENTAL ENGINEERING

(minimum 73.5 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete

additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ARCH 1310	Intro to AutoCAD	3	F	comp literacy or instructor approval
CEEN 1100	Civil Engr Design	3	F	MATH 1010
CEEN 2010	Statics	3	A	MATH 1210, PHYS 2210
CEEN 2020	Dynamics I	2	F, Sp	CEEN 2010, MATH1220
CEEN 2240	Surveying	3	Sp	MATH 1060
CEEN 2130	Engr Economics	4	F	MATH 1050
CEEN 2140	Strength of Mat I	2	F, Sp	CEEN 2010, w/MATH 2250, w/CEEN 2145
CEEN 2145	Strgth of Mat Lab	1	F, Sp	w/CEEN 2140
CEEN 2410	Struc Theory I	3	Sp	CEEN 2140
CEEN 2300	Eng Thermdyn	2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
CHEM 1210	GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	F, Sp	CHEM 1210
CHEM 1220	GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
AND				
CHEM 1225	Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
OR				
*PHYS 2220	Phys for Sci & Eng II	4	A	PHYS 2210, w/PHYS 2225
AND				
PHYS 2225	Phys f/Sci&Eng Lb II	1	A	w/ PHYS 2220
CS 1050	Engr Computing	3	F, Sp	MATH 1050
OR				
ENGR 1000	Engr Prob Solving	2	F, Sp	MATH 1060, w/ENGR 1020
AND				
ENGR 1020	Intro to Engr Lab I	1	F, Sp	w/ENGR 1000
EE 2200	Elect Eng for CivEng	1.5	Sp	PHYS 2210, w/MATH 2250
OR				
MSE 2170	Mat Sci for Civil Eng	1.5	F, Sp	CHEM 1210
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equa LinAlg	3	A	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210

*Students planning an emphasis in structural engineering are encouraged to complete the second physics course. Students planning for environmental engineering are encouraged to complete the second chemistry course.

ELECTIVES (OPTIONAL)**MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.**

CEEN 2000	CO-OP Education	1-2	A	2nd year, instructor's approval
CEEN 2320	Strgth of Mat II	2	Sp	CEEN 2140, w/CEEN 2230, MATH 2210
CEEN 2450	Numerical Tech	2	Sp	CS 1050, MATH 2250
MEEN 1050	Des/Vis Com	2	F	Drafting experience or education

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			CEEN 2010	3		
CHEM 1215	1			CHEM 1220	4		
ENGL 1010	3			AND			
MATH 1210	4			CHEM 1225	1		
PHYS 2210	4			OR			
DISTRIBUTION	3			PHYS 2220	4		
TOTAL	19			AND			
				PHYS 2225	1		
				CS 1050	3		
				OR			
				ENGR 1000	2		
				AND			
				ENGR 1020	1		
				ENGL 2010	3		
				OR			
				ENGL 2100	3		
				MATH 1220	4		
				TOTAL	18		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 1100	3			ARCH 1310	3		
CEEN 2140	2			CEEN 2240	3		
CEEN 2145	1			CEEN 2130	4		
CEEN 2020	2			CEEN 2410	3		
EE 2200	1.5			CHE 2300	2		
OR				MATH 2210	3		
MSE 2170	1.5			TOTAL	18		
MATH 2250	3						
AMERICAN INST	3						
DISTRIBUTION	3						
TOTAL	18.5						

*** NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

COMPUTER ENGINEERING

(minimum 67.5 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

TRANSFER NOTE

The U of U offers two different major options:

COMPUTER SCIENCE
COMPUTER ENGINEERING

Students should see an advisor to adjust SLCC program requirements according to the major option they are pursuing. Transfer students should also obtain advising regarding General Education requirements specific to Engineering majors at the U of U. Engineering majors are required to take two General Education courses that form an approved sequence pair;

these may be completed at SLCC. In addition, Computer Engineering and Electrical Engineering majors must complete an Ethics course. PHIL 1120 at SLCC will satisfy the ethics requirement.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
HIST 1700	Amer Civilization	3	A	none
POLS 1100	US Gov & Politics	3	A	none

DISTRIBUTION AREAS

Choose an additional nine credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CHEM 1210	General Chem I	4	F, Sp	MATH 1050
CS 1050	Engineer Comp	3	F, Sp	MATH 1050
ENGR 1000	Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
ENGR 1020	Intro to Engr Lab	1	F, Sp	w/ENGR 1000
CS 1410	Obj Oriented Progr	4	A	CS 1050 or CS 1400
CS 2430	DiscreteStruct	3	Sp	CS 2420
CS 2420	Intro Algorithms/Data	4	A	CS 1410
CS 2700	Digital Sys Dsgn	4	Sp	CS 1050, MATH 1050
CS 2810	Compu Architecture	4	F, Sp	CS 1410
EE 1020	Elect Eng Prob	1	F, Sp	none
EE 1030	UNIX f/EE Students	.5	F, Sp	none
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Dif Equa Lin Alg	3	A	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210

ELECTIVES (OPTIONAL)**MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.**

CS 1500	Delphi Progrm	3	F, Sp	CS 1020 and MATH 1050
CS 1510	Adv Delphi Prg	3	Sp	CS 1500
CS 2000	Co-op Education	1	F, Sp	Instructor's approval
CS 2130	LINUX Essentials	2	F, Sp	CS 1410 or concurrent
CS 2705	Computer Design Lab	2	F, Sp	CS 2700, w/CS 2810
CS 2900	Current Topics/CS	1	TBA	Instructor's approval
EE 1010	IntrLbInstr/Mthds	1	F, Sp	none
EE 1270	ElecCrcts/CmpEng	4	F, Sp	MATH 1210, MATH 1220, PHYS 2210, EE 1020
EE 2270	Fund of Elec Cir	4	F, Sp	EE 1010, EE 1270, PHYS 2220
EE 2280	Engineer Elec	4	F, Sp	EE 1270, MATH 2250, PHYS 2220

NOTE: Students planning to major in computer engineering should also take CS 2705, EE 1270, EE 2270 and EE 2280 which articulate to the University of Utah computer engineering program.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CS	1050	3		CS	1410	4	
	OR			EE	1020	1	
ENGR	1000	2		EE	1030	.5	
	AND			ENGL	2010	3	
ENGR	1020	1			OR		
ENGL	1010	3		ENGL	2100	3	
MATH	1210	4		MATH	1220	4	
PHYS	2210	4		PHYS	2220	4	
AMERICAN INST		3		TOTAL		15.5	
TOTAL		17					
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CS	2420	4		CS	2430	3	
CS	2700	4		CS	2810	4	
CHEM	1210	4		MATH	2250	3	
MATH	2210	3		DISTRIBUTION		6	
DISTRIBUTION		3		TOTAL		16	
TOTAL		18					

*** NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

ELECTRICAL ENGINEERING

(minimum 70.5 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

TRANSFER NOTE

Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U. Engineering majors are required to complete two General Education courses that form an approved sequence or pair; these may be completed at SLCC. In addition, Computer Engineering and Electrical Engineering majors must complete an Ethics Course. PHIL 1130 at SLCC will satisfy the ethics requirement.

CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing 3 A pre-test

ENGL 2010 Interm Writing 3 A ENGL 1010

OR

ENGL 2100 Technical Wrtnng 3 A ENGL 1010

QUANTITATIVE LITERACY

MATH 1210 Calculus I 4 A MATH 1060

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US 3 A none

OR

HIST 1700 Amer Civilization 3 A none

OR

POLS 1100 US Govt & Politics 3 A none

DISTRIBUTION AREAS

Choose an additional nine credit hours from three of the following distribution areas:

Fine Arts (FA) 3 A none

Humanities (HU) 3 A none

Social Science (SS) 3 A none

See pp. 25-27 for options in each of these categories.

NOTE: Electrical Engineering at the U of U requires an Ethics course which may be satisfied by taking PHIL 1130 from the Interdisciplinary area at SLCC.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
*CHE 2300	EnginThermodyn	2	F, Sp	CHEM 1210, MATH 1220 and PHYS 2210
CHEM 1210	General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CS 1600	Struct Progrmg C C++	4	Sp	MATH 1060 or concurrent
EE 1010	Lab Inst & Meth	1	F, Sp	none
EE 1020	Elect Eng Prob	1	F, Sp	none
EE 1030	UNIX f/EE Students	1	F, Sp	none
EE 1270	Intro to Elect Circts	4	F, Sp	MATH1210, w/MATH 1220, PHYS 2210 and EE 1020
EE 2270	Fund of Elec Cir	4	F, Sp	EE 1010, EE 1270, PHYS 2220
EE 2280	Fnds of Engr Elect	4	F, Sp	EE 1270, MATH 2250, PHYS 2220
EE 2700	Fund of Dig Sys	4	Sp	CS 1600, PHYS 2220
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equ/Lin Alg	3	A	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210
**PHYS2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210

*Students may elect to complete this course during their junior year if they plan to attend the University of Utah.

**Not required at University of Utah.

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

CS 1410	Obj Oriented Progr	4	A	CS 1050 or CS 1400
CS 2420	Intro Algorithms/Data	4	A	CS 1410
EE 2000	CO-OP Education	1-2	A	2nd year w/approval
EE 2020	PSpice & Elec Wrkb	1	F, Sp	EE 1270, w/EE2270, and EE 2280

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM	1210	4		CS	1600	4	
CHEM	1215	1		EE	1020	1	
EE	1030	.5		ENGL	2010	3	
ENGL	1010	3			OR		
MATH	1210	4		ENGL	2100	3	
AMERICAN INST		3		MATH	1220	4	
TOTAL		15.5		PHYS	2210	4	
				PHYS	2215	1	
				TOTAL		17	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CHE	2300	2		EE	2270	4	
EE	1010	1		EE	2280	4	
EE	1270	4		EE	2700	4	
MATH	2250	3		MATH	2210	3	
PHYS	2220	4		DISTRIBUTION		3	
DISTRIBUTION		6		TOTAL		18	
TOTAL		20					

*** NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

MANUFACTURING ENGINEERING

(minimum 67 hours required)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution.

TRANSFER NOTE

Students transferring to Weber State University or Brigham Young University should refer to the Manufacturing Engineering Technology AS degree and consult the receiving institution for appropriate course transfer information for both General Education and program requirements.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

DISTRIBUTION AREAS

Choose an additional nine credit hours from three of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CEEN 2010	Statics	3	F, Sp	MATH 1210, PHYS 2210
CEEN 2450	Num Tech	2	Sp	CS 1050, MATH 2250
CHEM 1210	GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1220	GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1215	Gen Chem Lab I	1	F, Sp	CHEM 1210
CHEM 1225	Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CS 1050	Engineer Comp	3	F, Sp	MATH 1050
CS 1500	Delphi Prog	3	F, Sp	CIS 1020, MATH 1050
CS 1410	Intro Comp Sci I	4	A	CS 1050 or CS 1400
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equ Alg	3	A	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2225	Physicsf/Sci&Eng LII	1	A	w/PHYS 2220

ELECTIVE (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

MEEN 2000	CO-OP Education	1-2	A	2nd year w/instructor's approval
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SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			CHEM 1220	4		
CHEM 1215	1			CHEM 1225	1		
CS 1500	3			CS 1050	3		
MATH 1210	4			MATH 1220	4		
PHYS 2210	4			PHYS 2220	4		
PHYS 2215	1			PHYS 2225	1		
TOTAL	17			TOTAL	17		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 2010	3			CEEN 2450	2		
CS 1410	4			MATH 2250	3		
ENGL 1010	3			ENGL 2010	3		
MATH 2210	3			OR			
DISTRIBUTION	3			ENGL 2100	3		
TOTAL	16			DISTRIBUTION	6		
				TOTAL	17		

* **NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

MATERIALS SCIENCE ENGINEERING

(minimum 73 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

NOTE: Consult with an advisor in selecting General Education distribution courses that will also satisfy the sequence requirement for Engineering majors at the U of U.

DISTRIBUTION AREAS

Choose an additional 6 credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CEEN 2010	Statics	3	F, Sp	MATH 1210, PHYS 2210
CEEN 2140	Strength Mtls I	2	F, Sp	CEEN 2010, w/MATH 2250
CHEM 1210	GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215

CHEM 1220	General Chemistry II	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1215	Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1225	Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310	Organic Chem I	4	A	CHEM 1220, w/CHEM 2315
CS 1050	Engineer Comp	3	F, Sp	MATH 1050
ENGR 1000	Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
ENGR 1020	Intro to Engr Lab	1	F, Sp	w/ENGR 1000
EE 2210	Elet Eng f/non EEmaj	3	F, Sp	PHYS 2220, w/MATH 2250
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equ/Lin Alg	3	A	MATH 1220
MSE 2010	Int Mat Sci Eng	4	F	CHEM 1220
MSE 2210	Elec Prop Mtls	3	Sp	CHEM 1220, MSE 2010, PHYS 2220
MSE 2410	Intro to Polymrs	3	Sp	CHEM 1220, MSE 2010
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220	Physics f/Sci & Eng II	4	A	PHYS 2210
PHYS 2215	Physics f/Sci & Eng L I	1	A	w/PHYS 2210

ELECTIVES (OPTIONAL)**MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.**

CEEN 2450	Num Tech	2	Sp	CS 1050, MATH 2250
CHEM 2320	Organic Chem II	5	A	CHEM 2310 w/C or better, w/CHEM 2325 (lab)
MSE 2000	CO-OP	1-2	A	2nd year, instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			CHEM 1220	4		
CHEM 1215	1			CHEM 1225	1		
CS 1050	3			ENGL 1010	3		
OR				MATH 1220	4		
ENGR 1000	2			PHYS 2220	4		
MATH 1210	4			TOTAL	16		
PHYS 2210	4						
PHYS 2215	1						
TOTAL	17						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 2010	3			CEEN 2140	2		
CHEM 2310	4			EE 2210	3		
ENGL 2010	3			MATH 2250	3		
OR				MSE 2210	3		
ENGL 2100	3			MSE 2410	3		
MATH 2210	3			AMERICAN INST	3		
MSE 2010	4			DISTRIBUTION	3		
DISTRIBUTION	3			TOTAL	20		
TOTAL	20						

***NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

MECHANICAL ENGINEERING

(minimum 72 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

NOTE: Consult with an advisor in selecting General Education distribution courses that will also satisfy the sequence requirement for Engineering majors at the U of U.

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CHEM 1210	General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CS 1050	Engineer Comp	3	F, Sp	MATH 1050
OR				
ENGR 1000	Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
AND				
ENGR 1020	Intro to Engr Lab	1	F, Sp	w/ENGR 1000
EE 2210	Elec En/Non EE	3	F, Sp	PHYS 2220, w/MATH 2250
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equ/Lin Alg	3	A	MATH 1220
MEEN 1050	Des&Visual Comm	3	F	none
MEEN 2010	Statics	3	F, Sp	MATH 1210, PHYS 2210
MEEN 2300	Eng Thrmnmc	2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
MEEN 2450	Numerical Techniq	2	Sp	CS 1050, MATH 2250
MEEN 2650	Engr Manufng/Lab	4	Sp	MEEN 2010, MEEN 2140
MEEN 2140	Strength Mtls I	2	F, Sp	MEEN 2010, w/MATH 2250
*MEEN 2145	Strgth of MatLab	1	F, Sp	w/MEEN 2140
MEEN 2020	Dynamics I	2	F, Sp	MEEN 2010

MEEN 2060	Dynamics II	2	Sp	MEEN 2020,
				MATH 1220
MSE 2160	Elem Mat Eng	3	F	CHEM 1210
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210

*Not required at the University of Utah

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

MEEN 2000	CO-OP Education	1-2	A	2nd year, instructor's approval
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SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM	1210	4		ENGL	2010	3	
CHEM	1215	1		OR			
ENGL	1010	3		ENGL	2100	3	
MATH	1210	4		MATH	1220	4	
MEEN	1050	3		MEEN	2010	3	
PHYS	2210	4		PHYS	2220	4	
TOTAL		19		AMERICAN INST	3		
				TOTAL		17	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CHE	2300	2		EE	2210	3	
CS	1050	3		MATH	2210	3	
OR				MEEN	2060	2	
ENGR	1000	2		MEEN	2450	4	
AND				MEEN	2650	4	
ENGR	1020	1		DISTRIBUTION	3		
MATH	2250	3		TOTAL		17	
MEEN	2140	2					
MEEN	2145	1					
MEEN	2020	3					
MSE	2160	3					
DISTRIBUTION		3					
TOTAL		20					

***NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

ENGINEERING DESIGN/DRAFTING TECHNOLOGY

Redwood Road Campus, AT 208 (801) 957-4074

General Information (801) 957-4073

Academic Advisor (801) 957-4858

<http://www.slcc.edu/drafting/>

Professors: Jane Hook

Associate Professor: David Webb

Instructors: Joel Clarkson, Walt Cunningham

THE PROGRAMS

Engineering Design/Drafting Technology is a profession that encompasses a variety of engineering disciplines that are always in high demand: mechanical, civil, piping, electronics, structural, and industrial. Students develop skills in technical drafting, CAD (Computer Aided Design), and the drafting practices specific to each of these discipline area. Drafters and designers are an integral part of a project team in every field, developing the drawings and designs for fabrication and construction.

Machining and Manufacturing Technology – see specific degrees.

CAREER OPPORTUNITIES

Engineering Design/Drafting Technology

Entry-level drafters work as CAD operators to produce production quality drawings from diagrams supplied by designers and engineers and can expect a starting salary from \$10 to \$12 per hour. AAS degree students or students with one year of experience

develop their own drawings from design specifications or field sketches and can expect between \$13 and \$16 to start. Two to four years of work experience will generally raise the employee to the level of designer at salaries from \$35,000 to \$50,000 per year.

Machining and Manufacturing Technology – see specific degrees.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the engineering design/drafting technology program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes or preparation. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program.

CLASS AVAILABILITY

In the evening program, advanced courses are taught on a demand basis and not necessarily in the semesters stated. In the summer term, advanced courses will be taught on a rotating schedule. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

CERTIFICATE OF COMPLETION^{CTE} ENGINEERING DRAFTING TECHNOLOGY

(minimum 30 hours required)

The two-semester certificate of completion provides the student with entry-level industry skills in mechanical drafting and computer-assisted drafting (CAD) as well as courses in speciality areas of the student's choice.

GENERAL EDUCATION REQUIREMENTS (9-10 CREDITS)

COURSE	CR	SEM	PREREQUISITES
COMMUNICATION			
See pp 25-27 for options.			

HUMAN RELATIONS

See pp 25-27 for options. Students who may want to pursue an AS degree in the future should take LE1220 as it will also meet the Social Science general education requirement.

QUANTITATIVE LITERACY

MATH 1010	Interm Algebra(QS)	4	A	MATH 0990 or CPT
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MAJOR COURSE REQUIREMENTS (12 CREDITS)

COURSE		CR	SEM	PREREQUISITES
*EDDT 1010	Tech Drafting I	3	A	none
*EDDT 1040	Intro to CAD	3	A	none
EDDT 1100	Adv AutoCAD	2	A	EDDT 1040
EDDT 1200	Tech Drafting II	4	A	EDDT 1010, EDDT 1040

*Waived for equivalent experience or course; challenge test available.

ELECTIVES (9 CREDITS)

(SELECT AT LEAST NINE CREDIT HOURS FROM THE FOLLOWING):

EDDT 1420	Basic Micro Stat	2	A	none
EDDT 2180**	Elec Drafting	3	Sp	EDDT 1100
EDDT 2190	Civil Drafting	2	F, Sp	EDDT 1040, EDDT 1420
EDDT 2240	Steel Detailing	3	F	MATH 1010, EDDT 1040
EDDT 2340**	Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350	Manufac Process Lab	1	F	w/EDDT 2340
EDDT 2360	Pipe Drafting	2	Sp	EDDT 1040
EDDT 2540**	Geo Dimen Tol	2	Sp	EDDT 1100

EDDT 2600**Modeling w/ SolidWorks 3 F EDDT 1100
 EDDT 2990 Special Topics 1-5 A Instructor approval
 **These courses can be taken concurrently with the prerequisites.

NOTE: Students acquiring a General Studies Associate of Science degree may simultaneously earn a Certificate in Engineering Drafting Technology by selecting the above courses to fulfill the vocational/technical component of their AS degree.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
COMMUNICATION	3	EDDT 1100	2
EDDT 1010	3	EDDT 1200	4
EDDT 1040	3	EDDT ELECTIVES	6-7
EDDT ELECTIVES	2-3	HUMAN RELATIONS	2-3
MATH 1010	4	TOTAL	14-16
TOTAL	15-16		

CERTIFICATE OF COMPLETION^{CTE} MACHINING TECHNOLOGY

(minimum 29 hours required)

Machining Technology - trained machinists are continuously needed in engineering, manufacturing and fabrication companies and there are not enough new workers available to fill the entry-level positions. This 30-week, 30-credit hour curriculum provides students with the manual and CNC skills required for work as an entry-level machinist, equivalent to 6 months of on-the-job training.

Entry-level wages for machinists start between \$10 and \$12 per hour and a machinist with two to five years of work experience will earn between \$28,000 and \$50,000 per year.

The two-semester certificate of completion in machining technology provides the student with the entry-level skills required for work as a machinist in industry and includes: manual and CNC (Computer Numerical Control) machining, CAD (Computer Assisted Design), CAM (Computer Assisted Manufacturing), Geometric Dimensioning and Tolerancing, and manufacturing processes.

GENERAL EDUCATION REQUIREMENTS (9-10 CREDITS)

COURSE	CR	SEM	PREREQUISITES
COMMUNICATION			
See pp 25-27 for options.			
HUMAN RELATIONS			
See pp 25-27 for options. Students who may want to pursue an AS degree in the future should take LE1220 as it will also meet the Social Science general education requirement.			
QUANTITATIVE LITERACY			
MATH 1010	4	A	MATH 0990 or CPT
OR			
IND 1120	3	F, Sp	none

MAJOR COURSE REQUIREMENTS (21 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1040	3	A	none
EDDT 1100	2	A	EDDT 1040
EDDT 2340**Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350	1	F	w/EDDT 2340
EDDT 2540	2	Sp	EDDT 1100**
MAT 1500	3	F	w/MAT 1510
MAT 1510	1	F	w/MAT 1500
MAT 1570	2	Sp	EDDT 1040, MAT 1500, MAT 1510
MAT 1600	3	Sp	w/MAT 1610
MAT 1610	1	Sp	w/MAT 1600

*Waived for equivalent experience or course; challenge test available.
 **This course can be taken concurrently with the prerequisite.

NOTE: Students acquiring a General Studies Associate of Science degree may simultaneously earn a Certificate in Engineering Drafting Technology by selecting the above courses to fulfill the vocational/technical component of their AS degree.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
COMMUNICATION	3	EDDT 1100	2
EDDT 1040	3	EDDT 2540	2
EDDT 2340	3	MAT 1570	2
EDDT 2350	1	MAT 1600	3
MAT 1500	3	MAT 1610	1
MAT 1510	1	MATH 1010	4
HUMAN RELATIONS	2-3	OR	
TOTAL	16-17	IND 1120	3
		TOTAL	13-14

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN ENGINEERING DESIGN/ DRAFTING TECHNOLOGY

(minimum 63 hours required)

The AAS degree provides, in addition to the certificate, an emphasis in specific discipline areas such as: electro-mechanical, machine design, structural steel detailing, piping, civil, manufacturing, and depth in CAD areas such as customization, solid modeling, and discipline specific software.

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS (12-13 CREDITS)

COMPOSITION (EN)

ENGL 1010 Intro to Writing 3 A pre-test

QUANTITATIVE LITERACY (QL)

MATH 1010 Inter Algebra (QS) 4 A MATH 0990 or CPT score

COMMUNICATION

See pp 25-27 for options.

HUMAN RELATIONS

See pp 25-27 for options. Students who may want to pursue an AS degree in the future should take LE1220 as it will also meet the Social Science general education requirement.

DISTRIBUTION AREAS

Choose one course (three credit hours) from any of the following distribution areas. The course must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (35 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1010	3	A	none
*EDDT 1040	3	A	none
EDDT 1100	2	A	EDDT 1040
EDDT 1200	4	A	EDDT 1010, EDDT 1040
EDDT 1420	2	A	none
EDDT 2180	3	Sp	EDDT 1100
EDDT 2190	2	F, Sp	EDDT 1040, EDDT 1420
EDDT 2240	3	F	MATH 1010, EDDT 1040
EDDT 2260	2	Sp	MATH 1010, EDDT 1040
EDDT 2340**Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350	1	F	w/EDDT 2340

EDDT 2360	Pipe Drafting	2	Sp	EDDT 1040
EDDT 2540	Geo Dimen Tol	2	Sp	EDDT 1100
EDDT 2600**	Modeling w/ SolidWorks	3	F	EDDT 1100

*Waived for equivalent experience or course; challenge test available.

**These courses can be taken concurrently with the prerequisites.

ELECTIVES (12-13 CREDITS)

SELECT AT LEAST 12 CREDIT HOURS FROM THE FOLLOWING LISTS:

The electives provide additional depth in specific discipline areas of design/drafting. Students should take the electives from the area in which they want specialization.

COURSE		CR	SEM	PREREQUISITES
EDDT 2990	Special Topics	1-5	A	ARCH 2330 or Instructor approval
ARCH 2330	CAD Customization	3	Sp	ARCH 1310 or EDDT 1100 or Instructor approval

MECHANICAL ELECTIVES

COURSE		CR	SEM	PREREQUISITES
EDDT 2700	Adv Solid Works	2	F, Sp	EDDT 2600 or equiv experience
EDDT 2710	AutoDesk 3D Mod	2	Sp, Su	AutoCAD experience
MAT 1500	Manual Machining	3	F	w/MAT 1510
MAT 1510	Manual Mach Lab	1	F	w/MAT 1500
MAT 1600	CNC Machine Theo	3	Sp	w/MAT 1610
MAT 1610	CNC Machining Lab	1	Sp	w/MAT 1600
MAT 2650**	CAD/CAM	2	Sp	EDDT 2540 and EDDT 2600

STRUCTURAL/CIVIL ELECTIVES

COURSE		CR	SEM	PREREQUISITES
ARCH 2310	Model/Rend/Animation	3	F	ARCH 1310 or EDDT 1040
ARCH 2350	Adv Architectural Cad	3	Sp	ARCH 1310 or EDDT 1040
EDDT 2420	Adv MicroStation	2	Sp	EDDT 1420
SVT 1110	Surveying Math I	3	F	MATH 1010 or CPT
SVT 1030	Survey Field Tech	3	Sp	SVT 1110 or MATH 1060
SVT 2290	App Survey Draft	3	Sp	EDDT 2190, SVT 1030

**This course can be taken concurrently with the prerequisite.

SAMPLE SCHEDULE

FIRST SEMESTER				SECOND SEMESTER			
EDDT 1010	3			COMMUNICATION	3		
EDDT 1040	3			EDDT 1100	2		
EDDT 2340	3			EDDT 1200	4		
EDDT 2350	1			EDDT 2260	2		
MATH 1010	4			EDDT 2360	2		
TOTAL	14			HUMAN RELATIONS	2-3		
				TOTAL	15-16		
THIRD SEMESTER				FOURTH SEMESTER			
EDDT 2240	3			EDDT 1420	2		
EDDT 2600	3			EDDT 2180	3		
EDDT ELECTIVE	3-6			EDDT 2190	2		
ENGL 1010	3			EDDT 2540	2		
DISTRIBUTION	3			EDDT ELECTIVES	7-9		
TOTAL	15-18			TOTAL	16-18		

COMPLETING THE GENERAL EDUCATION REQUIREMENTS LISTED BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE FOR STUDENTS WHO HAVE COMPLETED THE AAS IN EDDT:*

ENGINEERING DESIGN/DRAFTING TECHNOLOGY

(minimum 64 hours required; 21-22 credits beyond AAS degree.)

The AS degree focusing on Engineering Design/Drafting Technology is designed for students who have completed an AAS in Engineering Design/Drafting and who are interested in transferring to UVSC Technology Management Bachelor's Degree. The program allows the courses that are required in the AAS degree to be

combined with additional General Education courses to satisfy AS degree requirements. Upon completion of the AS degree, students should be able to transfer as juniors to UVSC Technology Management Bachelor's program (see a transfer advisor.) Students who transfer before completing the AAS and AS in Engineering Design/Drafting Technology must see the UVSC advisor about specific requirements they may still need to complete; including MATH 1040.

GENERAL EDUCATION REQUIREMENTS

(BEYOND THOSE COMPLETED FOR AAS)

COURSE		CR	SEM	PREREQUISITES
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CORE SKILLS (9-10 CREDITS)

COMPOSITION

ENGL 2010	Interm Writing	3	A	ENGL 1010
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QUANTITATIVE LITERACY

MATH 1030	Quantitative Reas	3	A	MATH 1010 or CPT score
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OR

MATH 1040	Intro to Statistics	3	A	MATH 1010 or CPT score
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OR

MATH 1050	College Algebra	4	A	MATH 1010 or CPT score
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AMERICAN INSTITUTIONS

ECON 1740	Econ Hist of US	3	A	none
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OR

HIST 1700	American Civ	3	A	none
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OR

POLS 1100	US Gov & Politics	3	A	none
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INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC		1	A	none
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STUDENT CHOICE

COMM 1010	Elem Effective Comm	3	A	none
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OR

COMM 1020	Prin of Public Speaking	3	A	none
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COMPUTER LITERACY

DISTRIBUTION AREAS (12 CREDITS)

Choose one course (three credit hours) from each of the following distribution areas except the one selected for the AAS degree (LE1220 satisfies Social Science requirement). One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none

See pp. 25-27 for options in each of these categories.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

CAD/CAM ENGINEERING TECHNOLOGY

(minimum 63 hours required)

Earning an AS degree while focusing on CAD/CAM Engineering Technology provides students with the basic mechanical drafting, CAD and CNC machining skills required for entry-level placement in industry, but is specifically for students wishing to transfer into the CAD/CAM engineering technology bachelor of science degree program at Southern Utah University.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none
Physical Science area is exempted; PHYS 2010 is required for the program. See pp. 25-27 for options in each of these categories.			
MAJOR COURSE REQUIREMENTS (31 CREDITS)			
COURSE	CR	SEM	PREREQUISITES
*EDDT 1010 Technical Drafting I	3	A	none
*EDDT 1040 Intro to AutoCAD	3	A	none
EDDT 1100 Advanced AutoCAD	2	A	EDDT 1040
EDDT 2180 Electronic Drafting	3	Sp	EDDT 1100
EDDT 2340**Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufact. Lab	1	F	w/EDDT 2340
EDDT 2540 Geo. Dimen. & Tol	2	Sp	EDDT 1100
EDDT 2600**Modeling w/ SolidWorks	3	F	EDDT 1100
MAT 1600 CNC Machine Theo	3	Sp	w/MAT 1610
MAT 1610 CNC Machining Lab	1	Sp	w/MAT 1600
MAT 2650**CAD/CAM	2	Sp	EDDT 2540 and EDDT 2600
PHYS 2010 College Physics I	4	A	MATH 1060
PHYS 2015 College Physics Lab I	1	A	w/PHYS 2010

*Waived for equivalent experience or course; challenge test available.

**These courses can be taken concurrently with the prerequisites.

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
EDDT 1010	3		EDDT 1100	2	
EDDT 1040	3		ENGL 1010	3	
EDDT 2340	3		MAT 1600	3	
EDDT 2350	1		MAT 1610	1	
DISTRIBUTION	6		MATH 1210	4	
TOTAL	16		TOTAL	16	
THIRD SEMESTER			FOURTH SEMESTER		
EDDT 2600	3		COMM 1010	3	
ENGL 2010	3		OR		
AMERICAN INST	3		COMM 1020	3	
DISTRIBUTION	6		EDDT 2180	3	
HLAC	1		EDDT 2540	2	
TOTAL	16		MAT 2650	2	
			PHYS 2010	4	
			PHYS 2015	1	
			TOTAL	15	

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

MANUFACTURING ENGINEERING TECHNOLOGY

(minimum 63 hours required)

Manufacturing Engineering Technology - the manufacturing engineering technician designs tooling for the fabrication of mass-produced parts, monitors the manufacturing processes, and performs inspection. The degree also provides the first two years for transfer into the Manufacturing Engineering Technology Bachelor of Science at Weber State University.

Two year graduates in Manufacturing Engineering Technology start from \$28,000-\$33,000 per year. Bachelor degree graduates start at \$45,000. Graduates with BS degrees find jobs as manufacturing engineers, tooling designers, process engineers and project managers.

Earning an AS degree while focusing on manufacturing engineering technology provides students with the CAD/CAM, solid modeling design, manual and CNC machining skills required for entry-level placement in industry but is specifically for students wishing to transfer into the manufacturing engineering technology bachelor of science degree program at Weber State University.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

CORE SKILLS (17 CREDITS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

QUANTITATIVE LITERACY

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

AMERICAN INSTITUTIONS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

INSTITUTIONAL REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

STUDENT CHOICE (3 CREDITS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

COMPUTER LITERACY**DISTRIBUTION AREAS (15 CREDITS)**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1210 Calculus I	4	A	MATH 1060
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none
INSTITUTIONAL REQUIREMENTS			
LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Intro to Comm	3	A	none
OR			
COMM 1020 Princpls of Pub Spk	3	A	none
COMPUTER LITERACY			
DISTRIBUTION AREAS (15 CREDITS)			
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	3	A	none
Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.			

Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (31 CREDITS)

COURSE		CR	SEM	PREREQUISITES
CHEM 1110	Elem Chemistry	4	A	MATH 1010, w/CHEM 1115
CHEM 1115	Elem Chem Lab	1	A	w/ CHEM 1110
CHEM 1210	Gen Chemistry I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	A	w/ CHEM 1210
PHYS 2010	College Physics I	4	A	MATH 1060, w/PHYS 2215
PHYS 2015	College Physics Lab I	1	A	w/ PHYS 2010
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/ PHYS 2210
EDDT 1100	Adv AutoCAD	2	A	EDDT 1040*
EDDT 2340**	Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350	Manufac Process Lab	1	F	w/EDDT 2340
EDDT 2540	Geo Dim & Tol	2	Sp	EDDT 1100
EDDT 2600**	Modeling w/ SolidWorks	3	F	EDDT 1100
MAT 1500	Manual Machining	3	F	w/ MAT 1510
MAT 1510	Manual Mach Lab	1	F	w/ MAT 1500
MAT 1600	CNC Machine Theo	3	Sp	w/MAT 1610
MAT 1610	CNC Machining Lab	1	Sp	w/MAT 1600
MAT 2650**	CAD/CAM	2	Sp	EDDT 2540 and EDDT 2600

*This prerequisite can be waived for equivalent experience or course; challenge test available.

**These courses can be taken concurrently with the prerequisites.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
EDDT 1100	2	ENGL 1010	3
EDDT 2340	3	MAT 1600	3
EDDT 2350	1	MAT 1610	1
MAT 1500	3	AMERICAN INST	3
MAT 1510	1	DISTRIBUTION	6
MATH 1210	4	TOTAL	15
HLAC	1		
TOTAL	15		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ECON 1010	3	CHEM 1010	5
EDDT 2600	3	COMM 1010	3
ENGL 2010	3	OR	
PHYS 1020	5	COMM 1020	3
DISTRIBUTION	3	EDDT 2540	2
TOTAL	17	MAT 2650	2
		DISTRIBUTION	3
		TOTAL	15

In addition to the required courses listed above, WSU's Manufacturing Engineering Technology Bachelor of Science degree requires the following courses that may also be completed at SLCC before transferring:

*MEEN2010 Statics 3 F,Sp PHYS 2210

*MEEN2140 Strength of Materials 2 F,Sp MEEN 2010

*MEEN2145 Mat Lab 1 F,Sp w/ MEEN 2140

*These three courses can be taken at Weber State University as one course, MFET 2300.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE***MECHANICAL ENGINEERING TECHNOLOGY**

(minimum 62 hours required)

Mechanical Engineering Technology - the mechanical engineering technician provides support for design engineers as quality technicians, drafter/designers, and document specialists. The degree also provides the first two years for transfer into the Mechanical Engineering Technology Bachelor of Science at Weber State University.

Two year graduates in Mechanical Engineering Technology start from \$28,000-\$33,000 per year. Bachelor degree graduates start at \$45,000. Graduates with BS degrees find jobs as technical designers, quality engineers, process engineers and project managers.

Earning an AS degree while focusing on mechanical engineering technology provides students with the CAD/CAM, solid modeling design, and basic machining skills required for placement in the industry as technicians, but is specifically for students wishing to transfer into the mechanical engineering technology bachelor of science degree program at Weber State University.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS (17 CREDITS)

COMPOSITION					
ENGL	1010	Intro to Writing	3	A	pre-test
ENGL	2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	American Civ	3	A	none
OR				
POLS 1100	US Gov& Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC		1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM 1010	Intro to Comm	3	A	none
OR				
COMM 1020	Princpls of Pub Spk	3	A	none

COMPUTER LITERACY**DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON 1010)	3	A	none

Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (30 CREDITS)

COURSE		CR	SEM	PREREQUISITES
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
CHEM 1110	Elem Chem	4	A	MATH 1010, w/CHEM 1115
CHEM 1115	Elem Chem Lab	1	A	none
*EDDT 1040	Intro to AutoCAD	3	A	none
EDDT 1100	Adv AutoCAD	2	A	EDDT 1040

EDDT 2340**Manufacturing Process	3	F	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufac Process Lab	1	F	w/EDDT 2340
EDDT 2540 Geo Dim & Tol	2	Sp	EDDT 1100
EDDT 2600**Modeling w/ SolidWorks	3	F	EDDT 1100
MAT 1500 Manual Machng	3	F	w/MAT 1510
MAT 1510 Manual Mach Lab	1	F	w/MAT 1500
MAT 2650**CAD/CAM	2	Sp	EDDT 2540 and EDDT 2600

*Can be waived for equivalent experience or course; challenge test available.

**These courses can be taken concurrently with the prerequisites.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
EDDT 1040	3	EDDT 1100	2
EDDT 2340	3	ENGL 1010	3
EDDT 2350	1	PHYS 2210/2215	5
MAT 1500	3	AMERICAN INST	3
MAT 1510	1	DISTRIBUTION	3
MATH 1210	4	TOTAL	16
TOTAL	15		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CHEM 1110	4	COMM 1010	3
CHEM 1115	1	OR	
ECON 1010	3	COMM 1020	3
EDDT 2600	3	EDDT 2540	2
ENGL 2010	3	MAT 2650	2
HLAC	1	DISTRIBUTION	9
TOTAL	15	TOTAL	16

In addition to the required courses listed above, Weber State University's Mechanical Engineering Technology Bachelor of Science degree requires the following courses that may also be completed at SLCC before transferring:

COURSE	CR	SEM	PREREQUISITES
MATH 1220 Calculus II	4	A	MATH 1210
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2225 Physicsf/Sci&Eng LII	1	A	w/PHYS 2220
*MEEN2010 Statics	3	F, Sp	PHYS 2210
*MEEN2140 Strngth of Mat	2	F, Sp	MEEN 2010
*MEEN2145 Mat Lab	1	F, Sp	w/MEEN 2140

*These three courses can be taken at Weber State University as one course, MFET 2300.

ENGINEERING DRAFTING

SEE **ENGINEERING DESIGN /DRAFTING TECHNOLOGY**

ENGLISH

General Information (801) 957-4073
Redwood Campus, Administration Building 241, (801) 957-4020
Academic Advising SC 240 (801) 957-6066
<http://www.slcc.edu/english/>

Department Chair: Stephen Ruffus

Professor: Alma McKertich

Associate Professors: Clyda Rae Blackburn, Lisa Bickmore, Louise Bown, Mary Jayne Davis, Allison Fernley, Gary Howard, Liz Montague, Tiffany Rousculp, Stephen Ruffus, Elisa Stone.

Assistant Professors: Sue Briggs, Nathan Cole, Jennifer Courtney, Stephanie Dowdle, Jamie McBeth-Smith, Jason Pickavance

Instructors: Ron Christiansen, Melissa Helquist, Lynn Kilpatrick, Brittany Stephenson

THE PROGRAM

The English department provides courses involving reading, writing and critical thinking, ranging from introductory to more advanced explorations of the role of language in society, in academic studies and in our own personal and professional experiences. We emphasize teaching students to take responsibility for how they communicate in a variety of contexts (from academic, to imaginative, to work-related) and for how language may be used to achieve results. Courses are taught as intellectual inquiry, expose students to diverse reading and writing tasks and address how power may be won or lost through the medium of words. A departmental emphasis is also available for students seeking an A.A. or an A.S. in English.

Most college degree and certificate programs require a two-course sequence of ENGL 1010, followed by ENGL 2010 or ENGL 2100.

ENGL 1050, ENGL 1060, ENGL 1100, ENGL 2030, ENGL 2330, ENGL 2600, ENGL 2610, ENGL 2710, ENGL 2740, ENGL 2810, ENGL 2830, and ENGL 2850 will fulfill the General Education humanities requirement.

ENGL 1050, ENGL 2030, ENGL 2610, ENGL 2760, ENGL 2810, ENGL 2830, and ENGL 2850 fulfill the Diversity (DV) requirement at SLCC.

ENGL 1050, ENGL 1100, ENGL 2030, ENGL 2280, ENGL 2610, ENGL 2810 and ENGL 2820 may fulfill the diversity requirement at many institutions.

The English department also provides electives such as ENGL 2250, ENGL 2260 and ENGL 2270 for students seeking to explore various kinds of writing.

PREREQUISITES

Students are responsible for taking the ACT or the College Placement Test before the semester (at least one month before) they wish to enroll in ENGL 1010. Students who need to take preparatory classes in English to meet the requirement of any course should plan on extra time to complete a degree. It also is the student's responsibility to examine each course description for details of prerequisite classes. Prerequisites must be completed with a minimum grade of C. Students also must receive a minimum grade of C (not C-) in all classes counted toward the degree.

THE STUDENT WRITING CENTER

The Writing Center offers SLCC writers a place to talk about their writing or reading with a trained writing advisor. Faculty writing advisors are instructors who teach in the writing program; peer writing advisors are SLCC students who have been recommended by faculty and have received extensive training in writing advising.

All writers at SLCC (undergraduates, staff, and faculty) are welcome to bring their work to the Writing Center. Advisors are able to work with all in-class writing and other writing projects such as scholarship applications, memos and reports. In the Writing Center, advisors assist in analyzing the writing situation or project, developing a writing plan, undoing writing "blocks" and providing feedback to the writer. Computers are available in AD 230, as is assistance with word processing.

In the Writing Center, one-on-one or small group consultations are available and writers are encouraged to meet with an advisor at any stage in their writing project (from brainstorming to final editing). The Writing Center also holds workshops on reading/writing topics, demonstrates in-class peer group workshoping and distributes other writing-related materials (including materials on documentation and research methods). A standard consultation is a 20- to 30-minute meeting between a writer and a writing advisor (small group appointments also are available). These meetings can

take place at any stage in the writing process from brainstorming to final editing. Writers can drop in any time the Center is open to make an appointment; they should bring details about the assignment, along with notes and any drafts. On the Redwood Road Campus, the Writing Center is located at AD 218. At South City Campus, writing tutors are available in the Learning Center, N308. At Sandy Center, tutors are available in Annex 172. At Jordan Campus, tutors are available in room 102.

The SLCC Community Writing Center, located at 511 W. 200 South, Salt Lake City, provides writing assistance and short term workshops to all Salt Lake area adults. For information, call (801) 957-4992.

ELECTIVE OPTIONS

With prior approval, students working in a job related to the Humanities may earn up to four hours of general elective credit. See ENGL 2000 for more details.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE* (minimum 63 credit hours)

GENERAL EDUCATION REQUIREMENTS (34 CREDITS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Wrtnng	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quant Reasoning	3	A	MATH 1010 or CPT
OR			
MATH 1040 Intro to Statistics	3	A	MATH 1010 or CPT
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC	1	A	none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

CIS 1020 Computer Essentials	3	A	none
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(Successfully complete the class or challenge test.)

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
*Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

NOTE: The following courses will fulfill the General Education Distribution Area requirement in Humanities: ENGL 1050, ENGL 1060, ENGL 2030, ENGL 2600, ENGL 2610, ENGL 2710, ENGL 2740 and ENGL 2820. If one of these courses is selected to fill the General Education Humanities requirement, it may also count toward the 17 credit hours of English required in the Major Course Requirements and English electives. If this option is selected, student must also complete an additional 3 credit hours in the non-English Electives area.

MAJOR COURSE REQUIREMENTS

(11 CREDITS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
ENGL 2600 Crit Intro Literature	3	A	none
ENGL 2700 Critical Theory	3	F, Sp	ENGL 2600
LANG 1020 (any language)	5	A	Language 1010 or approval

*ENGLISH ELECTIVES (6 CREDITS)

ENGL 1050 Reading Cont Cl	3	A	none
ENGL 1060 Technology St	3	TBA	none
ENGL 1100 Divers in Pop US Lit	3	A	none
ENGL 1200 Intro Linguistics	3	TBA	ENGL 1010
ENGL 1900 Special Studies	1-3	A	ENGL 1010
ENGL 2000 CO-OP	2-4	A	instructor's approval
ENGL 2030 Language in Society	3	F, Sp	ENGL 1010
ENGL 2250 Imaginative Writ	3	F, Sp	ENGL 1010
ENGL 2260 Writing Poetry	3	Sp	ENGL 2250
ENGL 2270 Writing Fiction	3	F	ENGL 2250
ENGL 2280 Intro to Creative Fiction	3	F	none
ENGL 2300 Int Shakespeare	3	A	ENGL 1010
ENGL 2330 Children's Literature	3	F, Sp	ENGL 1010
ENGL 2610 Lit Trends in Am	3	A	ENGL 1010
ENGL 2620 Lit Trends in Brit	3	TBA	ENGL 1010
ENGL 2650 Uses of Poetry	3	TBA	ENGL 1010
ENGL 2710 Intro Folklore	3	A	none
ENGL 2730 Contemp Scienc	3	TBA	ENGL 1010
ENGL 2740 Women's Studies	3	A	none
ENGL 2750 Lit Medicine/Psy	3	TBA	ENGL 1010
ENGL 2760 Gender&Cultural Studies	3	F, Sp	none
ENGL 2810 Native Amer Liter	3	F, Sp	ENGL 1010
ENGL 2830 Diverse Women Writers	3	A	none
ENGL 2850 GLBT Studies	3	A	none
HUMA 2130 Philosophy/Literatr	3	F, Sp	none

*Acceptance of English courses varies within English programs at various institutions. Meet with an advisor to plan which English courses are best suited for the program to which you plan to transfer.

NON-ENGLISH ELECTIVES (13 CREDITS)

Complete 13 credits of any college course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ENGL 1010	3			ENGL 2010	3		
LANG 1020	5			ENGL 2600	3		
NON-ENGL ELECT	3			AMERICAN INST	3		
STUDENT CHOICE	3			DISTRIBUTION	3		
HLAC	1			MATH 1030	3		
TOTAL	15			OR			
				MATH 1040	3		
				TOTAL	15		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
ENGL ELECTIVE	3			ENGL 2700	3		
DISTRIBUTION	9			ENGL ELECTIVE	3		
NON-ENGL ELECT	6			DISTRIBUTION	6		
TOTAL	18			NON-ENGL ELECT	4		
				TOTAL	16		

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 credit hours)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030 Quant Reasoning	3	A	MATH 1010 or CPT
OR			
MATH 1040 Intro to Statistics	3	A	MATH 1010 or CPT

AMERICAN INSTITUTIONS

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civ	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC	1	A	none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
*Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(6 CREDITS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
ENGL 2600 Crit Intro Literature	3	A	none
ENGL 2700 Critical Theory	3	F, Sp	ENGL 2600

NOTE: The following courses will fulfill the General Education Distribution Area requirement in Humanities: ENGL 1050, ENGL 1060, ENGL 2030, ENGL 2600, ENGL 2610, ENGL 2710, ENGL 2740, and ENGL 2820. If one of these courses is selected to fill the General Education Humanities requirement, it may also count toward the 12 credit hours of English required in the Major Course Requirements and English electives. If this option is selected, student must also complete an additional 3 credit hours in the non-English Electives area.

*ENGLISH ELECTIVES (6 CREDITS)

ENGL 1050 Reading Cont Cul	3	A	none
ENGL 1060 Technology St	3	TBA	none
ENGL 1100 Divers in Pop US Lit	3	A	none
ENGL 1200 Intro Linguistics	3	TBA	ENGL 1010
ENGL 1900 Special Studies	1-3	A	ENGL 1010
ENGL 2000 CO-OP	2-4	A	instructor's approval
ENGL 2030 Language in Society	3	F, Sp	ENGL 1010
ENGL 2250 Imaginative Writ	3	F, Sp	ENGL 1010
ENGL 2260 Writing Poetry	3	Sp	ENGL 2250
ENGL 2270 Writing Fiction	3	F	ENGL 2250
ENGL 2300 Int Shakespeare	3	A	ENGL 1010

ENGL 2610 Lit Trends in Am	3	A	ENGL 1010
ENGL 2620 Lit Trends in Brit	3	TBA	ENGL 1010
ENGL 2650 Uses of Poetry	3	TBA	ENGL 1010
ENGL 2710 Intro Folklore	3	A	none
ENGL 2330 Children's Literature	3	F, Sp	ENGL 1010
ENGL 2730 Contemp Scienc	3	TBA	ENGL 1010
ENGL 2740 Women's Studies	3	A	none
ENGL 2750 Lit Medicine/Psy	3	TBA	ENGL 1010
ENGL 2810 Native Amer Liter	3	F, Sp	ENGL 1010
ENGL 2830 Diverse Women Writers	3	A	none
ENGL 2850 GLBT Studies	3	A	none
HUMA 2130 Philosophy/Literatr	3	F, Sp	none

*Acceptance of English courses varies within English programs at various institutions. Meet with an advisor to plan which English courses are best suited for the program to which you plan to transfer.

NON-ENGLISH ELECTIVES (18 CREDITS)

Complete 18 credits of any college course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	ENGL 2010	3
NON-ENGL ELECT	9	ENGL 2600	3
STUDENT CHOICE	3	AMERICAN INST	3
HLAC	1	DISTRIBUTION	3
TOTAL	16	MATH 1030	3
		OR	
		MATH 1040	3
		TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ENGL ELECTIVE	3	ENGL 2700	3
NON-ENGL ELECT	6	ENGL ELECTIVE	3
DISTRIBUTION	9	NON-ENGL ELECT	3
TOTAL	18	DISTRIBUTION	6
		TOTAL	15

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 1050 Reading Cont Cl	3	A	none
ENGL 1060 Technology St	3	TBA	none
ENGL 1100 Divers in Pop US Lit	3	A	none
ENGL 1200 Intro Linguistics	3	TBA	ENGL 1010
ENGL 1900 Special Studies	1-3	A	ENGL 1010
ENGL 2000 CO-OP	2-4	A	instructor's approval
ENGL 2010 Interm Writing	3	A	ENGL 1010
ENGL 2030 Language in Society	3	F, Sp	ENGL 1010
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
ENGL 2250 Imaginative Writ	3	A	ENGL 1010
ENGL 2260 Writing Poetry	3	Sp	ENGL 2250
ENGL 2270 Writing Fiction	3	F	ENGL 2250
ENGL 2280 Intro to Creat Nonfiction	3	F	none
ENGL 2300 Int Shakespeare	3	A	ENGL 1010
ENGL 2600 Crit Intro Literature	3	A	none
ENGL 2610 Lit Trends in Am	3	A	ENGL 1010
ENGL 2620 Lit Trends in Brit	3	TBA	ENGL 1010
ENGL 2650 Uses of Poetry	3	TBA	ENGL 1010
ENGL 2700 Critical Theory	3	F, Sp	ENGL 2600
ENGL 2710 Intro Folklore	3	A	none
ENGL 2330 Children's Literature	3	F, Sp	ENGL 1010
ENGL 2730 Contemp Scienc	3	TBA	ENGL 1010
ENGL 2740 Women's Studies	3	F	none
ENGL 2750 Lit Medicine/Psy	3	TBA	ENGL 1010
ENGL 2760 Gender&Cultural Studies	3	F, Sp	none
ENGL 2810 Native Amer Liter	3	F, Sp	ENGL 1010
ENGL 2830 Diverse Women Writers	3	A	none
ENGL 2850 GLBT Studies	3	A	none

ENGLISH-AS-A-SECOND LANGUAGE

SEE ALSO **SKILLS CENTER**.

Estimated cost of tools and supplies per semester \$75

General Information (801) 957-4073
 South City Campus N128B - (801) 957-3212
 Technology Building Learning Center 417G (801) 957-3245
<http://www.slcc.edu/esl/>

Associate Professors: Robyn Cruff, George Ellington, Dean Huber,
 Katherine McIntyre, Mary Mellott, Cheryl Shurtleff

PROGRAM

This program offers basic through advanced level education in English Language and the use of English for academic, professional and general purposes, including the following goals:

1. An analysis of English to practice classroom skills, improve understanding of written and spoken English and communicate more effectively when speaking or writing English;
2. Practice listening comprehension skills so that students can successfully understand an English speaking teacher in a technical/academic class;
3. Development of English speaking skills so the students can participate in classroom discussions, ask questions when they need to and successfully communicate what they know;
4. Development of college-level textbook reading skills; and
5. Development of basic writing skills in preparation for college-level composition classes.

PLACEMENT

All students are required to take the College's ESL Placement Battery to be placed in an appropriate level.

PREREQUISITES

It is the student's responsibility to examine each course description for details or prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

NOTE: Students without prerequisite class skills are at a disadvantage and may be required to repeat the course after fulfilling prerequisites.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ENGLISH-AS-A-SECOND-LANGUAGE

LEVEL 1: BEGINNING ESL

COURSE	CR	SEM	PREREQUISITES
KESL 0110 Beginning Grammar	0	A	CELSA 0-20
KESL 0120 Bgn Rd/Wrte/Spk	0	A	CELSA 0-20
KESL 0450 Language Lab	0	A	CELSA 0-20

LEVEL 2: INTERMEDIATE ESL

COURSE	CR	SEM	PREREQUISITES
KESL 0210 Interm Grammar	0	A	CELSA 21-39
KESL 0220 Intm Rd/Wrte/Spk	0	A	CELSA 21-39
KESL 0250 Intrm Lstn/Note-Tkng	0	A	CELSA 21-39
KESL 0450 Language Lab	0	A	CELSA 21-39

LEVEL 3: ADVANCED ESL

COURSE	CR	SEM	PREREQUISITES
KESL 0310 Adv Grammar	0	A	CELSA 40-66
KESL 0320 Adv Rd/Wrte/Spk	0	A	CELSA 40-66
KESL 0350 Adv Lstn/Note-Tkng	0	A	CELSA 40-66
KESL 0450 Language Lab	0	A	CELSA 40-66

LEVEL 3(C): ADVANCED PRE-COLLEGE

COURSE	CR	SEM	PREREQUISITES
KESL 0720 Reading/Writing	0	A	CELSA 58-66
KESL 0730 Listening/Speaking	0	A	CELSA 58-66
KESL 0740 Computer Skills	0	A	CELSA 58-66
KESL 0750 Pre-Col Workshop	0	A	CELSA 58-66

LEVEL 4: COLLEGE ESL

COURSE	CR	SEM	PREREQUISITES
ESL 1010 College Listen/Spk	7	A	LOEP>72,/TOEFL 133-172/>450
ESL 1020 College Read/Write	8	A	LOEP>72,/TOEFL 133-172/>450
ESL 1030 ESL Conversation	3	A	LOEP>72,/TOEFL 133-172/>450
ESL 1040 ESL Grammar	3	F	LOEP>72,/TOEFL 133-172/>450
ESL 1050 ESL Vocabulary	3	F	LOEP>72,/TOEFL 133-172/>450
ESL 1060 ESL Pronunciation	3	F	LOEP>72,/TOEFL 133-172/>450
ESL 1070 TOEFL Preparation	3	Sp	none
ESL 1080 Bus English for ESL	3	Sp	LOEP>72,/TOEFL 133-172/>450
ESL 1090 Am Culture/Citizen	3	Sp	LOEP>72,/TOEFL 133-172/>450

ENVIRONMENTAL RESOURCE MANAGEMENT

SEE **UNIVERSITY CENTER**.

ENVIRONMENTAL TECHNOLOGY

Estimated cost of books and supplies for program \$1,600

General Information (801) 957-4073
 Academic Advisor SC 240 (801) 957-4184
<http://www.slcc.edu/envtech/>

Associate Professor: Deanna Anderson
 Assistant Professor: Mark Dumas

THE PROGRAM

The environmental technology program provides students with the necessary academic knowledge and hands-on skills to work in the environmental, health and safety field or continue on to a four-year degree program in one of many environmental related fields.

In the environmental technology program, students learn the basics through one-on-one contact with practicing professionals. Small classes and hands-on training allow students to solidify their knowledge and skills. Courses include real-world applications in:

FIELD SAMPLING
 COMPUTER APPLICATION
 HANDS-ON SCENARIOS
 FIELDWORK INSTRUCTION

The learning experience with this program incorporates the use of the Internet, lectures from guest professionals, and strengthening of competencies demanded by the industry. Our low student-to-teacher ratio allows for one-on-one instruction. The networking and data search ensures that students graduate at the cutting edge of the environmental technology industry.

Upon completion of the Environmental Technology program, students will have completed requirements and received certificates for:

Occupational Safety and Health Administration 40-hour Hazardous Waste Operations

Occupational Safety and Health Administration 24-hour Emergency Spill Response

Department of Transportation Hazardous Materials Training (HM126F)

Students will also be prepared and qualified to take the Utah State Sampling Test for Underground Storage Tanks.

There are two Environmental Technology program offerings. The one-year certificate of completion (32 credit hours) gives students an employable exit point to begin working in entry-level positions. However, it is strongly recommended that students continue their studies by completing the requirements for an Associate of Science degree (63 credit hours) allowing students to apply for more advanced positions in the industry as well as applying to and transferring to a Bachelor's Degree program.

The AS degree provides the first two years of a Bachelor of Science degree in Environmental Resource Management from California State University at Bakersfield, a distance education program which is completed mostly over the Internet. It also meets requirements for the Bachelor of Science degree in Earth Science/Environmental Management at Utah Valley State College.

PREPARATION NOTE

Students entering this program should have a 10th grade proficiency in reading and writing skills and one year of high school algebra. Students who need to take preparatory classes to meet the requirements of the first semester should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of the prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER INFORMATION

Students planning to transfer to four-year institutions to study environmental, health and safety fields should meet with their academic advisor to select General Education, required and elective courses that will satisfy institution-specific requirements. Working with the advisor, students may be able to substitute a SLCC required course for coursework preferred by the four-year school.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 64-65 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2100 Technical Wrting	3	A	ENGL 1010

CORE SKILLS COMPOSITION

QUANTITATIVE LITERACY

MATH 1040 Statistics	3	A	MATH 1010
OR			
MATH 1050 College Algebra	4	A	MATH 1010

(Students planning to transfer to UVSC or USU should take MATH 1050; either MATH for Cal State Bakersfield program.)

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Complete the following distribution (PS and BS) courses:

BIOL 1110 Int Hu Ana Phy	3	A	none
CHEM 1010 Intro to Chem	3	A	none

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ENVT 1050 Intro Env Tech	3	Sp	none
ENVT 1060 IntroOccSfty/Hlth	3	F	none
ENVT 1100 Wst Stm Gn/Rd	3	Sp	CHEM 1010
ENVT 1300 Basic Toxicology	3	F	BIOL 1110
ENVT 2100 Envmtl Cmplnc I	3	F	ENVT 1050, ENVT 1100
ENVT 2150 EnvmtlCmplnII	3	Sp	ENVT 1050, ENVT 1100
ENVT 2400 HazWasteEmRsp	2	Sp	ENVT 1300, w/ENVT 2410
ENVT 2410 HazWstEmRspLb (this is a graded lab)	1	Sp	ENVT 1300, w/ENVT 2400
ENVT 2800 Sampling & Analysis	2	Sp	CHEM 1010 or ENVT 1050, w/ENVT 2810
ENVT 2810 Sampling/AnalysisLb (this is a graded lab)	1	Sp	CHEM 1010 ENVT 1050, w/ENVT 2800
* _____ Electives	6		

*Please speak to an Environmental Technology instructor or to the academic advisor for technology programs to help in selecting appropriate and beneficial elective courses.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM 1010	3		ENGL 1010	3	
ENVT 1060	3		ENVT 1050	3	
BIOL 1110	3		ENVT 1100	3	
HLAC	1		MATH 1040	3	
ELECTIVE	3		OR		
STUDENT CHOICE	3		MATH 1050	4	
TOTAL	16		DISTRIBUTION	3	
			TOTAL	15-16	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ENGL 2100	3		ENVT 2150	3	
ENVT 1300	3		ENVT 2400	2	
ENVT 2100	3		ENVT 2410	1	
DISTRIBUTION	3		ENVT 2800	2	
ELECTIVE	3		ENVT 2810	1	
TOTAL	15		AMERICAN INST	3	
			DISTRIBUTION	6	
			TOTAL	18	

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

CERTIFICATE OF COMPLETION/^{CTE} ENVIRONMENTAL TECHNOLOGY

(minimum 37 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm	3	A	none
ENVT 1030	Essntls of Rad Safety	1	A	none
ENVT 1050	Intro Env Tech	3	Sp	none
ENVT 1060	Intr OccSfty/Hlth	3	F	none
ENVT 1100	Wst Stm Gn/Rd	3	Sp	CHEM 1010
ENVT 1300	Basic Toxicology	3	F	BIOL 1110
ENVT 2100	EnvmntlCmplncl	3	F	ENVT 1050, ENVT 1100
ENVT 2150	Envmntl Cmpln II	3	Sp	ENVT 1050, ENVT 1100
ENVT 2400	Haz Waste Em Rsp	3	Sp	ENVT 1300
ENVT 2410	HazWstEmRspLb (this is a graded lab)	1	Sp	ENVT 1300, w/ENVT 2400
ENVT 2800	Sampling & Analysis	2	Sp	CHEM 1010 or ENVT 1050, w/ENVT 2810
ENVT 2810	Sampling/AnalysisLb (this is a graded lab)	1	Sp	CHEM 1010 ENVT 1050, w/ENVT 2800
ENGL 1010	Intro to Writing	3	A	pre-test
MATH 1040	Statistics	3	A	MATH 1010
**	Elective	3		

** Please speak to an Environmental Technology instructor or to the academic advisor for technology programs to help in selecting appropriate and beneficial elective courses.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
COMM 1010	3	ENGL 1010	3
ENVT 1060	3	ENVT 1050	3
ENVT 1300	3	ENVT 1100	3
ENVT 2100	3	ENVT 2150	3
MATH 1040	3	ENVT 2400	2
ELECTIVE	3	ENVT 2410	1
TOTAL	18	ENVT 2800	2
		ENVT 2810	1
		TOTAL	18

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
ENVT 1010	Race to Save Planet	3	A	none
ENVT 1040	Workplace Safety	2	A	none
ENVT 2120	Haz Mat Transport	1	Sp	none
ENVT 2130	Haz Waste Mngmt	2	Sp	ENVT 2120 or DOT HM126 Certification
ENVT 2420	Em Respnse Refresher	.5	Sp	ENVT 2400, ENVT 2410, instructor approval

ETHNIC STUDIES

SEE SOCIAL WORK.

FAMILY AND HUMAN STUDIES

SEE ALSO PRE-TEACHER EDUCATION AND
PARAEDUCATION.

Estimated cost of books and supplies per course	\$75
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General Information (801) 957-4073
Eccles ECD Lab School (801) 957-4567
Academic Advisor (801) 957-3361

Professor: Dale D. Smith
Assistant Professor: Janet Brohm
Instructor: Lois Oestreich, Beth Rodriguez

THE PROGRAM

The Family and Human Studies program offers four program options: a child development associate (CDA) credential track; a one-year certificate in FHS; an AAS degree in family and human studies and an AS degree. Entry into the programs requires evidence of high school graduation, a GED, or concurrent enrollment.

CDA (CHILD DEVELOPMENT ASSOCIATE CREDENTIAL)

The CDA track fulfills the formal education requirement for the nationally recognized CDA credential. Utah accepts the child development associate credential as meeting the minimum qualifications for a child care center director. Coursework completed in pursuit of the CDA option can be applied toward the one-year Certificate of Completion, the AS and AAS degrees. Consult with a departmental advisor to find out more about this option.

CERTIFICATE OF COMPLETION

The one-year Certificate of Completion is for students who want intensive instruction in early childhood development, but are not seeking a two-year degree. The one-year Certificate of Completion requires the same FHS courses as the two-year degrees, but eliminates most General Education requirements. Coursework completed in pursuit of the one-year Certificate of Completion can be applied toward the AS and AAS degrees.

ASSOCIATE OF APPLIED SCIENCE DEGREE

The two-year AAS degree in Family and Human Studies prepares the student to become a teacher or director of a child care facility. Special attention is given to providing the student the business skills needed to become an effective child care center administrator.

ASSOCIATE OF SCIENCE DEGREE

The two-year AS degree is designed for students who plan to transfer to programs at four-year universities or colleges. SLCC has developed articulation agreements with other state colleges and universities which makes it easy for SLCC students to transfer their credits. Although SLCC has worked hard to make transferring to other institutions as convenient as possible, it is important to understand that specific course requirements for a degree vary among the state's four-year colleges. To optimize your educational experience at SLCC, please be sure to consult with an advisor before registering for elective classes.

EVENING CLASSES

Many of the FHS courses for the options listed above are also offered during the evening.

<p>NOTE: Many of the FHS classes require a lab in which the student works with preschool children. Evening students will be required to attend labs at the Eccles Lab School, which is open from 6:45 a.m. - 5 p.m.</p>
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COOPERATIVE EDUCATION

Students working 20 hours or more per week in a licensed child care facility may complete some lab requirements at their work site (cooperative education). Please contact the advisor for more departmental information.

GENERAL INFORMATION

Students in the FHS program must not have been convicted of any crimes against children; should exhibit the maturity and emotional stability required to take charge of a group of pre-school children; and possess sufficient health and strength to lift a child.

CAREER OPPORTUNITIES

Students specializing in early childhood will be prepared to work with children in family child care or child care centers as teachers and/or directors.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied with a C or better before the designated class may be taken.

LABS

It is important that students have the opportunity to apply the theories and practices discussed in the classroom. To this end, several of the FHS classes require weekly labs working with young children in the lab. Lab students must provide evidence of a TB test, health evaluation and Food Handler's Permit within two weeks of starting a lab course.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1050	College Algebra	4	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC ____		1	A	none
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STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS (18 CREDITS)**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
(Take a BIOL GE w/a lab for transfer.)			
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (22 CREDITS)

COURSE	CR	SEM	PREREQUISITES
FHS 1500 Human Develop	3	A	none
FHS 2500 Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2600 Intro to ECE	3	F, Sp	w/FHS 0010
FHS 2610 Child Guidance	3	F, Sp	w/FHS 0010
FHS 2620 Creative Learnin	3	F	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2800 Practicum Tch	5	F, Sp	FHS 2500, FHS 2620, w/FHS 2820 approval
FHS 2820 Teaching Sem	2	F, Sp	FHS 2500, FHS 2620, w/FHS 2820 approval

NOTE: FHS 0010 is a two hour per week lab.

ELECTIVES (8 CREDITS)

EDU 2600 Intro Special Ed	3	F, Sp	none
FHS 1320 Hlth Sfty Nut	2	F	none
*FHS 1900 Spec Topics	1-2	F, Sp	approval
*FHS 2000 CO-OP	1-2	F, Sp	approval
FHS 2020 SpecStudies CDA Cmp	3	A	CDA Credential
FHS 2300 Administration	2	Sp	none
FHS 2330 Mth Scnce Chld	2	F	FHS 2600
FHS 2350 Art Music Chld	2	F	FHS 2600
FHS 2400 Marage Fam Rel	3	A	none
FHS 2550 Infnt Grwth Dev	2	Sp	FHS 1500
FHS 2570 Grwth Dev 6-12	2	Sp	FHS 1500
FHS 2630 Media for Chld	2	Sp	FHS 2600
FHS 2640 Wrkng w/Parents	2	F	none

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
FHS 1500	3		FHS 2500	3	
FHS 2600	3		FHS 2610	3	
HLAC	1		DISTRIBUTION	6	
AMERICAN INST	3		TOTAL	15	
STUDENT CHOICE	3				
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FHS 2620	3		FHS 2800	5	
MATH 1030	3		FHS 2820	2	
DISTRIBUTION	6		DISTRIBUTION	6	
ELECTIVES	6		ELECTIVE	2	
TOTAL	18		TOTAL	15	

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN FAMILY AND HUMAN STUDIES

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

FIN 1380	Financial Math	3	A	MATH 0990 or CPT
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COMMUNICATION

COMM 1010 Elem of Eff Comm 3 A none

HUMAN RELATIONS

FHS 2640 Wrkng w/Parents 2 F none

DISTRIBUTION AREAS

Choose three to six credit hours from two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (31 CREDITS)

COURSE		CR	SEM	PREREQUISITES
BUS 1050	Foundations of Bus	3	A	none
CIS 1020	Computer Essentials	3	A	none
FHS 1500	Human Develop	3	A	none
FHS 2500	Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2600	Intro to ECE	3	F, Sp	w/FHS 0010
FHS 2610	Child Guidance	3	F, Sp	w/FHS 0010
FHS 2620	Creative Learning	3	F	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2800	Prctcum Teach	5	F, Sp	FHS 2500, FHS 2620, w/FHS 2820, instructor's approval
FHS 2820	Teaching Sem	2	F, Sp	FHS 2500, FHS 2620, w/FHS 2800, instructor's approval
MGT 2070	Hu Res Mgmt	3	F, Sp	BUS 1050

NOTE: FHS 0010 is a two hour per week lab.

ELECTIVES (20 CREDITS)

EDU 2010	Intro Special Ed	3	F, Sp	none
FHS 1320	Hlth Sfty Nut	2	F	none
*FHS 1900	Spec Topics	1-2	F, Sp	instructor's approval
*FHS 2000	CO-OP	1-2	F, Sp	instructor's approval
FHS 2020	SpcStudiesCDACmp	3	A	CDA Credential
FHS 2300	Administration	2	Sp	none
FHS 2330	Mth Scnce Chld	2	F	FHS 2600
FHS 2350	Art Music Chld	2	F	FHS 2600
FHS 2400	Marage Fam Rel	3	A	none
FHS 2550	Infnt Grwth Dev	2	Sp	FHS 1500
FHS 2570	Grwth Dev 6-12	2	Sp	FHS 1500
FHS 2630	Media for Chld	2	Sp	FHS 2600

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
BUS 1050	3	COMM 1010	3
ENGL 1010	3	FHS 2500	3
FHS 1500	3	FHS ELECTIVES	5
FHS 2600	3	FIN 1380	3
FHS 2610	3	MGT 2070	3
DISTRIBUTION	3	TOTAL	17
TOTAL	18		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CIS 1020	3	FHS 2800	5
FHS 2620	3	FHS 2820	2
FHS 2640	2	ELELCTIVES	8
ELECTIVES	8	TOTAL	15
TOTAL	16		

**CERTIFICATE OF COMPLETION/^{CTE}
FAMILY AND HUMAN STUDIES**

(minimum 36 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
REQUIRED COURSES				
COMM 1010	Intro to Comm	3	A	none
OR				
COMM 1020	Princpls of Pub Spk	3	A	none
MATH 1030	Quant Reasoning	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010
OR				
MATH 1050	College Algebra	4	A	MATH 1010
OR				
FIN 1380	Financial Math	3	A	MATH 0990
FHS 0010	Supervised Lab Exp	0	A	none
FHS 1500	Human Develop	3	A	none
*FHS 2500	Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
*FHS 2600	Intro to ECE	3	F, Sp	w/FHS 0010
*FHS 2610	Child Guidance	3	F, Sp	w/FHS 0010
*FHS 2620	Creative Learning	3	F	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2640	Wrking w/Parents	2	F	none
FHS 2800	Prctcum Teach	5	F, Sp	FHS 2500, FHS 2620, w/FHS 2820, instructor's approval
FHS 2820	Teaching Sem	2	F, Sp	FHS 2500, FHS 2620, w/FHS 2800, instructor's approval

Electives 5

*A Lab at the Eccles Lab School must be taken with the following courses: FHS 2500, FHS 2600, FHS 2610, FHS 2620.

NOTE: FHS 0010 is a two hour per week lab.

ELECTIVES (5 CREDITS)

EDU 2010	Intro Special Ed	3	F, Sp	none
FHS 1320	Hlth Sfty Nut	2	F	none
*FHS 1900	Spec Topics	1-2	F, Sp	instructor's approval
*FHS 2000	CO-OP	1-2	F, Sp	instructor's approval
FHS 2300	Administration	2	Sp	none
FHS 2330	Mth Scnce Chld	2	F	FHS 2600
FHS 2350	Art Music Chld	2	F	FHS 2600
FHS 2400	Marage Fam Rel	3	A	none
FHS 2550	Infnt Grwth Dev	2	Sp	FHS 1500
FHS 2570	Grwth Dev 6-12	2	Sp	FHS 1500
FHS 2630	Media for Chld	2	Sp	FHS 2600

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
FHS 0010	0	FHS 2500	3
FHS 1500	3	FHS 2800	5
FHS 2600	3	FHS 2820	2
FHS 2610	3	ELECTIVES	5
FHS 2620	3	MATH 1030	3
FHS 2640	2	OR	
COMM 1010	3	MATH 1040	3
OR		OR	
COMM 1020	3	MATH 1050	4
TOTAL	17	TOTAL	18-19

CHILD DEVELOPMENT^{CTE} ASSOCIATE CREDENTIAL

(minimum 10 credits required)

The Family and Human Studies department offers coursework that can be applied toward completion of the child development associate credential (CDA). The CDA credential is a nationally recognized, competency-based educational program offered by The Council for Early Childhood Professional Recognition. Credits earned as part of the CDA program transfer seamlessly into certificate and degree programs.

Students who are unfamiliar with the CDA program are encouraged to meet with a faculty advisor before starting the program. For more information about the CDA program, contact:

2460 16TH STREET, NW
WASHINGTON, D.C. 20009-3575
OR CALL TOLL FREE 1-800-424-4310

The child development associate credential requires, within the past five years, 120 contact hours of formal training and 480 contact hours working directly with children as a lead caregiver. Students wishing to complete the CDA credential should be working either full- or part-time in a state approved child development center or family child care home.

MAJOR COURSE REQUIREMENTS

FHS COURSE REQUIREMENTS			CR	SEM	PREREQUISITES
FHS	1500	Human Develop	3	A	none
FHS	1900	Spec Topics	1-2	F, Sp	approval
FHS	2600	Intro to ECE	3	F, Sp	w/FHS 0010
FHS	2610	Child Guidance	3	F, Sp	w/FHS 0010

FASHION INSTITUTE SEE CONTINUING EDUCATION.

FIELD MACHINIST TECHNOLOGY APPRENTICESHIP SEE APPRENTICESHIPS.

FILM

SEE FINE ARTS; ALSO SEE FILM PRODUCTION TECHNICIAN.

FILM PRODUCTION TECHNICIAN

Estimated cost of books and supplies per semester is comparable to other AAS programs. Classes requiring registration for a lab may require a small replacement and disposable fee to cover the cost of the student's use of facilities and supplies.

General Information: (801) 957- 4130
Academic Advisor SC 240 (801) 957-4294
<http://www.slcc.edu/performingarts>

THE PROGRAM

The Film Production Technician program provides students with the specialized knowledge required to perform a wide variety of tasks encountered in the professional world of production.

Students master skills required to be competitive for technical positions in Utah's local film industry. Such skills will include the interpretation of technical terms and functions, the operation of camera equipment, and understanding film and video stock, scene composition, lighting, and audio. Students will learn to create a production design, operate production vehicles, and edit productions.

Students may train for various film industry positions such as camera operator, audio operator, floor director, video/film editor, art director, sound recordist, light technician, special effects and motion graphic artist.

The Salt Lake Community College program involves students with full time faculty as well as expert film industry professionals who teach courses within their areas of expertise. The local film industry is highly supportive of efforts to train people in these areas and will provide internship opportunities for SLCC students.

Work in this profession is often fast paced, emotionally and physically demanding and often involves long hours but is highly rewarding. Students will need to establish their reputations within the corporate and commercial film industry and salaries vary widely depending on the type of work performed and the level of experience required.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the current class schedule for availability of courses at all sites for day/evening/weekend availability and for modification caused by varying enrollments.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN FILM PRODUCTION TECHNICIAN

(minimum 65-67 credits required)

GENERAL EDUCATION REQUIREMENTS (16 CREDITS)

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	none
QUANTITATIVE LITERACY				
MATH 1010	Inter Algebra	4	A	MATH 0990 or CPT score
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none

HUMAN RELATIONS 3

See pp. 24-25 for options in this categories.

DISTRIBUTION AREAS

Choose an additional three credits from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ART 1310	Basic Photography	4	A	none
COMM 2500	Elem/Iss Dig Med	4	A	none
FLM 1030	Intro to Film Tech	4	A	none
FLM 1040	Basic Production	2	F	w/FLM 1041
FLM 1041	Basic Prod. Lab	2	F	w/FLM 1040
FLM 1060	Camera Technology	3	Sp	FLM 1040, w/FLM 1061
FLM 1061	Camera Techn Lab	2	Sp	FLM 1041, w/FLM 1060

FINANCE AND CREDIT

FLM	1800	Digital Media Essent	4	A	none
FLM	2010	Film Dir.for Techs	2	Sp	FLM 1040, FLM 1060, w/FLM 2011
FLM	2011	FilmDir.forTechs L	2	Sp	w/ FLM 2010
FLM	2030	Doc/Ind Film Prod.	2	F	none
FLM	2040	Post-Production	2	F	FLM 1060, w/ FLM 2041
FLM	2041	Post-Production L	2	F	FLM 1061, w/ FLM 2040
FLM	2060	Motion Pict Sound	3	Sp	w/FLM 2061
FLM	2061	Mo Pict Sound Lab	2	Sp	w/FLM 2060
FLM	2070	Bus Mgt & Admin	3	F	none
FLM	2700	AdvPhys Prod	2	Sp	FLM 2030, w/ FLM 2701
FLM	2701	AdvPost-Prod Lab	2	Sp	w/ FLM 2700
—	—	Electives	2-4		

ELECTIVES (2-4 CREDITS)

FLM	1070	Film And Culture	4	TBA	none
FLM	1900	Independent Stud	1-2	TBA	Instructor's approval
*FLM	2750	FilmProd Intrnshp	3	F, Sp	FLM 2030, FLM 2040
THEA	2443	Mus Theatre Perf	3	TBA	THEA 1033 or instructor's approval
THEA	1160	Techl Theatre I Lab	3	TBA	w/THEA 1513
THEA	1513	Stagecraft	3	TBA	w/THEA 1160
THEA	1190	Production	3	F, Sp	none
THEA	1223	Make-Up	3	TBA	none
THEA	2350	Prosthetics	3	TBA	THEA 1223
THEA	2520	Creative Dramatics	2	TBA	none

*Recommended

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	MATH	1010	4
FLM	1030	4	FLM	1060	3
FLM	1040	2	FLM	1061	2
FLM	1041	2	FLM	1800	4
ART	1310	4	FLM	2010	2
TOTAL		15	FLM	2011	2
			TOTAL		17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
COMM	1010	3	COMM	2500	4
FLM	2030	2	FLM	2060	3
FLM	2040	2	FLM	2061	2
FLM	2041	2	FLM	2700	2
FLM	2070	3	FLM	2701	2
DISTRIBUTION		3	HMN RELATIONS		3
ELECTIVE (FLM 2750 RECOM)		3	TOTAL		16
TOTAL		18			

FINANCE AND CREDIT

Business Building 105 (801) 957-4325

General Information (801) 957-4073

Academic Advisor BB 132A (801) 957-4323

Advising Appointments (801) 957-4300

<http://www.slcc.edu/financeandcredit/>

Professors: Joseph R. Howell, Jr., K. T. Magnusson, Terry Stokes.

Associate Professor: Robert Nigohosian, Dennis Wilson

Assistant Professor: A. Marlon Andrus

Instructor: Joy Holumyong

THE PROGRAM

The need for sound financial investments will grow because monetary transactions are and will continue to be the life-blood of every business and organization. The course work prepares students for various career paths including the financial service industry (banks, savings and loans, credit unions, mortgage and thrift companies), commercial and retail credit analysis, credit granting and collections. In addition, finance and credit majors can apply their skills in other areas such as cash management, insurance, real estate,

brokerage and investment activities of financial management. Additionally, training in accounting, computer application, economics, business management and communication skills is emphasized as part of the finance program.

The Finance and Credit Certificate and Associate of Applied Science degree are designed to provide training for employment as financial service representatives, consumer lenders, mortgage loan processors, insurance assistant underwriters, credit clerks and others. Students who are interested in pursuing courses leading to a Bachelor's degree in Finance should follow courses listed in Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

General Education and elective courses provide training in effective oral and written communication and human relation skills. BUS 1050 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

The Finance and Credit associate degree program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

PREPARATION NOTE

The classes designed to assist students in reaching the necessary skill level to enter the certificate and degree programs are MATH 0990 (Elementary Algebra) and CIS 1020 (Computer Applications). Any class in the preparatory skills may be waived if the student can demonstrate equivalent skills.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review the information at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>. An 84% or higher is required on each section of the test.

ELECTIVE OPTIONS

Cooperative Education is the College's strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from FIN 2000 is applied toward graduation requirements as finance elective credit. Students are eligible for FIN 2000 Co-op after completion of a minimum of 12 credits of Finance courses.

The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Education at (801) 957-4014.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE DEGREE IN FINANCE AND CREDIT

(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE LITERACY

FIN	1380	Financial Math	3	A	MATH 0990 or CPT
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COMMUNICATION

BUS	2200	Bus Communications	3	A	ENGL 1010 w/C or better
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HUMAN RELATIONS

MKTG	1960	Prof in Business	3	A	none
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DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (IN)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Interdisciplinary: except BUS 1050, FIN 1050 and MKTG 1050 (if using as an elective.)

ECON 1010 is recommended for Social Science.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT	2010 Survey Fin Acct	3	A	none
ACCT	2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS	1050 Foundations of Bus	3	A	none
MKTG	1010 Cust Serv Tech	2	A	none
ECON	2010 Microeconomics	3	A	none
ECON	2020 Macroeconomic	3	A	none
FIN	1050 Personal Financ	3	A	none
FIN	1210 Princ of Banking	2	F, Sp	none
FIN	2040 Financial Mngmt	3	Sp	ACCT 2020
FIN	2100 Intro to Invstmnt	3	F, Sp	FIN 1050
FIN	2200 Personal Fin Pln	3	Sp	FIN 1050
FIN	2210 Credit and Collections	2	A	ACCT 1110 or ACCT 2010
FIN	2950 Exec Lectures I	1	Sp	none
MGT	2050 Legal Env Bus	3	A	BUS 1050
_____	_____ Fin/Non Fin Elec	10		

FINANCE AND CREDIT ELECTIVES (7 CREDITS MINIMUM)

*ECON	1010	Economics Soc	3	A	none
ECON	1400	Econ Hist Am Lb	3	Sp	HIST 1700 or ECON 1740
ECON	1740	Econ Hist of US	3	A	none
ECON	2100	Labor Economic	3	F, Sp	ECON 2010 and ECON 2020
ECON	2200	Money & Bankng	3	Sp	ECON 2010, ECON 2020
ECON	2400	Intl Econ/Fin	3	F	ECON 2010, ECON 2020
ECON	2990	Special Studies	1-3	TBA	instructor's approval
FIN	2000	CO-OP	1-3	A	instructor's approval
FIN	2150	Mutual Funds	3	Sp	FIN 1050 or instructor's approval
FIN	2220	Fin Stmt Analysis	2	F, Sp	ACCT 1120, or ACCT 2010 and FIN 2210 or concurrent
FIN	2240	Credit Law	2	F, Sp	FIN 2210
FIN	2960	Executive Lect II	1	Sp	FIN 2950
FIN	2990	Spec Std Financ	1-3	TBA	instructor's approval

*ECON 1010 can be taken for Social Science General Education OR Finance and Credit electives. Credit will apply to only one of the two areas.

NON-FINANCE AND CREDIT ELECTIVES (3 CREDITS MAXIMUM)

BUS	1910	PBL Sp Projects	2	TBA	none
BUS	1100	Calculus for Bus	3	A	MATH 1050 or MATH 1090
MKTG	1030	Intro to Marketing	3	A	none

**MKTG	1050	Consumerism	3	A	none
MKTG	1480	Sales	3	Sp	none
MGT	2040	Business Stat I	3	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT	2600	Intl Trade & Bus	3	Sp	BUS 1050 or ECON 2020
*MGT	2950	Entrepreneur For	1	F	none

*Cannot be taken if FIN 2960 taken as a Finance elective.
 **Cannot be taken for both ID General Education and elective.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS	1050	3	ACCT	2010	3
MKTG	1010	2	ECON	2010	3
FIN	1050	3	ENGL	1010	3
FIN	1210	2	FIN	2100	3
FIN	2950	1	FIN ELECTIVES		5
DISTRIBUTION		6	TOTAL		17
TOTAL		17			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT	2020	3	FIN	2040	3
BUS	2200	3	FIN	2200	3
ECON	2020	3	FIN ELECTIVE		2
FIN	1380	3	NON FIN ELECTIVE		3
FIN	2210	2	MKTG	1960	3
MGT	2050	3	TOTAL		14
TOTAL		17			

CERTIFICATE OF COMPLETION/^{CTE} FINANCE AND CREDIT

(minimum 34 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT	2010 Survey Fin Acct	3	A	none
BUS	1050 Foundations of Bus	3	A	none
BUS	2200 Bus Communications	3	A	ENGL 1010 w/C or better
MKTG	1010 Cust Serv Tech	2	A	none
ENGL	1010 Intro to Writing	3	A	pre-test
FIN	1050 Personal Fin	3	A	none
FIN	1380 Financial Math	3	A	MATH 0990 or CPT
FIN	2950 Exec Lectures I	1	Sp	none
FIN	_____ Electives	10		

CHOOSE ONE OF THE FOLLOWING:

ECON	2010	Microeconomics	3	A	none
OR					
ECON	2020	Macroeconomics	3	A	none

FINANCE ELECTIVES (10 CREDITS)

BUS	1910	PBL Sp Projects	2	TBA	none
ECON	1010	Economics Soc Sci	3	A	none
ECON	1400	Econ Hist Am Lb	3	Sp	HIST 1700 or ECON 1740
ECON	1740	Econ Hist of US	3	A	none
*ECON	2010	Microeconomics	3	A	none
*ECON	2020	Macroeconomics	3	A	none
ECON	2100	Labor Economics	3	F, Sp	ECON 2010 and ECON 2020
ECON	2400	Intl Econ/Fin	3	F	ECON 2010 or ECON 2020
FIN	1210	Principles Bankg	2	F, Sp	none
FIN	2000	CO-OP	1-3	A	2.0 GPA with study related employment
FIN	2150	Mutual Funds	3	Sp	FIN 1050 or instructor's approval
FIN	2200	Personal Fin Pln	3	Sp	FIN 1050
FIN	2210	Princ of Bus Credit	2	A	ACCT 1110 or ACCT 2010
FIN	2960	Executive Lect II	1	F, Sp	FIN 2950
FIN	2990	Spec Std Financ	1-3	TBA	approval
MGT	2050	Legal Env of Bus	3	A	BUS 1050

*Whichever one is not used to satisfy the Core Requirement.

SAMPLE SCHEDULE					
FALL SEMESTER			SPRING SEMESTER		
BUS	1050	3	ACCT	2010	3
MKTG	1010	2	BUS	2200	3
ENGL	1010	3	FIN	1380	3
FIN	1050	3	FIN	2950	1
FIN ELECTIVES		6	FIN ELECTIVES		4
TOTAL		17	ECON	2010	3
			OR		
			ECON	2020	3
			TOTAL		17

FINE ARTS

See Visual Art and Design for courses such as: airbrush, animation, calligraphy, computer-assisted design, drawing, graphic design, illustration, jewelry, multimedia, offset printing, painting, photography, pottery, screen printing, typography, and layout.

South City Campus N109 (801) 957-4130
General Information (801) 957-4073
Academic Advisor SC 240 (801) 957-4294

Associate Professors: Tess Boone, Helen Stringham
Assistant Professor: Lyle Archibald, Craig Ferrin, Frank Gerrish
Instructor: Jon Clark

THE PROGRAM

The Fine Arts Department includes courses in dance, film, music and theater. Courses are designed to support creative expression with the primary goal of developing students who are willing to take risks and discover a personal voice. The department is committed to the artistic process through a disciplined understanding and practice of the theory, techniques and skill of the performing arts. To that end, courses guide students from theoretical knowledge, through practical skill, to performance. Most courses are transferable and students interested in pursuing a four-year degree in dance, film, music or theater should contact the academic advisor. Courses which can be repeated for credit may be repeated for a maximum of six credits. THEA 1190 and THEA 1900 may be repeated as often as desired. Performing arts scholarships are available. Interested students should contact the division office or the Financial Aid Office.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisites for each class. Those prerequisites must be satisfied before the designated class may be taken.

BOOKS AND SUPPLIES

Cost of supplies and texts are comparable with other General Education classes at approximately \$40 per text. Some courses may require concert/play attendance.

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
DANCE				
DANC 1010	Dance & Culture (FA,DV)	3	A	none
DANC 1090	Bridging the Arts (FA)	3	A	none
DANC 1100	Intro Ballet I (FA)	3	A	none
DANC 1110	Ballet II	2	F, Sp	DANC 1100 or instructor's approval
DANC 1200	Intro Mod Dnc I (FA)	3	A	none
DANC 1210	Modern Dance II	2	F, Sp	DANC 1200 or instructor's approval
DANC 1500	Intro Jazz Dnc I (FA)	2	A	none
DANC 1510	Jazz Dance II	2	F, Sp	DANC 1500 or instructor's approval
DANC 1580	Intro Tap Dnc I	2	F, Sp	none
DANC 1590	Tap Dance II	2	Sp	DANC 1580 or instructor's approval
DANC 1800	SLCC Dance Co	1	F, Sp	audition only
DANC 1700	Mod Imp/Chor	1	F	DANC 1200 or instructor's approval

DANC 1900	Special Projects	1-2	F, Sp	Department approval
DANC 2100	Ballet III	2	F	DANC 1110 or instructor's approval
DANC 2110	Ballet IV	2	Sp	DANC 2100 or instructor's approval
DANC 2200	Mod Dance III	2	F	DANC 1210 or instructor's approval
DANC 2210	Mod Dance IV	2	Sp	DANC 2200 or instructor's approval
DANC 2300	Jazz Dance III	2	F	DANC 1510 or instructor's approval
DANC 2310	Jazz Dance IV	2	Sp	DANC 2300 or instructor's approval
DANC 2400	Tap Dance III	2	Sp	DANC 1590 or instructor's approval
DANC 2700	Dnc Imp/Chor II	1	Sp	DANC 1700
DANC 2900	Special Topics	1-2	Sp	department approval
DANC 2990	Perf Arts Con	2	Sp	department approval

FILM

(SEE ALSO "FILM PRODUCTION TECHNICIAN" PROGRAM.)

COURSE		CR	SEM	PREREQUISITES
FLM 1023	Intro to Film (FA)	4	A	none
FLM 1030	Intro to Film Tech	4	A	none
FLM 1031	Production Proj II	2	Sp	FLM 1030
FLM 1040	BasicPrd f/FilmTch	2	F	w/FLM 1041
FLM 1041	BasProd FlmTech L	2	F	w/FLM 1041
FLM 1060	Camera Technol	3	Sp	FLM 1040, w/FLM 1061
FLM 1061	Camera Technol Lb	2	Sp	FLM 1041, w/FLM 1060
FLM 1070	Film & Culture (FA, DV)	4	A	none
FLM 1100	Acting f/Camera	1	A	Concurrent w/FLM 1101
FLM 1101	Acting f/Cam. Lab	3	A	Concurrent w/FLM 1100
FLM 1110	Voice&Spch f/Actor	3	A	none
FLM 1200	Acting f/Camera II	1	A	FLM 1100
FLM 1201	Acting f/Cam. II L	3	A	FLM 1101
FLM 1800	Multimed Essentials	4	A	none
FLM 1900	Indep Studies	1-2	TBA	instructor's approval
FLM 2010	UndFlmDir f/Tech	2	Sp	w/FLM 2011
FLM 2011	UndFlmDirf/Tch L	2	Sp	w/FLM 2010
FLM 2030	Doc&Ind FlmProd.	2	F	none
FLM 2040	Technical Post-Prod	2	F	FLM 1060, w/FLM 2041
FLM 2041	Tech Post-Prod Lab	2	F	FLM 1061, w/FLM 2040
FLM 2060	MoPicSound f/Tch	3	Sp	w/FLM 2061
FLM 2061	MoPicSnd f/Tch L	2	Sp	w/FLM 2060
FLM 2070	Bus f/FilmProd	3	F	none
FLM 2200	Intro Flm Crit	4	A	ENGL 1010, LM 1023, THEA 1023 or FLM/THE 1070
FLM 2700	AdvProd f/Tech L	2	Sp	FLM 2030, w/FLM 2701
FLM 2701	AdvPst-Prd f/TchL	2	Sp	w/FLM 2700
FLM 2750	FlmProd Intrnshp	3	F, Sp	FLM 2030, FLM 2040
FLM 2800	Acting f/Directors	1	F	Concurrent w/FLM 2801
FLM 2801	Acting f/Direct Lab	2	F	Concurrent w/FLM 2800
FLM 2900	Special Topics	1-3	TBA	instructor's approval

FINE ARTS

COURSE		CR	SEM	PREREQUISITES
ART 1010	Exploring Art (FA)	3	A	none
ART 1020	Intro to Draw (FA)	3	A	none
ART 1050	Intro to Photog (FA)	3	A	none
ART 1060	Calligraphy (FA)	3	A	none
FA 1050	Photography (FA)	3	A	none
FA 1080	Basic Metal Sclpt(FA)	3	A	none
FA 1090	Bridging the Arts (FA)	3	A	none

MUSIC

(SEE ALSO "MUSIC" DEGREE PROGRAM.)

COURSE		CR	SEM	PREREQUISITES
MUSC 0990	Recital Attend	0	A	none
MUSC 1010	Intro to Music (FA)	3	A	none
MUSC 1050	Songwriting I	2	F, Sp	none
MUSC 1060	Songwriting II	2	Sp	MUSC 1050
MUSC 1090	Bridging the Arts (FA)	3	A	none
MUSC 1145	Intro to Piano	2	F	none
MUSC 1150	Group Piano I	1	F, Sp	none
MUSC 1160	Group Piano II	1	Sp	MUSC 1150
MUSC 1210	Music in Hist I (FA)	3	F	none
MUSC 1220	Music in Hist II (FA)	3	Sp	none
MUSC 1310	Group Voice I	2	A	none
MUSC 1350	College Chorale	1	F, Sp	none
MUSC 1360	College Chorale	0	F, Sp	none
MUSC 1370	Concert Choir	1	F, Sp	audition
MUSC 1380	Chamber Singers	1	F, Sp	audition
MUSC 1390	South City Jazz	1	F, Sp	audition
MUSC 1410	Bell Choir	1	A	able to read music
MUSC 1420	Eight Bells	1	A	Experience in bell ringing or instructor permission
MUSC 1450	Bruin Band	1	TBA	none
MUSC 1460	Chamber Ensm	1	F, Sp	audition
MUSC 1470	Jazz Band	1	F, Sp	none
MUSC 1480	Guitar Ensembl	1	F, Sp	audition
MUSC 1100	Intro Mus Theory	2	F, Sp	none
MUSC 1110	Music Theory I	3	F	w/MUSC 1130
MUSC 1130	SS and Ear I	1	F	w/MUSC 1110
MUSC 1120	Music Theory II	3	Sp	MUSC 1110, w/MUSC 1140
MUSC 1140	SS and Ear II	1	Sp	MUSC 1130, w/MUSC 1120
MUSC 1610	Group Guitar I	2	A	none
MUSC 1620	Group Guitar II	2	F, Sp	MUSC 1610
MUSC 1660	Frtbrd Theory I	2	F	none
MUSC 1670	Frtbrd Theory II	2	Sp	MUSC 1660
MUSC 1710	Priv Guitar Inst	1	F, Sp	none
MUSC 1730	Private Piano	1	A	instructor's approval
MUSC 1750	Private Voice	1	F, Sp	none
MUSC 1900	Special Projects	1-2	F, Sp	instructor's approval
MUSC 2350	Fundmtl Conducting	2	Sp	MUSC 1120
MUSC 2110	Music Theory III	3	F	MUSC 1120, w/MUSC 2130
MUSC 2130	SS and Ear III	1	F	MUSC 1140, w/MUSC 2110
MUSC 2120	Music Theory IV	3	Sp	MUSC 2110, w/MUSC 2140
MUSC 2140	SS and Ear IV	1	Sp	MUSC 2130, w/MUSC 2120
MUSC 2900	Special Topics	1-3	TBA	none
MUSC 2990	Perf Arts Connct	2	Sp	instructor's approval

THEATER

COURSE		CR	SEM	PREREQUISITES
THEA 1013	Survey Theater (FA)	3	A	none
THEA 1023	Intro to Film	4	A	none
THEA 1070	Film and Culture	4	A	none
THEA 1090	Bridging the Arts (FA)	3	A	none
THEA 1033	Acting I-Basic	3	A	none
THEA 2033	Acting II-Scene	3	A	THEA 1033
THEA 2443	Music Theater	3	TBA	THEA 1033
THEA 1160	Tech I Lab	3	TBA	w/THEA 1513
THEA 1170	Tech II Lab	3	TBA	w/THEA 1560
THEA 1171	Tech III Lab	3	TBA	w/THEA 2513
THEA 1513	Tech I Stagecraft	3	TBA	w/THEA 1160
THEA 1190	Production	3	F, Sp	none
THEA 2513	Tech III Design	3	TBA	THEA 1160, THEA 1513, w/THEA 1171, THEA 1560
THEA 1560	Tech II Light/Sd	3	TBA	w/THEA 1170, THEA 1513
THEA 1900	Special Projects	1-2	A	instructor's approval
THEA 2150	Acting III-Aud	3	TBA	THEA 1033
THEA 2200	Intro Flm Crit	4	F, Sp	ENGL 1010, THEA 1023 or THEA 1070

THEA 1223	Make-up	3	TBA	none
THEA 2520	Creative Drama	2	TBA	none
THEA 2900	Special Topics	1-3	TBA	none
THEA 2990	Perf Arts Connec	2	Sp	instructor's approval

FITNESS TECHNICIAN

Estimated cost of books and supplies per semester \$170

General Information (801) 957-4073
Academic Advisor (801) 957-4294
Department of Health and Lifetime Activities
LAC 225 (801) 957-5013
<http://www.slcc.edu/fitnessstech/>

Associate Professor: Soni Adams

THE PROGRAM

The Fitness Technician Program is designed to train students to meet the growing demand in the fitness profession for personal trainers and group exercise instructors. Students may choose from either personal trainer or group exercise instructor track.

Core courses include training in nutrition, first-aid, wellness concepts, kinesiology, exercise physiology, weight management, fitness motivation, principles of weight training and principles of flexibility. The elective courses specialize in the areas of either personal training or group exercise instruction. An internship of 120 hours for the personal trainer and 80 hours for the group exercise instructor track, is required to complete the degree.

Successful completion of the program prepares the graduate to sit for certifications from various fitness associations including (but not limited to): the National Strength and Conditioning Association - Certified Personal Trainer (NSCA-CPT), the American Council on Exercise (ACE) and the Aerobic and Fitness Association of America (AFAA).

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN FITNESS TECHNICIAN

(minimum 66-68 credit hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS (13 CREDIT HOURS MINIMUM)				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY				
FIN 1380	Financial Math	3	A	MATH 0990 or CPT
OR				
Any MATH 1000 or higher				
COMMUNICATION				
COMM 1010	Elem of Eff Comm	3	A	none
HUMAN RELATIONS				
MKTG 1960	Prof in Business	3	A	none
OR				
MKTG 1010	Cstmr Srvce Tech	2	A	none
DISTRIBUTION AREAS				
Choose an additional three credit hours from one of the following distribution areas:				
*Biological Science (BS)		3	A	none
Fine Arts (FA)		3	A	none
Humanities (HU)		3	A	none
*Interdisciplinary (IN)		3	A	none

FITNESS TECHNICIAN

Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

*Except BIOL 1010, HLTH 1050 and HLTH 1500.
See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (38 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
BIOL 1110 Intro HumanAnat	3	A	none
HLAC 1062 Flxbilty f/Fitness	1	F, Sp	none
HLAC 2110 Pnples Weight Trng	1	F, Sp	none
HLTH 1020 Fndtions Nutrition	3	A	none
HLTH 1105 BodyImage/Wt Mgt	2	F, Sp	none
HLTH 1200 Frst Aid/Safety	3	A	none
HLTH 1250 Stress Management	2	A	none
HLTH 1400 IntroPrsnlTrn/GrpEx	2	F, Sp	none
HLTH 1405 Eval&AssessmFitness	3	F, Sp	none
HLTH 1500 Lifetm Wellnss/Fitnss	3	A	none
HLTH 2021 Nutrition f/Fitness/Sport	3	F, Sp	HLTH 1020 or HLTH 2020 recommended
HLTH 2100 FtnssMtvtn/BhRsp	3	F, Sp	none
HLTH 2200 Kinesiology	3	A	BIOL 1110
HLTH 2250 Exercise Phys	3	A	BIOL 1110
HLTH 2400 Exer&DmAging	3	F, Sp	none

COMPLETE ONE OF THE FOLLOWING TRACKS:

- PERSONAL TRAINER EMPHASIS
- GROUP EXERCISE INSTRUCTOR EMPHASIS

PERSONAL TRAINER EMPHASIS

(12 ADDITIONAL HOURS REQUIRED)

HLAC 1000 Cardio Fitness	1	A	none
HLAC 1080 Strength Training	1	A	none
HLAC 1096 Fitness for Life	1	A	none
HLTH 2430 Dsigning Trng Prgs	3	F, Sp	HLTH 1400, HLTH 2200
HLTH 2435 Prsnl Fitness Trng	3	F, Sp	HLTH 2430
HLTH 2450 PrsnlTrngInternship	3	A	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	COMM	1010	3
BIOL	1110	3	HLTH	1105	2
HLTH	1020	3	HLTH	1405	3
HLTH	1200	3	HLTH	1500	3
HLTH	1250	2	HLTH	2200	3
HLTH	1400	2	HLAC	1062	1
HLAC	1096	1	HLAC	1080	1
TOTAL		17	TOTAL		16
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FIN	1380	3	MKTG	1960	3
HLTH	2021	3	HLTH	2400	3
HLTH	2100	3	HLTH	2435	3
HLTH	2250	3	HLTH	2450	3
HLTH	2430	3	DISTRIBUTION		3
HLAC	1000	1	TOTAL		15
HLAC	2110	1			
TOTAL		17			

GROUP EXERCISE INSTRUCTOR EMPHASIS

(12 ADDITIONAL HOURS REQUIRED)

HLTH 1410 AerobInstrctrTrning I	3	F, Sp	HLTH 1400 or instructor's approval
HLTH 2410 AerobInstrctrTrningII	3	F, Sp	HLTH 1410 or instructor's approval
HLTH 2420 GrpExerInstrIntrn	2	A	Instructor approval

COMPLETE 4 OF THE 5 FOLLOWING HLAC OFFERINGS:

HLAC 1015 AerobicsII/Spinning	1	A	none
HLAC 1020 AerobicsI/Step	1	A	none
HLAC 1025 AerobicsI/Interval	1	A	none
HLAC 1030 AerobicsII/Kkboxng	1	A	none
HLAC 1057 Yoga I	1	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	COMM	1010	3
BIOL	1110	3	HLTH	1250	2
HLTH	1020	3	HLTH	1405	3
HLTH	1200	3	HLTH	1410	3
HLTH	1400	2	HLTH	1500	3
HLAC	1020	1	HLTH	2200	3
HLAC	1062	1	HLAC	1030	1
TOTAL		16	TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FIN	1380	3	MKTG	1960	3
HLTH	1105	2	HLTH	2021	3
HLTH	2100	3	HLTH	2400	3
HLTH	2250	3	HLTH	2420	3
HLTH	2410	3	DISTRIBUTION		3-6
HLAC	1015	1	TOTAL		15-18
HLAC	2110	1			
TOTAL		16			

FLIGHT TECHNOLOGY

SEE AVIATION TECHNOLOGY/PROFESSIONAL PILOT.

FRENCH

SEE LANGUAGE AND CULTURE.

GED TEST PREPARATION

SEE SKILLS CENTER.

GENEALOGY

SEE CONTINUING EDUCATION.

GENERAL EDUCATION

SEE SKILLS CENTER.

GENERAL STUDIES

Technology Building 319C (801) 957-4280

General Information (801) 957-4073

Academic Advisor (801) 957-4732

<http://www.slcc.edu/gened/index.asp>

THE PROGRAM

The general studies associate of science degree is designed for students who need a composite undergraduate experience for transfer to a specific baccalaureate degree and for those who have an undefined major and seek to transfer for a baccalaureate degree. Students who are undecided about their majors are encouraged to use the general studies core area to further explore their interests by selecting courses from a variety of disciplines. Students who have identified a major may use this area to select classes that satisfy specific prerequisite and pre-major requirements for their intended baccalaureate degree. Students should obtain advice in selecting appropriate courses that will satisfy requirements at four-year institutions.

The AS degree requires a minimum of 63 semester hours of transferable credit with a cumulative grade-point average of 2.0 or better (2.5 or better is recommended). Elective hours may be chosen to coincide with student's chosen emphasis.

PREPARATION NOTE

Students who need to take preparatory classes to meet prerequisites of first semester courses should plan extra time to complete the program. Students wishing to transfer to a specific program at a four-year institution should check with that institution to ensure that only necessary courses are taken. Students pursuing a degree in general studies should consult with academic advisors and/or receiving institutions in selecting core mathematics courses. Usually MATH 1050 is appropriate for students majoring in physical, computational and biological sciences, engineering and other applied science fields; MATH 1030 is appropriate for liberal arts students

and MATH 1040 is appropriate for students majoring in social sciences, behavioral sciences, humanities and the health sciences.

PREREQUISITES

It is the student's responsibility to examine each course description for details on prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Check the semester schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030 Quant Reas	3	A	MATH 1010
OR			
MATH 1040 Statistics	3	A	MATH 1010
OR			
MATH 1050 College Algebra	4	A	MATH 1010

AMERICAN INSTITUTIONS

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(30 CREDITS REQUIRED)

Complete thirty (30) credit hours from any college course numbered 1000 or above. A minimum of six credit hours must be taken from AREA ONE, General Studies Electives and a minimum of six credit hours must be taken from AREA TWO, Vocational/Technical Electives. Complete the remaining 18 credits from either area.

AREA ONE

GENERAL STUDIES ELECTIVES (MINIMUM 6 CREDIT HOURS)

Anthropology	Languages
Biology	Learning Enhancement
Chemistry	Literature
Communication	Mathematics
Dance	Music
Education (Elementary)	Philosophy
English	Physics

Film
Fine Arts
Geography
Geology
History
Humanities

Psychology
Political Science
Social Work
Social Science
Sociology
Theatre

AREA TWO

VOCATIONAL/TECHNICAL ELECTIVES (MINIMUM 6 CREDIT HOURS)

NOTE: some courses may not be eligible for financial aid.

Accounting
Apprenticeship Programs
Architectural Technology
Auto Collision Repair and Refinishing
Automotive Technician
Aviation Technology/Aviation Maintenance Technician
Aviation Technology/Professional Pilot

Barbering/Cosmetology
Biotechnology Technician
Building Construction/Construction Management
Business
Business Management

Computer Information Systems
Computer Science
Cooperative Education (VOC 2000)
Criminal Justice

Dental Hygiene
Diesel Systems Technology
Digital Media Technology

e-Business Technology (see Digital Media Technology)
Economics
Electrical and Instrumentation Technology
Electronics Technology
Engineering
Engineering Design/Drafting Technology
Environmental Technology
Family and Human Studies
Fashion Institute
Finance and Credit
Fitness Technician
Health Science
Heating, Ventilation and Air Conditioning
Heavy Duty Mechanics (see Diesel Systems Technology)
Human Services Specialist
Interior Design

Legal Secretary
Maintenance Mechanics
Marketing Management
Medical Administrative Assistant
Medical Assistant
Medical Laboratory Technician

Non-Destructive Testing Technology
Nursing
Occupational Therapy Assistant

Paraeducation
Paralegal Studies
Pharmacy Technician
Physical Therapist Assistant

Radiologic Technology
Real Estate
ROTC (Aerospace Studies, Military Science)

Social Work
Surgical Technology
Surveying

Therapeutic Recreation Technician

Visual Art and Design
Welding

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
ENGL	1010	3	STUDENT CHOICE	3
MATH	1030	3	ENGL 2010	3
	OR		DISTRIBUTION	6
MATH	1040	3	ELECTIVES	6
	OR		TOTAL	18
MATH	1050	4		
HLAC		1		
AMERICAN INST		3		
ELECTIVES		6		
TOTAL		16-17		
2ND FALL SEMESTER			2ND SPRING SEMESTER	
DISTRIBUTION		6	DISTRIBUTION	6
ELECTIVES		9	ELECTIVES	9
TOTAL		15	TOTAL	15

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY

Science and Industry Building, Room 345 (801) 957-4150
General Information (801) 957-4073
Academic Advisor (801) 957-4184
<http://www.slcc.edu/gis>

Associate Professors: Dorleen Jensen

THE PROGRAM

The Geographic Information Science Technology program provides students with skills in Geographic Information Science Technology, using ESRI software. GIS related employment is one of the fastest growing areas in today's work place. A Geographic Information System (GIS) is a powerful tool designed to work with data referenced by spatial or geographic coordinates. This system captures, stores, checks, integrates, manipulates, analyzes and displays data. The data is spatially referenced to the earth. Geographic Information Sciences use GIS tools along with remote sensing, aerial photography, photogrammetry, and others to capture, store, retrieve, analyze, model and display data.

The unique application of GIS appeals to students' interest in numerous academic/economic sections including but not limited to the following, Marketing, Urban Planning, Public Safety, Criminal Justice, Law Enforcement, Medicine, Forestry, Bureau of Land Management, Transportation, Environmental Studies, Emergency Preparedness, Archeology, and Public Utilities. These entities are only a small sample of the ubiquitous nature of GIS.

This proposed program is comprised of 39 credit hours of core courses in the areas of GIS, Geography, Geology, Environment, Meteorology, and Statistics. Ten to thirteen (10-13) credit hours of complementary science courses are included as electives along with fifteen (15) credit hours of general education.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a degree. ACT or CPT placement exams are designed to assist in determining which preparatory classes may be appropriate for each student.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY

(minimum 67 hours required)

GENERAL EDUCATION REQUIREMENTS (18 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
MATH 1030 Quant Reasoning	3	A	MATH 1010
COMMUNICATION			
COMM 1010 Elem Eff Comm	3	A	none
OR			
COMM 1020 Principles of Pub	3	A	none
HUMAN RELATIONS			
LE 1220 Human Relations	3	A	none

DISTRIBUTION AREAS (6 CREDIT HOURS)

Choose one course (three credit hours) from two of the following distribution areas.

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

CHEM 1010 and/or PHYS 1010 recommended for Physical Science.
See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (39 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surf Env	3	A	none
GEO 1060 Envr Geology	3	Sp	w/GEO 1165
GEO 1065 Envr Geol Lab	1	Sp	w/GEO 1160
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1700 Natural Disasters	3	F	none
GEOG 2100 Maps/Measurem	5	Sp	none
GEOG 2200 Urbn/Envr Issues	3	Sp	none
GIS 1800 Intro to GIS	3	A	none
GIS 1820 Applied GIS (ID)	3	A	GIS 1800 or Instructor Approval
GIS 2920 Contemp Studies	3	Sp	GEOG 1820 or Instructor Approval
MATH 1040 Intro to Statistics	3	A	MATH 1010 or CPT
MET 1010 Intro to Meteorol	3	A	none

ELECTIVES (10 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*CHEM 1010 Intro to Chem	3**A		none
ENVT 1050 Intro to Envr Tech	3	Sp	none
ENVT 1100 Waste Treatment	3	Sp	CHEM 1010
*GEO 2350 Fld Studies Geol	3	Su	Instructor Approval
GEO 1220 Historical Geol	3	Sp	w/GEO1225
GEO 1225 Histl Geol Lab	1	Sp	w/GEO1220

GEOG 2000	Geography Co-op	2-4	A	Instructor Approval
*GIS 2900	Indep Projects	1-3	A	Instructor Approval
MATH 1050	College Algebra	4	A	MATH 1010 or CPT
*MATH 1060	Trigonometry	3	A	Math 1050
PHYS 1010	Elem Physics	3**A	none	
SVT 1110	Surveying Math	4	F	MATH 1010 or CPT
SVT 1030	Surveying	3	Sp	SVT 1110 or MATH 1060

* Recommended

**Students who choose to fulfill the PS distribution area with courses other than these should still consider the courses with ** as highly recommended for elective credit.

SAMPLE SCHEDULE				
FIRST SEMESTER			SECOND SEMESTER	
ENGL 1010	3		COMM 1010	3
LE 1220	3		OR	
MATH 1030	3		COMM 1020	3
GIS 1800	3		GEOG 2100	5
GIS 1820	3		GEO 1160	3
TOTAL	18		GEO 1165	1
			GIS ELECTIVES	3
			TOTAL	18
THIRD SEMESTER			FOURTH SEMESTER	
CHEM 1010	3		GIS 2920	3
PHYS 1010	3		GIS ELECTIVES	6
GEOG 1300	3		MATH 1040	3
MET 1010	3		TOTAL	15
GIS ELECTIVE	1-3			
TOTAL	13-15			

GEOGRAPHY

SEE GEOSCIENCES.

GEOLOGY

SEE GEOSCIENCES.

GEOSCIENCES

Science and Industry Building, Room 345, (801) 957-4150
 General Information (801) 957-4073
 Academic Advisor SC 240 (801) 957-4184
<http://www.slcc.edu/geoscience/>

Associate Professors: Dorleen Jenson, Frank Komatar
 Instructor: Robert Dastrup

THE PROGRAM

This program provides a broad base of technical skills for information gathering and analysis as well as strong emphasis in physical geography and geology and an understanding of regional and global cultural aspects of the world. It provides a global awareness, creates a background for job opportunities and applications. This program meets the needs of vocationally-oriented students with a two-year degree goal and also provides a solid foundation for a four-year degree program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the full program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the designated course may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

ENVIRONMENTAL GEOLOGY

minimum 63 hours required)

Requirements at four-year institutions are subject to change; on-going planning is essential.

Completing the following requirements prepares students to apply for transfer to a majors program in Geology or Environmental Earth Science at a four-year institution.

Option I is designed for students transferring to the University of Utah (Geology or Environmental Earth Science); Utah State University (Geology); or Southern Utah University (Geology.)

Option II is designed for students transferring to Weber State University.

ELECTIVES

The program provides students with elective options so that they may take courses that apply to major requirements at the four-year institutions to which they intend to transfer. In selecting applicable electives, students should see the transfer recommendations as well as consult an SLCC academic advisor and the department at the four-year institution to which they intend to transfer. Acceptance into the major program is determined by the receiving institution.

GENERAL EDUCATION REQUIREMENTS

(MINIMUM 30-32 CREDITS REQUIRED)

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION (6 CREDITS)				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Tech Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY (3-4 CREDITS)				
MATH 1060	Trigonometry	3	A	MATH 1050 (Opt II)
OR				
MATH 1210	Calculus I	4	A	MATH 1060 (Opt I)
AMERICAN INSTITUTIONS (3 CREDITS)				
ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS (1 CREDIT)

HLAC —	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
(BIOL 1610 required, Opt I)			
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Physical Science is exempt; CHEM 1210 is required for the program.
 See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS**OPTION I (18 CREDITS)**

For students intending to transfer to the University of Utah, Utah State University, or Southern Utah University.

COURSE		CR	SEM	PREREQUISITES
CHEM 1210	General Chem I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215	Chem I Lab	1	A	w/CHEM 1210
GEO 1110	Phys Geology	3	F	w/GEO 1115
GEO 1115	Phys Geol Lab	1	F	w/GEO 1110
GEO 1220	Historical Geol	3	Sp	w/GEO 1225
GEO 1225	Histor Geol Lab	1	Sp	w/GEO 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210

OPTION I ELECTIVES (14 CREDITS)

SEE LIST BELOW

OPTION II (22 CREDITS)

For students intending to transfer to Weber State University.

COURSE		CR	SEM	PREREQUISITES
CHEM 1210	General Chem I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215	Gen Chem Lab I	1	A	w/CHEM 1210
GEO 1060	Environmtl Geol	3	Sp	w/GEO 1065
GEO 1065	Envr Geol Lab	1	Sp	w/GEO 1060
GEO 1110	Phys Geology	3	F	w/GEO 1115
GEO 1115	Phys Geol Lab	1	F	w/GEO 1110
GEO 1220	Historical Geol	3	Sp	w/GEO 1225
GEO 1225	Histor Geol Lab	1	Sp	w/GEO 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2010	College Physics I	4	A	MATH 1060, w/PHYS 2020
PHYS 2020	College Physics II	1	A	w/PHYS 2010

OPTION II ELECTIVES (11 CREDITS)

SEE LIST BELOW

ELECTIVES – OPTIONS I AND II

COURSE		CR	SEM	PREREQUISITES
BIOL 2020	Cell Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2025 (lab)
BIOL 2030	Genetics	4	F	BIOL 1610 w/C or better, w/BIOL 2035 (lab)
BIOL 2070	Plant Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2075 (lab)
BIOL 2080	Animal Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2085 (lab)
CHEM 1220	General Chem II	4	A	CHEM 1210, w/CHEM 1225
CHEM 1225	Gen Chem II Lab	1	A	CHEM 1210, w/CHEM 1220
CS 1050	Engr Computing	3	F, Sp	MATH 1050, w/MATH 1060
CS 1410	Intro Cmp Sci I	3	A	CS 1050, CS 1300, or CS 1500
GEO 1160	Env Geology	3	Sp	w/GEO 1165
GEO 1165	Env Geology Lb	1	Sp	w/GEO 1160
GEO 2350	Field Studies	3	Su	w/BIOL 2350 (sec. 1 & 2)
MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivar Calcu	3	A	MATH 1220
MATH 2250	Lin Alg/Diff Eq	3	A	MATH 1220
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2225	Physicsf/Sci&Eng LII	1	A	PHYS 2210, w/PHYS 2220

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

TRANSFER RECOMMENDATIONS FOR SELECTING ELECTIVES:

Transfer requirements are subject to change; additional transfer information is available in the Transfer Center files, Redwood Campus, Student Center, room 240. Students are advised to contact the program advisor at SLCC and the school they will be transferring to.

UNIVERSITY OF UTAH

For University of Utah Geology, the following courses may be taken at SLCC: CHEM 1220/CHEM 1225, CS 1050, MATH 1220, MATH 2210, MATH 2250, PHYS 2220/PHYS 2225.

For University of Utah Environmental Earth Science, the following courses may be taken at SLCC: BIOL 2070/BIOL 2075 AND BIOL 2080/BIOL 2085, BIOL 2020/BIOL 2025 OR BIOL 2030/BIOL 2035, CHEM 1220/CHEM 1225, CS 1050, CS 1410, MATH 1220, MATH 2210, MATH 2250, PHYS 2220/PHYS 2225.

UTAH STATE UNIVERSITY

For Utah State University General Geology, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1220, and CS 1410.

For Utah State University Watershed and Earth Systems, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1220, PHYS 2220/2225.

WEBER STATE

For Weber State University Geology, the following courses may be taken at SLCC: CHEM 2310/2315, PHYS 2010/2015 or PHYS 2210/2215.

For Weber State University Applied Environmental Geoscience, the following courses may be taken at SLCC: BIOL 1330/1335, CHEM 2310/2315, ENGL 2100 (EN), MATH 1040, PHYS 2210/2215.

SOUTHERN UTAH UNIVERSITY

For Southern Utah University Natural Resources & Environmental Studies, the following courses may be taken at SLCC: BIOL 2220/2225, COMM 1270, POLS 1100 (AI), PSY 2500 OR MATH 1040.

For Southern Utah University Geology - Earth Science, the following courses may be taken at SLCC: CHEM 1220/1225, PHYS 1040 (PS), BIOL 1610/1615 (BS), GEOG 1000 (PS).

For Southern Utah University Geology - Professional, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1210, MATH 1220, PHYS 2210/2215, PHYS 2220/2225.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE***GEOGRAPHY**

(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

(minimum 34 credits required)

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION (6 CREDITS)				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
OR				
ENGL 2100	Tech Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY (3-4 CREDITS)

*MATH 1030 Quant Reasoning 3 A MATH 1010 or CPT

*Transfer note: U of U requires Math 1050.

AMERICAN INSTITUTIONS (3 CREDITS)

ECON	1740	Econ Hist of US	3	A	none
OR					
HIST	1700	Amer Civilization	3	A	none
OR					
POLS	1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS (1 CREDIT)**

HLAC	—		1	A	none
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STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS (18 CREDITS)**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS
(MINIMUM 31-33 CREDITS)**

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surface	3	A	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG/GIS 1800 Intro/GIS	3	A	none
GEOG/GIS 1820 Applied GIS	3	A	GEOG/GIS 1800 or instructor approval
GEOG 1900 Special Studies	1-3	A	instructor approval
GEOG 2100 Maps & Measur.	5	Sp	none
GEOG 2200 Urban/Environ Issues	3	Sp	none
GEO 1110 Physical Geol	3	F	w/GEO 1115
GEO 1115 Physical Geo Lab	1	F	w/GEO 1110
MET 1010 Intro to Meteor	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
GEOG	1000	3	GEOG	1400	3
GEOG	1300	3	GEOG	2100	5
GEOG	1800	3	MET	1010	3
DISTRIBUTION		3	DISTRIBUTION		3
TOTAL		15	TOTAL		17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
GEOG	1900	1-3	GEOG	1820	3
GEOG	2200	3	STUDENT CHOICE		3
GEOL	1110	3	MATH	1030	3
GEOL	1115	1	AMERICAN INST		3
HLAC		1	DISTRIBUTION		6
DISTRIBUTION		6	TOTAL		18
TOTAL		15-17			

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surface	3	A	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1700 Natural Disasters	3	F	none
GEOG/GIS 1800 Intro/Geog Info Sci	3	A	none
GEOG/GIS 1820 Applied GIS	3	A	GEOG/GIS 1800 or instructor approval
GEOG 1900 Special Studies	1-3	A	instructor approval
GEOG 2000 CO-OP	2-4	A	instructor approval
GEOG 2100 Maps & Measur.	5	Sp	none

GEOG 2200 Urban/Environ Issues	3	Sp	none
GEOG/GIS 2900 Independ Projects	1-3	A	instructor approval
GEOG/GIS 2920 Contemp Studies	3	Sp	GEOG 1820 or instructor approval
GEO 1010 Intro to Geology	3	A	none
GEO 1110 Physical Geol	3	F	w/GEO 1115
GEO 1115 Physical Geo Lab	1	F	w/GEO 1110
GEO 1160 Env Geology	3	Sp	w/GEO 1165
GEO 1165 Env Geology Lb	1	Sp	w/GEO 1160
GEO 1220 Historical Geol	3	Sp	w/GEO 1225
GEO 1225 Histor Geol Lab	1	Sp	w/GEO 1220
GEO 2350 Field Studies	3	Su	Instructor Approval w/BIO 2350

GERMAN

SEE **LANGUAGE AND CULTURE**.

GIS (GEOGRAPHIC INFORMATION SCIENCE)

SEE **GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY (GIST)**.

HEALTH AND LIFETIME ACTIVITIES

General Information (801) 957-4073

Lifetime Activities Center 201 (801) 957-5013

Academic Advisor (801) 957-4294

Professor: Gustavo Ibarra

Associate Professors: Soni Adams, Dollie Richards, Jean Widdison

Assistant Professors: Marlyn Harmer, Norm Parrish, Paul Roberts

Instructors: Shay Clemenson, Betsy Specketer

THE PROGRAM

The health and lifetime activities program is committed to providing a wide range of activities to students and faculty. Any Lifetime Activities course will fill the institutional requirement for physical education of pursuing an AA or AS degree (excluding HLAC 2100 and HLAC 2620). Most lifetime activities courses may be designed or adapted for students with physical disabilities. Students who are interested in any adaptive Lifetime Activities course should see the Division Chair of health sciences for further information.

HLAC also offers a Fitness Technician AAS degree. For further information, see **FITNESS TECHNICIAN**.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
HLTH 1020 Foundtns Nutrition	3	A	none
HLTH 1050 Life, Soc Drugs	3	A	none
HLTH 1105 Bdy & Wght Mgt	2	F Sp	none
HLTH 1110 Social Hlth Diversisty	3	F, Sp	none
HLTH 1200 First Aid & Safty	3	A	none
HLTH 1250 Stress Mgt	2	A	none
HLTH 1255 Mind/Body Con	3	F, Sp	none
HLTH 1400 IntroPersTrng/GrpEx	2	F, Sp	none
HLTH 1405 Eval&AssessmtFitnss	3	F, Sp	none
HLTH 1410 Skill Building I	3	F, Sp	HLTH 1400 or instructor's approval
HLTH 1500 Lftm Well & Fit	3	A	none

HEALTH SCIENCE

HLTH 2020	Nutrition f/LfCycl	3	F, Sp	none
HLTH 2021	Ntrn f/Ftnss&Sprts	3	F, Sp	HLTH 1020 and HLTH 2020 recommended
HLTH 2100	FtnsMvtn&BhvrRsp	3	F, Sp	none
HLTH 2200	Kinesiology	3	F, Sp	none
HLTH 2250	Exer Physiology	3	F, Sp	none
HLTH 2400	Exer&DmsAging	3	F, Sp	none
HLTH 2410	Aerob Instr Trng II	3	F, Sp	HLTH 1410 or instructor's approval
HLTH 2420	Grp Ex Instr Intern	2	A	HLTH 2410 or instructor's approval
HLTH 2430	Dsng Trng Programs	3	F, Sp	HLTH 1400, HLTH 2200
HLTH 2435	PrsFtnssTrmrIndtry	3	F, Sp	HLTH 2430
HLTH 2450	PersnlTrainerIntern	3	F, Sp	instructor's approval
HLAC 1000	Cardio Fitness	1	A	none
HLAC 1015	ArbcsII/Spinning	1	A	none
HLAC 1020	Aerobics I/Step	1	A	none
HLAC 1025	Aerobics I/Interval	1	A	none
HLAC 1030	Arbcs II/Kck Bxng	1	A	none
HLAC 1046	Jog/Walk	1	A	none
HLAC 1057	Yoga I	1	A	none
HLAC 1058	Yoga II	1	Sp	HLAC 1900
HLAC 1062	Flxbilty f/Fitness	1	F, Sp	none
HLAC 1073	Aerobic Circuit	1	A	none
HLAC 1080	Strength Train I	1	A	none
HLAC 1081	Strength Train II	1	A	HLAC 1100
HLAC 1096	Fitness for Life	1	A	none
HLAC 1100	Tennis I	1	A	none
HLAC 1101	Tennis II	1	A	HLAC 1390
HLAC 1102	Tennis III	1	Sp	HLAC 1400
HLAC 1110	Racquetball I	1	A	none
HLAC 1111	Racquetball II	1	F, Sp	HLAC 1450
HLAC 1130	Golf I	1	A	none
HLAC 1131	Golf II	1	A	HLAC 1560
HLAC 1145	Bowling I	1	A	none
HLAC 1146	Bowling II	1	A	HLAC 1530
HLAC 1147	Bowling III	1	A	HLAC 1531
HLAC 1200	Basketball I	1	A	none
HLAC 1201	Basketball II	1	A	HLAC 1150
HLAC 1210	Volleyball I	1	A	none
HLAC 1211	Volleyball II	1	A	HLAC 1230
HLAC 1212	Volleyball III	1	F, Sp	HLAC 1240
HLAC 1225	Softball	1	F, Sp	none
HLAC 1230	Soccer I	1	F, Sp	none
HLAC 1231	Soccer II	1	F, Sp	HLAC 1180 or instructor's approval
HLAC 1232	Competitive Soccer	1	A	member of SLCC competitive soccer team
HLAC 1300	Swimming I	1	A	none
HLAC 1301	Swimming II	1	A	HLAC 1660
HLAC 1310	Water Fitness	1	A	none
HLAC 1330	Power Swim	1	F, Sp	HLAC 1670
HLAC 1335	Sprngbrd Diving	1	F	HLAC 1670
HLAC 1350	Scuba I	1	A	none
HLAC 1351	Scuba II	1	A	HLAC 1740
HLAC 1340	Lifeguard Train	2	F	HLAC 1670, CPR certification
HLAC 1410	T'ai Chi	1	A	none
HLAC 1442	Brazilian Capoeira	1	F, Sp	none
HLAC 1445	Taekwon-Do	1	A	none
HLAC 1446	Taekwon-Do II	1	A	HLAC 1960
HLAC 1447	Taekwon-Do III	1	Sp	HLAC 1970
HLAC 1450	Kung Fu I	1	A	none
HLAC 1451	Kung Fu II	1	A	HLAC 1930
HLAC 1520	Hiking I	1	A	none
HLAC 1521	Hiking II	1	A	HLAC 1615 or instructor's approval
HLAC 1527	Rock Climbing I	1	A	none
HLAC 1528	Rock Climbing II	1	A	HLAC 1620 or instructor's approval
HLAC 1540	Related Outd Activity	1	A	instructor's approval
HLAC 1550	Mt Biking I	1	A	none
HLAC 1551	Mt Biking II	1	A	HLAC 1625 or instructor's approval

HLAC 1610	Skiing/Snowbd	1	F, Sp	none
HLAC 1655	Snowshoeing I	1	Sp	none
HLAC 1656	Snowshoeing II	1	Sp	HLAC 1605 or instructor's approval
HLAC 1670	Ice Skating I	1	F, Sp	none
HLAC 1715	Ctry Wes Dnc I	1	A	none
HLAC 1716	Ctry Wes Dnc II	1	Sp	HLAC 1840
HLAC 1720	Social Dance I	1	A	none
HLAC 1721	Social Dance II	1	F, Sp	HLAC 1810
HLAC 1730	Folk Dance	1	F, Sp	none
HLAC 1800	Incol Athletics	1	F, Sp	instructor's approval
HLAC 1805	Cheer Squad	1	A	member of SLCC cheer leading squad
HLAC 2100	Hth Ed Rec Dnc	2	F	none
HLAC 2110	Prnc of Weight Trng	1	A	instructor's approval
HLAC 2620	PE Elem School	2	Sp	none

HEALTH CARE MANAGEMENT

SEE UNIVERSITY CENTER.

HEALTH RECORDS

SEE SKILLS CENTER.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

HEALTH SCIENCE

NOTE: This degree is designed for students already accepted into other Health Science programs. It allows for courses already required to achieve a specific Associate of Applied Science degree to be combined with additional courses to earn an Associate of Science degree.

Lifetime Activities Center 234 (801) 957-4517
General Information (801) 957-4073
Academic Advisor SC240 (801) 957-4407

This degree is recommended for students who plan to transfer to four-year colleges. Completion of the associate of science degree with health science emphasis does not affect the professional status, certification or licensure of graduates of associate of applied science degree programs in the health science division.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intern Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1050	Coll Algebra	4	A	MATH 1010
OR				
MATH 1040	Intro Statistics (U of U Nursing requires)	3	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC —		1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

DEGREE OPTIONS

An associate of science degree can be earned in the following AAS degree options. Complete the above hours of General Education requirements. For information on suggested specific courses, contact the academic advisor at (801) 957-4407.

BIOTECHNOLOGY TECHNICIAN OPTION ^{CTE}

NOTE: This option does NOT make the Biotechnology AAS degree transferable to the Biology baccalaureate degree.

DENTAL HYGIENE OPTION ^{CTE}

NOTE: This option does NOT make the DH degree transferable to a DH baccalaureate degree.

MEDICAL LABORATORY TECHNICIAN OPTION ^{CTE}

NOTE: This option does NOT make the MLT AAS degree transferable to the University of Utah medical technology program.

NOTE: The Medical Laboratory Technician Program is not accepting new students at this time. Only continuing students are eligible for this option.

OCCUPATIONAL THERAPIST ASSISTANT OPTION ^{CTE}

NOTE: This option does NOT make the AAS degree transferable to an OT baccalaureate degree.

PHYSICAL THERAPIST ASSISTANT OPTION ^{CTE}

NOTE: This option does NOT make the PTA AAS degree transferable to an entry-level baccalaureate PT degree or an entry-level master's PT degree.

RADIOLOGIC TECHNOLOGY OPTION ^{CTE}

NOTE: This option does NOT make the RT AAS degree transferable to a RT baccalaureate degree or a RT master's degree.

REGISTERED NURSING OPTION

This option is required for the AAS nursing degree to transfer to a nursing baccalaureate completion program. Call the academic advisor at (801) 957-4294 for additional information related to the BS completion at the University of Utah. The BSN at the University of Utah requires MATH 1040, Statistics.

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

HEALTH UNIT CLERK/COORDINATOR
SEE **SKILLS CENTER**.**HEATING, COOLING, AND REFRIGERATION TECHNOLOGY**
SEE **SKILLS CENTER**.**HEATING, COOLING, AND REFRIGERATION TECHNOLOGY APPRENTICESHIP**
SEE **APPRENTICESHIPS**.**HEATING, VENTILATION, AND AIR CONDITIONING**

Meadowbrook

General Information (801) 957-4346

Academic Advisor CT 186 - (801) 957-4550

THE PROGRAM

This program provides students with a background for heating, ventilation, air-conditioning and refrigeration industries. By combining theory and practical shop experiences, students will develop the skills needed for installation, maintenance and trouble-shooting HVAC&R systems for residential and commercial applications. The courses are designed to build on the work experience and integrate classroom and lab into a unified learning experience. Successful completion of this program leads to the associate in applied science degree.

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the HVAC program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Cooperative education credit may be earned in lieu of some laboratory classes for completion of graduation requirements. If the laboratory learning objectives are completed on the job, they may be validated through on-site visits by the instructor/coordinator and/or testing. This needs to be approved by the refrigeration instructor and CO-OP staff member.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN HEATING, VENTILATION, AND AIR CONDITIONING

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 English Comp	3	A	pre-test
QUANTITATIVE LITERACY			
WLD 1005 Related Welding	3	A	none
COMMUNICATION			
COMM 1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
LE 1220 Human Relations	3	A	none
DISTRIBUTION AREAS			
Choose an additional three credit hours from at least one of the following distribution areas:			
Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none
Interdisciplinary: except BUS 1050, FIN 1050 and MKTG 1050.			
See pp. 25-27 for options in each of these categories.			

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
HVAC 1100 Ref Basic Elec	10	F	w/HVAC 1120
HVAC 1120 Heating Princ	3	F	w/HVAC 1100
HVAC 1200 Ref Fund & Dm	10	Sp	HVAC 1120, HVAC 1100, w/HVAC 1220
HVAC 1220 Ref EPA Recov	3	Sp	HVAC 1120, HVAC 1100, w/HVAC 1200
HVAC 1300 Commercial Ref	10	F	HVAC 1100, HVAC 1120, HVAC 1200, HVAC 1220
HVAC 1400 Air Conditioning	10	Sp	HVAC 1100, HVAC 1120, HVAC 1220, HVAC 1300, w/HVAC 1420
HVAC 1420 Comp Op Contrls	3	Sp	HVAC 1100, HVAC 1120, HVAC 1220, HVAC 1300, w/HVAC 1400
HVAC 1470 Math Bas HVAC	5	F, Sp	MATH 0920 or MATH 0950

CERTIFICATE OF COMPLETION/^{CTE} HEATING, VENTILATION, AND AIR CONDITIONING

(minimum 43 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
HVAC 1100 Ref Basic Elec	10	F	w/HVAC 1120
HVAC 1120 Heating Princ	3	F	w/HVAC 1100
HVAC 1200 Ref Fund & Dm	10	Sp	HVAC 1120, HVAC 1100, w/HVAC 1220
HVAC 1220 Ref EPA Recov	3	Sp	HVAC 1120, HVAC 1100, w/HVAC 1200
HVAC 1470 Math Bas HVAC	5	F, Sp	MATH 0920 or MATH 0950
COMM 1010 Intro to Comm	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
LE 1220 Human Relation	3	A	none
WLD 1005 Related Welding	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
HVAC	1100	10	HVAC	1200	10
HVAC	1120	3	HVAC	1220	3
ENGL	1010	3	HVAC	1470	5
WLD	1005	3	COMM	1010	3
TOTAL		19	TOTAL		24

HEAVY-DUTY MECHANICS

SEE **DIESEL SYSTEMS TECHNOLOGY**; SEE ALSO **SKILLS CENTER AND APPRENTICESHIPS**.

HEAVY-DUTY REPAIR

SEE **DIESEL SYSTEMS TECHNOLOGY**; SEE ALSO **APPRENTICESHIPS**.

HISTORY

General Information (801) 957-4307

Academic Advisor SC 240 (801) 957-6066

South City Campus N115A (801) 957-4130

<http://www.slcc.edu/history/index.asp>

Professor: Gary Topping, Ernest Randa

Associate Professor:

Assistant Professors: Cyriaque Beurtheret, Chris Case, Marianne McKnight

Instructor: Aarki Nakra

THE PROGRAM

The history program is designed to expose students to a variety of history fields and to the methods used by historians. Students who complete the program will be well prepared to undertake upper division history courses or complete a four-year degree.

Students should check with the department to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment. History scholarships are available. Contact the division office at (801) 957-4130 for further information.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
HVAC	1100	10	HVAC	1200	10
HVAC	1120	3	HVAC	1220	3
ENGL	1010	3	HVAC	1470	5
WLD	1005	3	COMM	1010	3
TOTAL		19	TOTAL		21
2ND FALL SEMESTER			2ND SPRING SEMESTER		
HVAC	1300	10	HVAC	1400	10
LE	1220	3	HVAC	1420	3
TOTAL		13	TOTAL		16

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*

(minimum 62-63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010
OR				
MATH 1050	College Algebra	4	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
HIST 1100	History West Civ	3	F, Sp	none
HIST 1110	History West Civ	3	F, Sp	none
HIST 2700	US Hist to 1877	3	F, Sp	none
HIST 2710	US HistSince1877	3	F, Sp	none

SELECT ONE OF THE FOLLOWING COURSES:

HIST 1500	World Hist to 1500	3	F, Sp	none
OR				
HIST 1510	World History	3	F, Sp	none
OR				
HIST 1300	Col Latin Amer	3	F	none
OR				
HIST 1310	Mod Latin Amer	3	Sp	none
OR				
HIST 1450	Islamic Civilizatn	3	Sp	none

COMPLETE TWO SEMESTERS OF A FOREIGN LANGUAGE:

Any Language 1010	5	A	none
Any Language 1020	5	A	Language 1010 or instructor's approval

ELECTIVES (3 CREDITS)

Take 3 credits from any college level course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
MATH	1030	3	DISTRIBUTION		6
	OR		HIST	1510	3
MATH	1040	3		OR	
	OR		HIST	1300	3
MATH	1050	4		OR	
AMERICAN INST		3	HIST	1310	3
LANGUAGE 1010		5		OR	
HLAC		1	HIST	1450	3
TOTAL	15-16		LANGUAGE 1020		5
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
HIST	1100	3	HIST	1110	3
HIST	2700	3	HIST	2710	3
DISTRIBUTION		6	DISTRIBUTION		6
ELECTIVE		3	STUDENT CHOICE		3
TOTAL	15		TOTAL	15	

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES	
HIST 1100	West Civ to 1300	3	F, Sp	none
HIST 1110	W Civ Since 1300	3	F, Sp	none
HIST 1500	World Hist to 1500	3	F, Sp	none
HIST 1510	WrldHistSince1500	3	F, Sp	none
HIST 1300	Colonial Latin Am	3	F	none
HIST 1310	Mod Latin America	3	Sp	none
HIST 1450	Islamic Civilization	3	Sp	none
HIST 1700	American Civiliza	3	A	none
HIST 1900	Special Studies	1-2	F, Sp	Instructor approval
HIST 2200	Americanization	3	F, Sp	none
HIST 2700	US Hist to 1877	3	F, Sp	none
HIST 2710	US Hist Since 1877	3	F, Sp	none
HIST 2900	Special Topics	1-3	F, Sp	none
*HIST 2990	Surv of Utah History	3	F, Sp	none

*This course may not count as part of a history major at the University of Utah. For further information, contact the History Department, U of U.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

HORTICULTURE

SEE UNIVERSITY CENTER.

HOSPITALITY MANAGEMENT APPRENTICESHIP

SEE APPRENTICESHIPS.

HUMAN RESOURCES MANAGEMENT

SEE UNIVERSITY CENTER.

HUMANITIES

Estimated cost of books and supplies per semester \$100 to \$150

General Information (801) 957-4307
Construction Trades Building 270, 266, 252A
Academic Advisor SC 240 (801) 957-6066
<http://www.slcc.edu/humanities>

Professor: Richard Jensen
Associate Professors: Jerry Bradshaw, John Fritz
Assistant Professors: Paul Allen, David Carney, Jim Dykman,
Jude Higgins, Alexander Israilevsky, Susan Jacobs, Gordon Mower

THE PROGRAM

The study of humanities encompasses those disciplines that recognize the value and dignity of humankind. Through methodologies of history, anthropology, languages, philosophy, literature and the arts, students explore what it means to be human, developing the abilities of ethical perception, critical thinking and aesthetic appreciation in the course of their studies.

HUMA 1100, HUMA 1300, HUMA 1310 and HUMA 1320 offer students an introduction to the arts and to the development of intellectual traditions. HUMA 1400, HUMA 1410, HUMA 2401 and HUMA 2402 take students on surveys of art history throughout the world. Other humanities offerings allow students the opportunity to focus their attention on particular themes and topics in the humanities either in a particular culture or cross culturally.

ANTH 1010 and ANTH 2011 give students an understanding of the similarities and differences of diverse cultures throughout the world. PHIL 1000 is an introduction to the discipline of philosophy. ANTH 1030 introduces students to modern archaeological methods and theory. PHIL 1000 challenges students to confront ethical systems and issues as they relate to the students' own lives.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students who need to take preparatory classes to meet the requirements of any course should plan on extra time to complete a degree.

ELECTIVE OPTIONS

With prior approval, students working in a job related to the humanities may earn up to six hours of general elective credit.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

NOTE: Students must receive a minimum of C in all classes counted toward the degree.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*

(minimum 62 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Intern Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010

AMERICAN INSTITUTIONS

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
ENGL 2030	Language in Society	3	Sp	ENGL 1010
OR				
ENGL 2250	Intro Imag Writ	3	F, Sp	ENGL 1010
HUMA 1300	Ancient-Renaiss	3	A	none
HUMA 1310	Renaiss-Modern	3	A	none
LANG 1020	(Any Language)	5	A	Any Language 1010
_____	Electives	14		

ELECTIVES (14 CREDITS)

Choose 14 credits from three of the following areas:

Anthropology	Languages
Art History	Music
History	Philosophy
Humanities	Theater (See Fine Arts)

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
HUMA	1300	3	HUMA	1310	3
LANG	1020	5	MATH	1030	3
ELECTIVES		4	OR		
TOTAL		15	MATH	1040	3
			HLAC		1
			STUDENT CHOICE		3
			ELECTIVES		4
			TOTAL		17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ENGL	2030	3	DISTRIBUTION		12
OR			ELECTIVES		3
ENGL	2250	3	TOTAL		15
AMERICAN INST		3			
DISTRIBUTION		6			
ELECTIVES		3			
TOTAL		15			

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

ANTHROPOLOGY

ANTH 1010	Clt Human Exp	3	F, Sp	none
ANTH 1030	Intro to Archaeol (ID)	3	F	none
ANTH 1500	Field Experience	1-2	Sp, Su	none

ANTH 1900	Special Studies	1-3	A	instructor approval
ANTH 2011	Peoples & Culture (HU)	3	Sp	none
ANTH 2500	Field School	1-4	Su	none
ANTH 2900	Special Topics	1-3	A	instructor approval

ART HISTORY

ARTH 2520	LatAmer Art to 1750	3	Sp	none
ARTH 2640	Buddhist Art	3	F	none
ARTH 2700	Asian Art: Japan	3	Sp	none
ARTH 2710	Art History:Prehis/Ren	3	F, Sp	none
ARTH 2720	Art History:Ren/Cont	3	F, Sp	none

HUMANITIES

HUMA 1100	Intro Humanities	3	A	none
HUMA 1200	Philosophy Work	3	F, Sp	none
HUMA 1300	Western Civ Anc	3	A	none
HUMA 1310	West Civ Modern	3	A	none
HUMA 1900	Special Studies	1-2	F, Sp	none
HUMA 2000	CO-OP	2-4	F, Sp	instructor's approval
HUMA 2120	Sacred Tex/Myth	3	Sp	none
HUMA 2130	Philosophy Litert	3	F, Sp	none
HUMA 2210	Russian Studies	3	F	none
HUMA 2220	Pacific Am. Studies	3	Sp	none
HUMA 2310	Great Books I	3	F	none
HUMA 2320	Great Books II	3	Sp	none
HUMA 2350	His/Phil Religion	3	F, Sp	none
HUMA 2500	Future Studies	3	F	none
HUMA 2600	Decade '60s	3	F, Sp	none

PHILOSOPHY

PHIL 1000	Intro Philosophy	3	F, Sp	none
PHIL 1120	Personal Ethics	3	F, Sp	none

HVAC

SEE **HEATING, VENTILATION, AND AIR CONDITIONING AND SKILLS CENTER.**

**INDEPENDENT ELECTRICAL
CONTRACTORS TECHNOLOGY
APPRENTICESHIP**
SEE **APPRENTICESHIPS.**

**INDUSTRIAL MAINTENANCE
AND REPAIR TECHNOLOGY
APPRENTICESHIP**
SEE **APPRENTICESHIPS.**

INFORMATION TECHNOLOGY
SEE **UNIVERSITY CENTER.**

INSTITUTE OF PUBLIC SAFETY
SEE **CONTINUING EDUCATION.**

**INSTRUMENTATION TECHNOLOGY
APPRENTICESHIP**
SEE **APPRENTICESHIPS.**

INTERIOR DESIGN
SEE **CONTINUING EDUCATION.**

INTERNATIONAL STUDIES

Estimated cost of books and supplies per semester \$150 TO \$250

Division Office TB319C (801) 957-4280
Academic Advisor SC 240 (801) 957-6066
<http://www.slcc.edu/internationalel>

THE PROGRAM

The International Studies program has three elective tracks: Language, Business, and Area Studies; all of them designed to create greater sensitivity and understanding of the global community as well as to gain or improve language skills in order to communicate with greater cultural understanding. Students will gain knowledge of historical and modern influences that will help them challenge the differences that separate cultures as well as deepen understanding of the magnificence of different cultures.

Students planning to transfer to a four-year institution may want to confer with the transfer institution about the possibility of continuing study in a language. SLCC offers a broad range of languages; while the credit will transfer, the transfer institution may not offer continuing study in all languages.

For students already proficient in a language, it is possible to enroll in more advanced courses with instructor's approval. Upon completion of that course with a grade of B or better, students can petition for credit for the courses bypassed. Contact the Language and Culture Department for more information.

Career Opportunities upon Completion of Program: Students will have the opportunity to prepare for an international career in government, humanitarian agencies, the arts, education, health and human services or a variety of other careers that may require international travel, residence or expertise. The degree also prepares students for transfer to 4-year programs in international studies, language, and a variety of others.

TRANSFER NOTES

The International Studies AA program is designed for transfer to the University of Utah International Studies major which requires junior level foreign language and leads to an individualized program of study in Global or Area Studies after transfer. The U of U International Studies also requires ANTH 1010 or GEOG 1300 and HIST 1510, POLS 2100, and MGT 2600 toward the major. Students interested in International Business should follow the AA or AS in Business listed elsewhere in this catalog.

**COMPLETING THE LISTED REQUIREMENTS
BELOW RESULTS IN RECEIVING AN
ASSOCIATE OF ARTS TRANSFER DEGREE***

**INTERNATIONAL STUDIES
CORE PROGRAM REQUIREMENTS
(MINIMUM 61-62 HOURS REQUIRED)**

GENERAL EDUCATION (34 CREDITS):

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pretest
ENGL 2010	Intermediate Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quan Reasoning	3	A	MATH 1010
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INTERNATIONAL STUDIES

AMERICAN INSTITUTIONS (CHOOSE ONE COURSE)

ECON	1740	Econ History of US	3	A	none
	OR				
HIST	1700	Amer Civilization	3	A	none
	OR				
POLS	1100	US Gov & Politics	3	A	none

LIFELONG WELLNESS

HLAC	_____		1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

Recommendations; some of these courses are required Core courses at the U of U and are recommended for students transferring to the U of U:

Humanities: INTL 2060

Interdisciplinary: BUS 1050 (prerequisite to MGT 2600 core course below)

Social Science: HIST 1510 (required course for International Studies at the U of U)

See pp. 24-25 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (28-29 CREDITS):

COURSE	CR	SEM	PREREQUISITES
Language (of student's choosing):			
*LANG 1020 Beginning II	5	A	LANG 1010
*LANG 2010 Intermediate I	4	A	LANG 1020
*LANG 2020 Intermediate II	4	A	LANG 2010
*LANG prefix does not exist—that prefix would be replaced by the prefix for the individual language chosen: ARB, CHI, FRN, GER, ITL, JPN, NAV, POR, RUS, SAM, SPN, TNG			
MGT 2600 Intrntnl Trade/Bus	3	F	BUS 1050 or ECON 2020
POLS 2100 Intro Intrntnl Politics	3	TBA	none

ELECTIVES

CHOOSE 9-10 CREDITS FROM ANY ONE OF THE ELECTIVE TRACKS BELOW. SEE AN ADVISOR FOR OPTIONS.

AREA STUDY TRACK

(Courses should be chosen to complement the area being studied.)

COURSE	CR	SEM	PREREQUISITES
ANTH 1010 Cul & Human Exp	3	F, Sp	none
ANTH 1900 Spc Studies-Anthro	1-3	A	none
ANTH 2011 People/Cul of SW	3	Sp	none
ANTH 2900 Sp Topics Anthro	1-3	A	instructor approval
ARTH 2520 Latin Amer Art	3	Sp	none
ARTH 2640 Buddhist Art	3	F	none
ARTH 2700 Asian Art: Japan	3	Sp	none
ARTH 2710 Art History to Ren	3	F, Sp	none
ARTH 2720 Art Hist Since Ren	3	F, Sp	none
ENGL 2810 Native Am Liter	3	TBA	ENGL 1010
GEOG 1300 Regional Geography (ID)	3	F, Sp	none
HIST 1300 Colonial Latin Amer	3	F	none
HIST 1310 Modern Latin Amer	3	Sp	none
HIST 1450 Islamic Civilization	3	Sp	none
HIST 1500 World Hist to 1500	3	F, Sp	none
HIST 1510 Wrld Hist Since 1500	3	F, Sp	none
HUMA 2210 Intro to Russian Cult	3	F	none
HUMA 2220 Pacific Amer Studies	3	Sp	none
INTL 2040 Immgmt Exp Lit/Flm	3	F, Sp	none
INTL 2060 Intl Lit and Culture	3	A	none
INTL 2980 Travel Study	3	A	varies
INTL 2990 Study Abroad	3	A	varies

BUSINESS TRACK

COURSE	CR	SEM	PREREQUISITES
ECON 2020 Princ of Macroecon	3	A	none
MKTG 1030 Intro To Marketing	3	A	none

CHOOSE ONE OF THE FOLLOWING:

ECON 2400 Intntnl Econ/Finance	3	F	ECON 2010, ECON 2020
MKTG 2400 Intntnl Marketing	3	F	MKTG 1030, ECON 2020

LANGUAGE TRACK

(Courses should be chosen to complement the area being studied.)

COURSE	CR	SEM	PREREQUISITES
ANTH 1010 Cul & Human Exp	3	F, Sp	none
ANTH 1900 Spc Studies-Anthro	1-3	A	none
ANTH 2011 People/Cul of SW	3	Sp	none
ANTH 2900 Sp Topics Anthro	1-3	A	instructor approval
ARTH 2520 Latin Amer Art	3	Sp	none
ARTH 2640 Buddhist Art	3	F	none
ARTH 2700 Asian Art: Japan	3	Sp	none
ARTH 2710 Art History to Ren	3	F, Sp	none
ARTH 2720 Art Hist Since Ren	3	F, Sp	none
ENGL 2610 Diversity in Am Lit	3	TBA	ENGL 1010 with C or better
ENGL 2810 Native Am Liter	3	TBA	ENGL 1010
GEOG 1400 Human Geography	3	F, Sp	none
HIST 1300 Colonial Latin Amer	3	F	none
HIST 1310 Modern Latin Amer	3	Sp	none
HIST 1450 Islamic Civilization	3	Sp	none
HIST 1500 World Hist to 1500	3	F, Sp	none
HIST 1510 Wrld Hist Since 1500	3	F, Sp	none
HUMA 1300 West Civ-Anc to Ren	3	A	none
HUMA 1310 West Civ-Ren-Mod	3	A	none
HUMA 2120 Sacred Txts&Myths	3	Sp	none
HUMA 2130 Philosophy in Lit	3	F, Sp	none
HUMA 2210 Intro to Russian Cul	3	F	none
HUMA 2220 Pacific Amer Studies	3	Sp	none
HUMA 2350 Philosophy/Religion	3	F, Sp	none
*LANG 1300 Beg Conversation	1		
LANG 1900 Sp Stud in LANG	1-2		
*LANG 2300 Conversation	1		
*LANG 2700 Intro to Literature	3		
LANG 2710 Intro to LANG Flm	3		
LANG 2900 Sp Tpcs in LANG	1-3		

*LANG prefix does not exist—that prefix would be replaced by the prefix for the individual language chosen: ARB, CHI, FRN, GER, ITL, JPN, NAV, POR, RUS, SAM, SPN, TNG

IRONWORKERS JATC TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

ITALIAN

SEE LANGUAGE AND CULTURE.

JAPANESE

SEE LANGUAGE AND CULTURE.

LANDSCAPE TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

LANGUAGE AND CULTURE

General Information (801) 957-4073
Construction Trades 270 (801) 957-4338
Academic Advising, SCC W138 (801) 957-3353

Professor: Françoise Hibbs
Associate Professor: Laura Bradford, Jonathan Stowers
Assistant Professor: Christine Gonzales

THE PROGRAM

The Language and Culture Department teaches beginning skills in several languages. Classes are designed to help students learn or improve listening, speaking, reading and writing skills, as well as embracing cultural differences and heritage.

The Department supports a full two-year program in American Sign Language, Arabic, Chinese, French, German, Italian, Japanese, Navajo, Portuguese, Russian, Samoan, Spanish and Tongan.

The Language and Culture Department frequently offers study abroad opportunities; contact the Department for further information.

ASSOCIATE OF ARTS (AA) LANGUAGE REQUIREMENT

General Education for all Associate of Arts (AA) students includes a Language requirement. The requirement can be fulfilled by any 1020 course (Beginning Language II). These courses are listed as (LN). This requirement may also be fulfilled by taking the second-year courses 2010 and/or 2020.

For students already proficient in a language, it is possible to enroll directly in more advanced courses with instructor approval. Upon completion of that course with a grade of B or higher, students can petition for credit for the first-year courses bypassed. Other options may be available, contact the Language and Culture Department.

Native speakers/naturalized citizens are not allowed to take first-year courses in their native language.

ENGL courses may not be used to fulfill the Associate of Arts (AA) Language requirement, unless the student has taken college level ESL courses. Those students may take an additional ENGL course after ENGL 1010 and 2010 and have it count as the (AA) Language requirement.

TRANSFER ADVICE

Students should also be advised that a Bachelor of Arts (BA) will require four semesters of a language and many four-year institutions may require those courses to be taken consecutively. SLCC also offers a wider selection of languages than many transfer institutions; it may not be possible to continue study of a specific language after transfer. Students should check with the institution to which they plan to transfer.

DEPARTMENTAL OFFERINGS

AMERICAN SIGN LANGUAGE

COURSE		CR	SEM	PREREQUISITES
**ASLI 1010	Am Sign Lan I	5	A	none
**ASLI 1020	Am Sign Lan II (LN)	5	A	ASLI 1010
**ASLI 1300	Conversation I	1	F, Sp	ASLI 1010
**ASLI 1430	Linguistics	3	Sp	ASLI 2010
**ASLI 2010	IntermAmSignLanI	5	A	ASLI 1020
**ASLI 2020	IntrmAmSignLanII	5	F, Sp	ASLI 2010
**ASLI 2300	Conversation II	1	F	ASLI 1020, ASLI 1300

**Lab required.

ARABIC COURSE

		CR	SEM	PREREQUISITES
ARB	1010	5	A	none
ARB	1020	5	A	ARB 1010
ARB	1300	1	A	ARB 1010
ARB	1900	1-2	A	Instructor Approval
ARB	2010	4	F	ARB 1020
ARB	2020	4	Sp	ARB 1020
ARB	2300	1	A	ARB 1020
ARB	2900	1-3	A	Instructor Approval

CHINESE COURSE

		CR	SEM	PREREQUISITES
CHI	1010	5	A	none
CHI	1020	5	A	CHI 1010
CHI	1300	1	A	CHI 1010
CHI	1900	1-2	TBA	instructor's approval
CHI	2010	4	F	CHI 1020
CHI	2020	4	Sp	CHI 1020
CHI	2300	1	F, Sp	CHI 1020
CHI	2710	3	TBA	CHI 1020
CHI	2900	1-3	A	Instructor approval

FRENCH COURSE

		CR	SEM	PREREQUISITES
FRN	1010	5	A	none
FRN	1020	5	A	FRN 1010
FRN	1300	1	A	FRN 1010
FRN	1900	1-2	TBA	instructor's approval
FRN	2010	4	F	FRN 1020
FRN	2020	4	Sp	FRN 1020
FRN	2300	1	F, Sp	FRN 1020
FRN	2700	3	TBA	FRN 2020 or FRN 2010
FRN	2710	3	TBA	FRN 1020
FRN	2900	1-3	A	Instructor approval

GERMAN COURSE

		CR	SEM	PREREQUISITES
GER	1010	5	A	none
GER	1020	5	A	GER 1010
GER	1300	1	F, Sp	GER 1010
GER	1900	1-2	TBA	instructor's approval
GER	2010	4	F	GER 1020
GER	2020	4	Sp	GER 1020
GER	2300	1	F, Sp	GER 1020
GER	2700	3	TBA	GER 2020 or GER 2010
GER	2710	3	TBA	GER 1020
GER	2900	1-3	A	Instructor approval

INTERNATIONAL CULTURE COURSE

		CR	SEM	PREREQUISITES
INTL	2040	3	F, Sp	none
INTL	2060	3	A	none
INTL	2980	3	A	varies
INTL	2990	3	A	varies

ITALIAN COURSE

		CR	SEM	PREREQUISITES
ITL	1010	5	A	none
ITL	1020	5	A	ITL 1010
ITL	1300	1	Sp	ITL 1010
ITL	1900	1-2	TBA	instructor's approval
ITL	2010	4	F	ITL 1020
ITL	2020	4	Sp	ITL 1020
ITL	2300	1	F, Sp	ITL 1020
ITL	2700	3	TBA	ITL 2020 or ITL 2010
ITL	2710	3	TBA	ITL 1020
ITL	2900	1-3	A	Instructor approval

JAPANESE

COURSE			CR	SEM	PREREQUISITES
JPN	1010	Beg Japanese I	5	A	none
JPN	1020	Beg Japanese II (LN)	5	A	JPN 1010
JPN	1300	Beg Convers	1	A	JPN 1010
JPN	1900	Special Studies	1-2	TBA	approval
JPN	2010	Interm Japanese I	4	F	JPN 1020
JPN	2020	Interm Japanese II	4	Sp	JPN 1020 or JPN 2010
JPN	2300	Conversation	1	F, Sp	JPN 1020
JPN	2710	Int Japanese Flm	3	TBA	JPN 1020
JPN	2900	Special Topics	1-3	A	Instructor approval

NAVAJO

COURSE			CR	SEM	PREREQUISITES
NAV	1010	Beg Navajo I	5	F	none
NAV	2900	Special Topics	1-3	A	Instructor approval

PORTUGUESE

COURSE			CR	SEM	PREREQUISITES
POR	1010	Beg Portugse I	5	A	none
POR	1020	Beg Portugse II (LN)	5	A	POR 1010
POR	1300	Beg Convers	1	A	POR 1010
POR	1900	Special Studies	1-2	TBA	instructor's approval
POR	2010	Interm Portugse I	4	F	POR 1020
POR	2020	Interm Portugse II	4	F	POR 1020 or POR 2010
POR	2300	Conversation	1	F, Sp	POR 1020
POR	2700	Intro to Literatur	3	TBA	POR 2020 or POR 2010
POR	2710	Portuguese Film	3	TBA	POR 1020
POR	2900	Special Topics	1-3	A	Instructor approval

RUSSIAN

COURSE			CR	SEM	PREREQUISITES
RUS	1010	Beg Russian I	5	A	none
RUS	1020	Beg Russian II (LN)	5	A	RUS 1010
RUS	1300	Beg Convers	1	A	RUS 1010
RUS	1900	Special Studies	1-2	TBA	instructor's approval
RUS	2010	Inter Russian I	4	F	RUS 1020
RUS	2020	Inter Russian II	4	Sp	RUS 2010
RUS	2300	Conversation	1	F, Sp	RUS 1020
RUS	2700	Intro to Literatur	3	TBA	RUS 2020 or RUS 2010
RUS	2710	Int Russian Film	3	TBA	RUS 1020
RUS	2900	Special Topics	1-3	A	Instructor approval

SAMOAN

COURSE			CR	SEM	PREREQUISITES
SAM	1010	Beginning Samoan I	5	A	none
SAM	1020	Beg Samoan II (LN)	5	A	SAM 1010
SAM	1300	Beg. Convr/s/Samoan	1	A	SAM 1010
SAM	1900	Special Studies	1-2	A	Instructor Approval
SAM	2010	Interm Samoan I	4	F	SAM 1020
SAM	2020	Interm Samoan II	4	Sp	SAM 1020
SAM	2300	IntermConversation	1	A	SAM 1020
SAM	2900	Special Topics	1-3	A	Instructor Approval

SPANISH

COURSE			CR	SEM	PREREQUISITES
SPN	1010	Beg Spanish I	5	A	none
SPN	1020	Beg Spanish II (LN)	5	A	SPN 1010
SPN	1300	Beg Convers	1	A	SPN 1010
SPN	1900	Special Studies	1-2	TBA	instructor's approval
SPN	2010	Interm Spanish I	4	F	SPN 1020
SPN	2020	Interm Spanish II	4	Sp	SPN 2010
SPN	2300	Conversation	1	F, Sp	SPN 1020
SPN	2700	Intro to Literatur	3	TBA	SPN 2020 or SPN 2010
SPN	2710	Int Hispanic Film	3	TBA	SPN 1020
SPN	2900	Special Topics	1-3	A	Instructor approval

TONGAN

COURSE			CR	SEM	PREREQUISITES
TNG	1010	Beginning Tongan I	5	A	none
TNG	1020	Beg Tongan II (LN)	5	A	TNG 1010
TNG	1300	Beg. Conver/Tongan	1	A	TNG 1010
TNG	1900	Special Studies	1-2	A	Instructor Approval
TNG	2010	Interm Tongan I	4	F	TNG 1020
TNG	2020	Interm Tongan II	4	Sp	TNG 1020
TNG	2300	Interm Conversation	1	A	TNG 1020
TNG	2900	Special Topics	1-3	A	Instructor Approval

LEADERSHIP, MANAGEMENT, AND SUPERVISION

SEE CONTINUING EDUCATION.

LEGAL SECRETARY

SEE CONTINUING EDUCATION.

LIBRARY TECHNICIAN

SEE CONTINUING EDUCATION.

LINUX NETWORK ADMINISTRATOR

SEE SKILLS CENTER.

LINUX SUPPORT SPECIALIST

SEE SKILLS CENTER.

MACHINING TECHNOLOGY

SEE ENGINEERING DESIGN/DRAFTING TECHNOLOGY.

MACHINIST APPRENTICESHIP

SEE APPRENTICESHIPS.

MANAGEMENT

SEE UNIVERSITY CENTER.

MANAGEMENT INFORMATION SCIENCES

SEE UNIVERSITY CENTER.

MANUFACTURING ENGINEERING

SEE ENGINEERING.

MANUFACTURING ENGINEERING TECHNOLOGY

SEE ENGINEERING DESIGN/DRAFTING TECHNOLOGY.

MANUFACTURING PROCESSES

SEE CONTINUING EDUCATION.

MARINE BIOLOGY

Academic Advisor TB 204 (801) 957-4016

Living Planet Aquarist: Scott Schieffer

THE PROGRAM

The Marine and Fresh Water Science Institute, operated and funded by The Living Planet Aquarium, in partnership with Salt Lake Community College, is located at the SLCC Redwood Road Campus.

The Institute is designed to fulfill both academic and community needs. This educational facility will serve as a living laboratory for College biology students to study a variety of marine and fresh water life. The major biology department focus at this time is on teaching an Introduction to Marine Biology lecture and laboratory class. Students will have the opportunity for hands-on study of

marine plants, plankton, invertebrates and vertebrates. This course satisfies the Biological Sciences General Education Requirement, and will be taught by SLCC Biology department faculty.

In addition, The Living Planet Aquarist will provide for tours for thousands of elementary public school students each year to assist in meeting core educational requirements related to marine and fresh water life. The Living Planet will also headquarter its Utah Waters Van at the SLCC facility. This new program will educate 4th grade students on-site at elementary schools about the water cycle and the characteristics of Utah's wetlands, forests, and deserts. Included will be interactive, hands-on activities, water use and water cycle models, water ecology models, videos, and activities that teach key elements of the State's public school Core Curriculum.

CLASS AVAILABILITY

The semesters during which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, locations and modifications caused by varying enrollment.

COURSE OFFERING

COURSE	CR	SEM	PREREQUISITES
BIOL 1070 Intro to Marine Bio	4	F, Sp	concurrent w/BIOL 1075

MARKETING

SEE UNIVERSITY CENTER.

MARKETING MANAGEMENT

Business Building 109 (801) 957-5151

General Information (801) 957-5150

Academic Advisor BB 132A (801) 957-4323

Advising Appointments (801) 957-4300

<http://www.slcc.edu/marketingmanagement/index.asp>

Professors: Rolayne Day, Curtis W. Youngman

Associate Professor: Barbara Willett

Assistant Professor: Al Cole

THE PROGRAM

Marketing is a major function of business with a widely diverse field of job opportunities including retailing, direct sales, advertising, physical distribution, logistics and purchasing. Information management, customer service and public relations are important aspects of the field. Marketing continues to increase in importance in the world of commerce and industry and many managers are selected from successful marketing personnel. Students cultivate fresh viewpoints and leadership skills through an open exchange of ideas and experiences while participating in team activities and problem-solving situations.

Students who are interested in pursuing courses leading to a Bachelor's degree in Marketing should follow the courses listed in the Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

General Education and elective courses provide training in effective oral and written communication and human relations skills. BUS 1050 and MKTG 1050 are taught using group and team activities in the learning process to develop the students' interactive skills to build human values and ethics.

GRADE REQUIREMENTS

Marketing majors must complete each of the required marketing classes with a 2.4 (C+) GPA or higher. Students receiving lower than 2.4 in any marketing course cannot proceed without approval from the instructor.

The Marketing Management associate degree program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

PREPARATION NOTE

Students who need to take preparatory classes to meet requirements of first semester courses should plan on extra time to complete a certificate or degree. Classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are MATH 0990 (Elementary Algebra) and CIS 1020 (Computer Essentials). Classes in the preparatory skills may be waived as students demonstrate equivalent skills.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review the information at <http://poseidon.slcc.edu/~CIS1020/Challenge.html>. An 84% or higher is required on each section of the test.

ELECTIVE OPTIONS

Cooperative Education is the College's program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from MKTG 2000 is applied toward graduation requirements as a marketing elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED^{CTE} SCIENCE DEGREE IN MARKETING MANAGEMENT

(minimum 67 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1010 Service Tech	2	A	none

DISTRIBUTION AREAS

Choose an additional six credits from at least two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none

Physical Science (PS) 3 A none
 Social Science (SS) 3 A none
 Interdisciplinary: except BUS 1050, MKTG 1050.
 See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct	3	A	none
BUS 1050	Foundations of Bus	3	A	none
ECON 2010	Microeconomics	3	A	none
MGT 1020	Intro to Dist Sys	3	A	none
MGT 2050	Lgl Envir Bus	3	A	BUS 1050
*MKTG1030	Intro to Mktg	3	A	none
*MKTG1050	Consumerism	3	A	none
*MKTG1070	Promotion	3	F	none
*MKTG1300	Bus Present	2	F	CIS 1020 or comp
*MKTG1480	Sales	3	Sp	none
*MKTG2100	Mktg Info Mgmt	3	Sp	MKTG 1030
*MKTG2120	Prdct/Prdg Strg	3	F	MKTG 1030
*MKTG2400	Intl Mktg	3	F	MKTG 1030, ECON 2020
*MKTG2500	Princ of Mktg	3	Sp	MKTG 1070, MKTG 1090 or MKTG 2360, MKTG 2100, MKTG 2120
*MKTG2810	E-CmDsgn/Imp	3	Sp, Su	MKTG 1030, MKTG 1480 or concurrent
MKTG	Electives	3		

CHOOSE ONE OF THE FOLLOWING:

*MKTG1090	Retail Mgmt	3	F	none
OR				
*MKTG2360	Business to Business	3	Sp	MKTG 1030

*Must be completed with C+ or higher.

MARKETING ELECTIVES (3 CREDITS)

MGT 2070	Human Res Mgt	3	F, Sp	BUS 1050
MGT 2600	Intl Trade/Bus	3	Sp	none
*MKTG1090	Retail Mgt	3	F	none
*MKTG1900	DEX SpecProj	2	A	none
*MKTG1910	Event Marketing	3	Sp	none
*MKTG2000	CO-OP	1-3	A	approval
*MKTG 2360	Business to Business	3	Sp	MKTG 1030
*MKTG2990	Current Topics	1-3	A	variable

*Can be taken as an elective if not taken as a required course.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	BUS 1050	3
MGT 1020	3	BUS 2200	3
MKTG 1030	3	FIN 1380	3
MKTG 1070	3	MKTG 1480	3
MKTG 1300	2	MKTG 2100	3
TOTAL	14	TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ACCT 2010	3	MKTG 1010	2
ECON 2010	3	MKTG 1050	3
MGT 2050	3	MKTG 1090 (SP)	3
(MKTG 1090 (SP))	3)	OR	
OR		(MKTG 2360 (F))	3)
MKTG 2360 (F)	3	MKTG 2500	3
MKTG 2120	3	MKTG 2810	3
MKTG 2600	3	(MKTG ELECTIVE	3)
(MKTG ELECTIVE	3)	DISTRIBUTION	6
TOTAL	18-21	TOTAL	14-17

CERTIFICATE OF COMPLETION/^{CTE} MARKETING MANAGEMENT

(minimum 37 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct	3	A	none
BUS 1050	Foundations of Bus	3	A	none
BUS 2200	Bus Communications	3	A	ENGL 1010 w/C or better
MKTG 1010	Customer Service	2	A	none
ENGL 1010	Intro to Writing	3	A	pre-Test
FIN 1380	Financial Math	3	A	MATH 0990 or CPT
MGT 1020	Intro to Dist Sys	3	A	none
*MKTG1030	Intro to Mktg	3	A	none
*MKTG1050	Consumerism	3	A	none
*MKTG1070	Promotion	3	F	none
*MKTG1300	Business Pres	2	F	CIS 1020 or competency
*MKTG1480	Sales	3	Sp	none

CHOOSE ONE OF THE FOLLOWING ELECTIVES:

*MKTG1090	Retail Mgmt	3	F	none
OR				
*MKTG2360	Business to Business	3	Sp	MKTG 1030

*Must be completed with C+ or higher.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS 1050	3		ACCT 2010	3	
MKTG 1010	2		BUS 2200	3	
ENGL 1010	3		FIN 1380	3	
MGT 1020	3		MKTG 1050	3	
MKTG 1030	3		MKTG 1480	3	
MKTG 1070	3		(MKTG ELECTIVE	3)	
MKTG 1300	2		TOTAL	15-18	
(MKTG ELECTIVE	3)				
TOTAL	19-22				

MATERIALS SCIENCE ENGINEERING

SEE ENGINEERING.

MATHEMATICS

Estimated cost of books and supplies course \$75

General Information (801) 957-4073

SI 220 (801) 957-4267

<http://www.slcc.edu/math/index.asp>

Professor: Chuck Cummins, Margaret Nielson

Associate Professor: Kathy Eppler, Shawna Haider, Paul Smith,

Assistant Professors: Joe Gallegos, Dale Nelson, Doug Richards, Brenda Santistevan, Cindy Soderstrom, Shane Tang, Suzanne Topp, Ruth Trygstad, Molitika Vaivaka, Cyril Watt

Instructor: Zeph Smith, Ron McKay

THE PROGRAM

An Associate of Science degree can be earned through the study of Mathematics. It requires a minimum of 63 credit hours of coursework including 22 hours of mathematics courses and 8 hours of physics courses. All classes are transferable to other schools in the state system of higher education and most other universities and colleges. These courses will prepare a student for completion of a mathematics or mathematics education degree at a four year institution. Students in this program also complete General Education requirements.

Requirements at four-year colleges and universities are subject to change; ongoing planning is essential. Please see academic advisor.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied (within one year) before the designated class may be taken.

ELECTIVE OPTIONS

Cooperative education is SLCC's strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned for MATH 2000 is applied toward graduation requirements as a mathematics elective credit.

CLASS AVAILABILITY

Semesters in which courses are taught are listed in course descriptions. Students should check the semester class schedule for day/evening/weekend availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 hours required)

PROGRAM PREREQUISITE**(MUST BE COMPLETED WITH A C OR BETTER)**

COURSE	CR	SEM	PREREQUISITES
MATH 1060 Trigonometry	3	A	MATH 1050 or appropriate CPT score

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS**COMPOSITION**

ENGL 1010 Intro to Writing	3	A	Placement Test
ENGL 2010 Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1210 Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC _____	1	A	none
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STUDENT CHOICE (3 CREDITS)

(Choose COMM 1020 Public speaking for transfer to Westminster or Weber.)

COMPUTER COMPETENCY**DISTRIBUTION AREAS**

Choose three credit hours from each of the following areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none

Physical Science area is exempted; PHYS 2210 is required for program.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
MATH 1040 Intro to Statistics	3	A	MATH 1010 (C or better)
MATH 1220 Calculus II	4	A	MATH 1210 (C or better)
MATH 2210 Multiv Calculus	3	F/Sp	MATH 1220 (C or better)

MATH 2270 Linear Algebra	4	F	MATH 1220 (C or better)
MATH 2280 Diff Equations	4	Sp	MATH 2270 (C or better)
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, MATH 1220

ELECTIVES: (5 CREDITS)

CHOOSE AT LEAST 5 CREDIT HOURS FROM THE FOLLOWING:			PREREQUISITES
COURSE	CR	SEM	
PHYS 2215* Physics for Sci & Eng Lab	1	A	Concurrent w/PHYS 2210
PHYS 2225** Physics for Sci & Eng Lab II	1	A	w/PHYS 2220
CHEM 1210 General Chemistry I	4	A	MATH 1050 w/C or better, concurrent w/CHEM 1215
CS 1050 Eng Computing	3	A	MATH 1050, with MATH 1060
CS 1400 Fundamentals of Programming	3	A	CIS 1020 or equivalent

*required to transfer to UVSC and SUU.

**required to transfer to SUU.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
MATH 1040	3		MATH 1220	4	
MATH 1210	4		ENGL 2010	3	
ENGL 1010	3		DISTRIBUTION	6	
AMERICAN INST	3		STUDENT CHOICE	3	
DISTRIBUTION	3		TOTAL	16	
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
MATH 2210	3		MATH 2280	4	
MATH 2270	4		PHYS 2220	4	
PHYS 2210	4		HLA	1	
DISTRIBUTION	3		DISTRIBUTION	3	
ELECTIVE	2		ELECTIVE	3	
TOTAL	16		TOTAL	15	

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interm Algebra	4	A	MATH 0990
MATH 1020 Math for Health	3	A	MATH 0920 or MATH 0950 w/C, or appropriate CPT score
MATH 1030 Quant Reasoning	3	A	MATH 1010
MATH 1040 Statistics	3	A	MATH 1010
MATH 1050 College Algebra	4	A	MATH 1010
MATH 1060 Trigonometry	3	A	MATH 1050
MATH 1065 Survey of Precalculus	3	A	MATH 1050
MATH 1090 College Alg Bus	3	A	MATH 1010
MATH 1210 Calculus I	4	A	MATH 1060
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2000 CO-OP	2-4	A	instructor's approval
MATH 2010 Math Elm Tch I	3	F	MATH 1050
MATH 2020 Math Elm Tch II	3	Sp	MATH 2010
MATH 2210 Multiv Calculus	3	A	MATH 1220
MATH 2250 Lin Alg, Dif Equa	3	F, Sp	MATH 1220
MATH 2270 Linear Algebra	4	F	MATH 1220 (C or better)
MATH 2280 Diff Equations	4	Sp	MATH 2270 (C or better)

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

MECHANICAL ENGINEERING SEE ENGINEERING.

MECHANICAL ENGINEERING TECHNOLOGY SEE ENGINEERING DESIGN/DRAFTING TECHNOLOGY.

MEDICAL ADMINISTRATIVE ASSISTANT

Estimated cost of books per semester	\$350
Estimated cost of supplies per semester	\$ 15
Lab fees per semester	\$ 20

Construction Trades 024 (801) 957-4090
General Information (801) 957-4073
Academic Advisor, SC 240 (801) 957-4407
<http://www.slcc.edu/medicaladmin/index.asp>

Assistant Professors: Diana Carroll, Jana Tucker

THE PROGRAM

Medical administrative assistants are trained primarily to work in doctors' offices, clinics or health maintenance facilities. As members of an allied health care profession, their role is to assist with the care and treatment of patients in administrative procedures. Medical Administrative Assistant program graduates possess entry-level skills in all advanced competencies of the multi-skilled practitioner. They also receive extensive training in the advanced competencies of the multi-skilled practitioner. As a result, graduates are of immediate value to the physician/employer. Great emphasis is placed on development and understanding of personal and professional relationships.

Students complete a 160-hour unpaid externship at a primary health care facility upon completion of the course work. Students must demonstrate efficiency by passing competencies required in the program and successfully complete CPR certification before placement in an externship. Students must return all externship evaluations and hours (records) properly signed by externship supervisor and student to the medical administrative assistant externship coordinator. Only upon successful completion of the program and externship with C (74%) or better, and receipt of all externship records, will the student receive the certificate of completion.

HEALTH AND SAFETY PREPARATION

Students in the medical administrative assistant program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be initiated before beginning administrative course work.

GENERAL COLLEGE ADMISSION

The Medical Administrative Assistant Program does not require a separate Health Science application. Students who wish to enroll in this program should do the following:

1. Submit Application for Admission as a Matriculated Student.
2. Pay general college application fee.
3. Complete ACT within one year or CPT placement test. This test may be waived at the discretion of Enrollment Services on the basis of previous college course work.

NOTE: SLCC does not have minimum required test scores for admission; however, the MAA program requires the minimum placement scores outlined below.

4. High school graduate or equivalent.
5. Math and English Placement. Copies of qualifying test scores must be submitted to a medical administrative assistant instructor before course work can begin.
 - a. Math Qualifications (one of the following):
 - 1) CPT score: Arithmetic 35-53 within one year; placement into MATH 0950
 - 2) ACT score: Math 15-17 within one year; placement into MATH 0950
 - 3) MATH 0920 with C or better within one year
 - b. English Qualifications (one of the following):
 - 1) AP English credit - must be listed on SLCC transcript
 - 2) CLEP English credit - must be listed on SLCC transcript
 - 3) Placement into ENGL 1010 with CPT or ACT
 - 4) WRTG 0990 - with C or better
6. Students accepted into this program must meet the same health and safety requirements as the participating clinical facilities require of their own employees. These requirements are current during the entire program. Documentation for the following is required prior to the first day of class:
 - a. CPR Current Course (Health Care Provider)
 - b. Students will be required to submit to a criminal background check and drug testing. The expenses of these requirements are additional student costs.
7. Official sealed transcripts must be submitted from all colleges/universities where the student has completed prerequisite course work for application to the program.

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent to the Medical Administrative Assistant Coordinator. Transcripts submitted to Enrollment Services must remain in the main college records office, so a second set must be sent.
2. Transfer credits and course grades are considered only on completed course in which grades are received, not on course-in-progress.

The program will start a group of students each semester.

Satisfactory progress through the SLCC MAA program requires attendance in both theory and clinical sections. Students should complete their planned curriculum in sequential order without interruption. Successful completion of the program leading to graduation requires that all listed classes show a 74 percent or better.

PREREQUISITES

It is the students' responsibility to examine each course description for details on prerequisite courses. Those prerequisites must be satisfied before designated courses can be taken. Students must comply with prerequisites stated above.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. The students should check the semester class schedule for availability and modifications caused by varying enrollment. All classes in the program are taught during the day.

HUMAN RELATIONS, COMPUTATION, AND COMMUNICATION
PSY 1100, MA 1200/MA 1210 and MA 2240 meet Human Relations/Communication requirements. MA 1200/MA 1210 and MA 1150/MA 2240 meet computation requirements.

CERTIFICATE OF COMPLETION/^{CTE} MEDICAL ADMINISTRATIVE ASSISTANT

(minimum 32 hours required)

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
PSY	1100	Human Growth	3	A	none
MA	1100	Med Termnlogy	2	A	none
MA	1150	MedOfficeMachns	3	A	proof of word processing proficiency
MA	1200	Med Office Mgt	4	A	proof of word processing
MA	1210	Med Off Mgt Lb	2	A	w/ MA 1200
MA	1420	Clinical Ptholgy	3	A	w/ MA 1100
MA	2220	Med Off Trans	3	A	MA 1200, MA 1210, proof of word processing proficiency
MA	2230	Cmp Med Of Mg	2	A	MA 1200, MA 1210, proof of word processing proficiency
MA	2240	Med Off Com	2	A	MA 1100, MA 1200, MA 1210
MA	2300	Med Cod Proc	3	A	MA 1100, MA 1420
MA	2420	Clinical Ptholgy II	3	A	MA 1420
MA	2830	Med Adm Asst	2	A	Successful completion of all required courses in the program w/74% or better

ADDITIONAL DEPARTMENT OFFERING

MA	1500	Med Trms/Procedrs	6	Sp	none
MA	2310	Adv Code	7	F, Sp	Instructor approval

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
MA	1100	2	MA	2220	3
MA	1150	3	MA	2230	2
MA	1200	4	MA	2240	2
MA	1210	2	MA	2300	3
MA	1420	3	MA	2420	3
PSY	1100	3	MA	2830	2
TOTAL		20	TOTAL		15

MEDICAL ASSISTANT

Estimated costs for program	
Books	\$350
Student Kits (MA 1600)	\$ 45
Uniforms/Scrubs	\$200
Liability Insurance	\$ 20
Lab Fees	\$ 15
Optional Certification Exam	\$145
LPRT Exam	\$140

Construction Trades 234 (801) 957-4090
 General Information (801) 957-4073
 Academic Advisor SC 240 (801) 957-4407
<http://www.slcc.edu/medicalassistant/index.asp>

Assistant Professors: Diana Carroll, Lori Rager, Jana Tucker
 Instructor: Kelli Miller

THE PROGRAM

Medical assistants are trained primarily to work in doctors offices, clinics or health maintenance facilities. As members of an allied health care profession, their role is to assist with care and treatment of patients in both administrative and clinical procedures. Medical Assistant Program graduates possess entry-level skills in all administrative and clinical practices. They also receive extensive training in advanced competencies of the multi-skilled practitioner. As a result, graduates are of immediate value to the physician/employer. Emphasis is placed on development and understanding of personal and professional relationships.

Students complete a 200-hour unpaid externship at a primary health care facility upon completion of the course work. Students must demonstrate efficiency by passing competencies required in the program and successfully complete CPR certification before placement in an externship. Students must return ALL externship evaluations and hours (records) properly signed by externship supervisor and student to the externship coordinator of the medical assistant program. Only upon successful completion of the program and externship with a C (74%) or better, and receipt of all externship records, will the student receive the one-year certificate.

The medical assistant program is accredited by CAAHEP/AAMA, (Commission on Accreditation of Allied Health Education Programs), thereby allowing graduates to sit for the national certification examination and receive the certified medical assistant credential, CMA.

HEALTH AND SAFETY PREPARATION

Students in the medical assistant program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be initiated before beginning any clinical course work. These requirements include:

Immunizations or evidence of:

1. Tetanus booster within past 10 years
2. MMR (two)
3. Negative tuberculosis skin test within one year of enrollment in medical assistant program*
4. Hepta-vax series, as follows:
Initial injection
2nd injection one month after the first
3rd injection six months after the first
5. Students will be required to submit to a criminal background check and drug testing. The expenses of these requirements are additional student costs.

* If a student has a positive TB skin test, a negative chest X-ray and release form are required.

NOTE: The Hepta-vax immunization series takes 7 months to complete. Proof of 2nd injection must be shown before beginning the 2nd semester of courses. **NO EXCEPTIONS.**

A student may decide to refuse any of the immunizations by signing a waiver and release form.

GENERAL COLLEGE ADMISSION

SLCC does not have minimum required test scores for admission; however, admission to the MA program requires the minimum placement scores outlined below:

1. Submit Application for Admission as a Matriculated Student to Enrollment Services.
2. Pay general college application fee.
3. Complete ACT or CPT placement test. This test may be waived at the discretion of the Enrollment Services on the basis of previous college coursework.
4. High school graduation or equivalent.
5. Math and English placement. Copies of qualifying test scores must be submitted to the medical assistant department before course work can begin.
 - a. Math Qualifications (one of the following)
 - 1) Arithmetic 35-53 within one year;
 - 2) ACT score: Math 15-17 within one year;

- 3) Placement into MATH 0950; or
 - 4) MATH 0920 with C or better within one year
- b. English Qualifications (one of the following)
- 1) AP English credit - must be listed on SLCC transcript;
 - 2) CLEP English credit - must be listed on SLCC transcript;
 - 3) Placement into ENGL 1010 with CPT or ACT; or
 - 4) WRTG 0990 - with C or better

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent to the Medical Administrative Assistant Coordinator. Transcripts submitted to Enrollment Services must remain in the main college records office, so a second set must be sent.
2. Transfer credits and course grades are considered only on completed course in which grades are received, not on course-in-progress.

The program will start a group of students each semester.

Satisfactory progress through the MA program requires attendance in both theory and clinical sections. Students should complete their planned curriculum in sequential order without interruption. Successful completion of the program leading to graduation requires that all listed classes show a 74% or better.

PREREQUISITES

It is the student's responsibility to examine each course description for details on prerequisite courses. Those prerequisites must be satisfied before designated courses can be taken. Students must comply with prerequisites stated above.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. The students should check the semester class schedule for availability and modifications caused by varying enrollment. All classes in the program are taught during the day MA 1100, MA 2300, MA 2540, MA 2550 and MA 2990 also are taught as evening courses.

HUMAN RELATIONS, COMPUTATION, AND COMMUNICATION
PSY 1100, MA 1200/MA 1210 and MA 2240 meet Human Relations/Communication requirements. MA 1200/MA 1210 and MA 2240/MATH 1020 meet computation requirements.

CERTIFICATE OF COMPLETION/^{CTE} MEDICAL ASSISTANT

(minimum 49 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
PSY 1100 Human Growth	3	A	none
MA 1100 Med Terminology	2	A	none
MA 1200 Med Off Mgmt	4	A	proof of word processing proficiency
MA 1210 Med Off Mgmt	2	A	w/ MA 1200
MA 1300 Clinical Pharmacology	4	A	MA 1100, MA 1420, w/MA 2420
MA 1310 Phleb/Admin of Meds	1	A	w/MA 1300, w/MA 2420
MA 1420 Clinical Pathology	3	A	w/ MA 1100
MA 1600 Patient Care	2	A	MA 1100, MA 1420, w/MA 2420
MA 1610 Patient Care	3	A	MA 1100, MA 1420
MA 2240 Med Off Com	2	A	MA 1100, MA 1200, MA 1210, w/MA 2420

MA 2300 Med Coding Pro	3	A	MA 1100, MA 1420
MA 2420 Clinical Pathology II	3	A	MA 1420
MA 2540 Prac Radiology	2	A	MA 1420, MA 1600, instructor's approval w/MA 2540
MA 2550 Radiology	3	A	MA 2420, MA 1600 w/MA 1600
MA 2600 Adv Patient Care	2	A	Successful completion of all required courses in the program w/C (74%) or better
MA 2610 Adv Patient Care	3	A	MATH 0920 or MATH 0950 w/C, or appropriate CPT score
MA 2810 MedAsst Extn	4	A	
MATH 1020 Math f/Health Discip	3	A	

ADDITIONAL DEPARTMENT OFFERING

MA 1500 Med Trms/Procedrs	6	Sp	none
MA 2310 Adv Code	7	F, Sp	Instructor approval
MA 2990 Special Studies	7	F, Sp	Instructor approval

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
MA	1100	2	MA	1300	4
MA	1200	4	MA	1310	1
MA	1210	2	MA	1600	2
MA	1420	3	MA	1610	3
MATH	1020	3	MA	2240	2
PSY	1100	3	MA	2420	3
TOTAL		17	TOTAL		15
THIRD SEMESTER					
MA	2300	3			
MA	2540	2			
MA	2550	3			
MA	2600	2			
MA	2610	3			
MA	2810	4			
TOTAL		17			

MEDICAL CODING AND BILLING

SEE SKILLS CENTER.

MEDICAL LABORATORY TECHNICIAN

NOTE: New students are not being accepted to the Medical Laboratory Technician Program at this time.

NOTE: Students may enroll Fall 2006 to complete by August 2007 (or August 2008 for part-time students.) No new enrollments will be accepted after Fall 2006.

Estimated cost of books, supplies and fees per semester \$400

Jordan Campus - (801) 957-4098
General Information (801) 957-4073
Academic Advisor: JC164A, (801) 957-4407
<http://www.slcc.edu/medlab/index.asp>

Karen A. Brown, MS, MT (ASCP), CLS
Associate Professor and MLT Program Director
Department of Pathology
University of Utah/Salt Lake Community College
(801) 581-3544
Karen.Brown@path.utah.edu

THE PROGRAM

The medical laboratory technician (MLT) performs general tests in all laboratory areas. Working under the supervision of a medical technologist, MLTs hunt for clues to the absence, presence, extent and causes of diseases. Graduates are eligible to take a national certification exam. Some MLT courses may be counted towards a

bachelor's degree at the University of Utah. For those interested in knowing more about clinical laboratory careers, MLT 1010 provides an introduction to the laboratory field.

General Education, electives and clinical courses in this program provide experiences in effective oral and written communication and human relations skills.

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 8410 W. Bryn Mawr Avenue, Chicago, IL 60631-3415 (773) 714-8880, or website <http://www.naacls.org>.

PREPARATION NOTE

Students accepted into the MLT program will need to meet health and safety requirements that need to be completed by the first day of fall semester. Contact Karen Brown for information.

To continue in the program, students need to complete the required curriculum in the order outlined and receive a grade of a C+ or better.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisites that must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Second year courses are offered at the University of Utah in the Department of Pathology and are taught by University faculty.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN MEDICAL LABORATORY TECHNICIAN

(minimum of 75 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm	3	A	none
ENGL 1010	Intro to Writing	3	A	none
LE 1220	Human Relations	3	A	none
OR				
PSY 1100	Hmn Grwth/Dev	3	A	none
*MATH1010	Interm Algebra	4	A	MATH 0990 or CPT score

*(Requires a minimum of a C+)

MAJOR COURSE REQUIREMENTS

REQUIRE A MINIMUM GRADE OF A C
(*REQUIRE A MINIMUM GRADE OF C+)

COURSE		CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score.
*BIOL 1615	General Biol Lab	0	A	W/BIOL 1615 (lab)
*BIOL 2420	Human Physiology	4	A	BIOL 1170, or BIOL 1610, w/BIOL 2425 (Lab)
*CHEM1110	Elem Chemistry	4	A	w/CHEM 1115
*CHEM1115	Elem Chem Lb	1	A	w/CHEM 1110
*CHEM1120	Bio Organic Chem	4	A	CHEM 1110, w/CHEM 1125
*CHEM1125	Bio Org Chem Lb	1	A	CHEM 1110, w/CHEM 1120
*MLT 1010	Diag Med	2	F	none
MLT 1620	Intro to Med Lab	1	F	instructor's approval

*MLT 1700	Prin/Prac of Phleb	3	Sp	none
MLT 2200	Clinical Chemistry	4	Sp	instructor's approval
MLT 2300	Hematology	3	F	instructor's approval
MLT 2310	Coagulation	2	Sp	MLT 2300
MLT 2400	Immunohematol	4	Sp	instructor's approval
MLT 2500	Pthogenic Microbio	5	F	instructor's approval
MLT 2700	Immunology	3	F	instructor's approval
MLT 2850	Body Fluids	2	Sp	instructor's approval
MLT 2900	App Clinical Chem	3	Su	instructor's approval
MLT 2910	App Clinical Coagu	1	Su	instructor's approval
MLT 2920	App Clinical Hema	3	Su	instructor's approval
MLT 2930	AppClinBloodBnk	3	Su	instructor's approval
MLT 2940	App Clinical Immu	1	Su	instructor's approval
MLT 2950	App Clin Microbio	3	Su	instructor's approval
MLT 2960	Special Topics	1	Su	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
BIOL 1170		4		BIOL 2420		4	
W/BIOL 1175 (LAB)				W/BIOL 2425 (LAB)			
CHEM 1110		4		CHEM 1120		4	
CHEM 1115		1		CHEM 1125		1	
MATH 1010		4		LE 1220		3	
MLT 1010		2		OR			
TOTAL		15		PSY 1100		3	
				COMM 1010		3	
				MLT 1700		3	
				TOTAL		18	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
MLT 1620		1		ENGL 1010		3	
MLT 2300		3		MLT 2200		4	
MLT 2500		5		MLT 2310		2	
MLT 2700		3		MLT 2400		4	
TOTAL		12		MLT 2850		2	
				TOTAL		15	
SUMMER TERM (CLINICALS)							
MLT 2900		3					
MLT 2910		1					
MLT 2920		3					
MLT 2930		3					
MLT 2940		1					
MLT 2950		3					
MLT 2960		1					
TOTAL		15					

METAL

SEE **METAL FABRICATION AND JOINTING TECHNOLOGY AND SHEET METAL JATC TECHNOLOGY UNDER APPRENTICESHIPS.**

MILLWRIGHTS JATC TECHNOLOGY APPRENTICESHIP

SEE **APPRENTICESHIPS.**

MOTORCYCLES AND^{CTE} OUTDOOR POWER EQUIPMENT TECHNOLOGY

Motorcycles and Outdoor Power Equipment Technology classes are being offered on a self-support basis through Continuing Education. Classes meet Monday through Friday from 8:00 am to 1:00 pm during both the fall and summer semesters. The courses currently focus on motorcycles and all-terrain vehicles. The curriculum is also applicable to marine engines, snowmobiles and other small power equipment including lawn and turf maintenance equipment.

Students completing these courses are eligible to receive a Continuing Education Certificate, and may also receive specific industry certifications. Contact (801) 957-4346 for information related to specific industry certifications and program details.

A credit-bearing program incorporating elements of the former Small Engine/Vehicle Technician program, tentatively entitled Motorcycles and Outdoor Power Equipment Technology, is being developed pending budget availability, curriculum development, and accompanying approvals.

MUSIC

SEE ALSO **FINE ARTS**.

South City Campus (801) 957-4130
General Information (801) 957-4073
Academic Advisor SC 240 (801) 957-4184
<http://www.slcc.edu/performingarts>

Associate Professor: Helen Stringham
Assistant Professors: Lyle Archibald, Craig Ferrin.

THE PROGRAM

The Music Department offers a two-year program of music education for students planning to major in music at a four-year institution as well as the student who is interested in improving their individual musical knowledge and abilities.

Departmental offerings include music theory, conducting, MIDI technology (computer/synthesizer,) songwriting, music history and music appreciation. The Department also offers opportunities to develop individual music skills in guitar, piano and voice as well as performing experience in auditioned and nonauditioned ensembles.

The Music Department faculty supports high standards in music education; they encourage and mentor individual students to attain their highest potential.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisites for each class. Those prerequisites must be satisfied before the designated class may be taken. Beginning music students who are learning basic music theory should enroll in MUSC 1100 together with MUSC 1110 and MUSC 1130.

BOOKS AND SUPPLIES

Cost of supplies and texts are comparable with other General Education classes at approximately \$40 per text. Some courses require additional fees or may require concert attendance.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quant Reas	3	A	MATH 1010 or approp CPT score
OR			
MATH 1040 Statistics	3	A	MATH 1010 or approp CPT score
OR			
MATH 1050 College Algebra	4	A	MATH 1010 or approp CPT score

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC _____ 1 A none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none (except MUSC 1010)
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
*MUSC 0990 Recital Attend	0	A	none
MUSC 1010 Intro to Music	3	A	none
MUSC 1150 Group Piano I	1	F, Sp	none
MUSC 1160 Group Piano II	1	Sp	MUSC 1150
MUSC 1110 Music Theory I	3	F	w/MUSC 1130
MUSC 1120 Music Theory II	3	Sp	MUSC 1110, w/MUSC 1140
MUSC 1130 SS and Ear I	1	F	w/MUSC 1110
MUSC 1140 SS and Ear II	1	Sp	MUSC 1130, w/MUSC 1120

*MUSC1370 Concert Choir 1 F, Sp audition

OR
*MUSC1380 Chamber Singers 1 F, Sp audition

MUSC 2110 Music Theory III 3 F MUSC 1120,
w/MUSC 2130

MUSC 2120 Music Theory IV 3 Sp MUSC 2110,
w/MUSC 2140

MUSC 2130 SS and Ear III 1 F MUSC 1140,
w/MUSC 2110

MUSC 2140 SS and Ear IV 1 Sp MUSC 2130,
w/MUSC 2120

MUSC 2350 Bas Conducting 2 Sp MUSC 1120

*One of these courses must be taken each semester for four semesters (four credits.) Students may also use MUSC 1390 and MUSC 1450 to fulfill the four credits.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
MUSC 0990	0	MUSC 0990	0
MUSC 1010	3	MUSC 1160	1
MUSC 1150	1	MUSC 1370	1
MUSC 1370	1	OR	
OR		MUSC 1380	1
MUSC 1380	1	MUSC 1120	3
MUSC 1110	3	MUSC 1140	1
MUSC 1130	1	HLAC	1
ENGL 1010	3	DISTRIBUTION	6
AMERICAN INST	3	STUDENT CHOICE	3
TOTAL	15	TOTAL	16
2ND FALL SEMESTER		2ND SPRING SEMESTER	
MUSC 0990	0	MUSC 0990	0
MUSC 1370	1	MUSC 1370	1
OR		OR	
MUSC 1380	1	MUSC 1380	1
MUSC 2110	3	MUSC 2350	2
MUSC 2130	1	MUSC 2120	3
DISTRIBUTION	6	MUSC 2140	1
QUANT LITERACY	3-4	ENGL 2010	3
TOTAL	14-15	DISTRIBUTION	6
		TOTAL	16

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
MUSC 0990	Recital Attend	0	A	none
MUSC 1010	Intro to Music	3	A	none
MUSC 1030	Survey of Jazz	3		none
MUSC 1040	Surv/Am Pop Music	3		none
MUSC 1050	Songwriting I	2	F, Sp	none
MUSC 1060	Songwriting II	2	Sp	MUSC 1050
MUSC 1080	Intro to World Music	3		none
MUSC 1090	Bridging the Arts	3	A	none
MUSC 1100	Intro Mus Theory	2	F, Sp	none
MUSC 1110	Music Theory I	3	F	w/MUSC 1130
MUSC 1120	Music Theory II	3	Sp	MUSC 1110, w/MUSC 1140
MUSC 1130	SS and Ear I	1	F	w/MUSC 1110
MUSC 1140	SS and Ear II	1	Sp	MUSC 1130, w/MUSC 1120
MUSC 1145	Intro to Piano	2	F	none
MUSC 1150	Group Piano I	1	F, Sp	none
MUSC 1160	Group Piano II	1	Sp	MUSC 1150
MUSC 1210	Music in Hist I	3	F	none
MUSC 1220	Music in Hist II	3	Sp	none
MUSC 1310	Group Voice I	2	A	none
MUSC 1350	College Chorale	1	F, Sp	none
MUSC 1360	College Chorale	0	F, Sp	none
MUSC 1370	Concert Choir	1	F, Sp	audition
MUSC 1380	Chamber Singers	1	F, Sp	audition
MUSC 1390	South City Jazz	1	F, Sp	audition
MUSC 1450	Bruin Band	1	TBA	none
MUSC 1460	Chamber Ensm	1	F, Sp	audition
MUSC 1470	Jazz Band	1	F, Sp	none
MUSC 1480	Guitar Ensembl	1	F, Sp	audition
MUSC 1610	Group Guitar I	2	A	none
MUSC 1620	Group Guitar II	2	F, Sp	MUSC 1610
MUSC 1660	Frtbrd Theory I	2	F	none
MUSC 1670	Frtbrd Theory II	2	Sp	MUSC 1660
MUSC 1710	Priv Guitar Inst	1	F, Sp	none
MUSC 1730	Private Piano	1	A	approval
MUSC 1750	Private Voice	1	F, Sp	none
MUSC 1770	Private Percussion	1		none
MUSC 1900	Special Studies	1-3	F, Sp	approval
MUSC 2350	Fund Conducting	2	Sp	MUSC 1120
MUSC 2110	Music Theory III	3	F	MUSC 1120, w/MUSC 2130
MUSC 2130	SS and Ear III	1	F	MUSC 1140, w/MUSC 2110
MUSC 2120	Music Theory IV	3	Sp	MUSC 2110, w/MUSC 2140
MUSC 2140	SS and Ear IV	1	Sp	MUSC 2130, w/MUSC 2120
MUSC 2900	Special Topics	1-3	TBA	none
MUSC 2990	Perf Arts Connet	2	Sp	approval

NAVAJOSEE **LANGUAGE AND CULTURE**.**NETWORK ADMINISTRATOR (MCSA)**SEE **SKILLS CENTER**.**NETWORK ENGINEER (MCSE)**SEE **SKILLS CENTER**.**NON-DESTRUCTIVE TESTING TECHNOLOGY**

Estimated cost of books and supplies for program \$350

Meadowbrook Campus

International Airport Center (801) 957-4448

General Information (801) 957-4073

Academic Advisor CT 186 (801) 957-4550

Instructor: Mark J. Sabolik

THE PROGRAM

The non-destructive testing program offers students the opportunity for a career in a progressive new field with many diverse job opportunities and excellent entry-level salaries.

Non-destructive testing involves the examination of an object in any manner that will not impair its future usefulness. The six major NDT methods, radiography, ultrasonics, eddy current, magnetic particle, liquid penetrant and visual inspection, are used in a variety of industries including aerospace, petro-chemical, automotive, metals, non-metals, nuclear, marine, electronics, construction, aircraft, materials joining, utilities and many others. Students learn to perform the basic testing techniques on both metals and non-metals, such as synthetics and composites, as well as how to evaluate results and write final reports. Learning will be enhanced through field trips to area businesses and presentations by guest speakers.

During the first two semesters in NDT, the training will focus on basic manufacturing and materials-joining processes, including visual inspection, magnetic particles and liquid penetrant techniques. The third and fourth semesters will include eddy current, radiography and ultrasonics. The third and fourth semesters are dedicated to advanced study of these testing methods as well as computer application in NDT.

Placement services are provided by the College.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication, human relations skills, communication skills and team building.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of the first-semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN NON-DESTRUCTIVE TESTING TECHNOLOGY

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

IND 1120	Mth for Ind	3	A	none
OR				
MATH 1030	Quant Reas	3	A	MATH 1010

COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relation	3	A	none
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DISTRIBUTION AREAS

Choose an additional three credits from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
ENGL 2100	Technical Wrtn	3	A	ENGL 1010
NDT 1110	Intro to NDT	3	TBA	none
NDT 1114	Ultrasonics I	3	TBA	w/IND 1120
NDT 1115	Ultrasonics I Lb	1	TBA	w/NDT 1114
NDT 1120	Magnetic Parti	2	TBA	w/NDT 1121
NDT 1121	Magnetic Part L	1	TBA	w/NDT 1120
NDT 1122	Eddy Current I	3	TBA	IND 1120, w/NDT 1123
NDT 1123	Eddy Curr I Lab	1	TBA	w/NDT 1122
NDT 1130	Radiography Saf	3	TBA	IND 1120
NDT 1132	Radiography I	3	TBA	NDT 1130, IND 1120, w/NDT 1133
NDT 1133	Radiography I L	1	TBA	w/NDT 1132
NDT 1210	Liquid	2	TBA	w/NDT 1211
NDT 1211	Liquid Pntrnt L	1	TBA	w/NDT 1210
NDT 1213	Ultrasonics II	3	TBA	NDT 1114, NDT 1115, w/NDT 1214
NDT 1214	Ultrasonics II Lb	1	TBA	w/NDT 1213
NDT 1222	Eddy Current II	3	TBA	NDT 1122, NDT 1123, w/NDT 1223
NDT 1223	Eddy Curr II Lab	1	TBA	w/NDT 1222
NDT 1230	Codes & Proced	2	TBA	instructor's approval
NDT 1232	Radiography II	3	TBA	NDT 1132, NDT 1133, w/NDT 1233
NDT 1233	Radiography II L	1	TBA	w/NDT 1232
NDT 1234	Adv NDT Concep	3	TBA	approval
WLD 1005	Related Welding	3	A	none
WLD 1260	Blueprnt Wldng	3	F	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
NDT 1110	3		NDT 1122	3	
NDT 1114	3		NDT 1123	1	
NDT 1115	1		NDT 1130	3	
NDT 1120	2		NDT 1132	3	
NDT 1121	1		NDT 1133	1	
COMM 1010	3		ENGL 1010	3	
LE 1220	3		IND 1120	3	
TOTAL	16		OR		
			MATH 1030	3	
			TOTAL	17	

2ND FALL SEMESTER			2ND SPRING SEMESTER		
NDT 1210	2		NDT 1222	3	
NDT 1211	1		NDT 1223	1	
NDT 1213	3		NDT 1232	3	
NDT 1214	1		NDT 1233	1	
NDT 1230	2		NDT 1234	3	
WLD 1005	3		DISTRIBUTION	3	
WLD 1260	3		TOTAL	14	
ENGL 2100	3				
TOTAL	18				

NURSE ASSISTANT (CERTIFIED)

SEE **SKILLS CENTER**.

NURSING

Estimated cost of books and supplies and fees	
Books per year	\$1,000
Graduation Fees	35
NCLEX Fees (per level)	200
Standardized Test Fee (per year)	30
Student Picture ID	5
Nursing Picture (optional)	50
Uniform	25
Nursing supplies	100
Lab Fees	300

Including Practical Nurse Exit Option
Advanced Placement LPN-RN Option
<http://www.slcc.edu/nursing/index.asp>

School of Health Sciences - Jordan Campus
General Information (801) 957-4073
Division of Nursing (801) 957-4932
Academic Advising, SC 240 (801) 957-4073
Advising Appointment (801) 957-4978
Enrollment Services: SC220 J (801) 957-4163

Division Chair/Program Director: Joyce Barra

Professors: Georgia Anderson, Joyce Barra, Susan Labasky, Peggy Stevens

Associate Professors: Beverly Anderson, Donna Thompson

Assistant Professors: Jennifer Barnes, Andrea Crittenden, Wilma Dolowitz,
Kim Dumas, Traci Hardell, Kori Matthews, Carma Miller, Julie Rowsey,
Barbara Stencil, Carol Whitesides

Instructors: Antoinette France, Debora Jackson, Jane Jensen, Diane Moss,
Donna Murphy, Martha Nelson, Lori Norton, Sarah Pacheco

THE PROGRAM

The nursing program is a two-year curriculum. Successful completion entitles the student to an Associate of Applied Science degree. Graduates may then complete the NCLEX exam for licensure as a registered nurse. Completing the AS degree requirements outlined under **HEALTH SCIENCES** will enable the student to transfer to a four-year institution for completion of a Bachelor of Science degree in nursing. Contact an academic advisor for additional information.

Registered nurses function in a variety of roles--provider of care and manager of care in various health care settings including acute care, long term care, and community settings. As a member of this discipline of nursing, registered nurses practice within the scope of practice as outline in the Utah Nurse Practice Act.

Salt Lake Community College Associate of Applied Science is approved by the Utah State Board of Nursing and accredited by the National League for Nursing Accrediting Commission, NLNAC, 61 Broadway, 33rd Floor, New York, NY 10006, (212) 363-5555, ext. 153, <http://www.nlnac.org>.

The program provides both general and technical education for continuing nursing students and for practical nurses to earn an associate of applied science degree in registered nursing.

Students will be required to submit to a criminal background check and drug testing. The expenses of these requirements are additional student costs.

Students with a history of a misdemeanor or felony involving moral turpitude may not be eligible for state licensure. Questions should be directed to the Utah State Department of Occupational and Professional Licensing, <http://www.dopl.utah.gov/>.

The Program offers a "spin-off" course at the completion of the first year. This is for students who choose to exit or are unable to complete the two-year program. Students completing their first year may take the N-CLEX for practical nursing licensure by equivalency.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisite classes must be satisfied before the designated class may be taken.

Applicants are admitted into the nursing program without discrimination or harassment based on beliefs, sex, national origin, age, pregnancy, or marital status. Students with disabilities can be admitted to the nursing program, if they can meet nursing program performance objectives with reasonable accommodations.

ADMISSION PROCESS

The following admission criteria must be met before the applicant will be accepted into the program.

1. Be admitted through the SLCC Enrollment Services (SC 220) as matriculated student declaring a major in Health Science with an emphasis in pre-nursing.
2. High School graduate or equivalent Submit OFFICIAL, SEALED transcripts for ALL colleges and universities where prerequisites course work has been completed. Send to Enrollment Services, SC 220 (see Note below.)
3. General Education courses and program requirement core prerequisites as follows (all must be completed with a C+ or better):
 - a. MATH 1020: Math for Health Disciplines (This math course meets the General Education requirements for AAS degree nursing students. Students seeking an AS degree or transferring for BSN completions will require additional math classes)
 - b. BIOL 1610/1615: College Biology I and Lab
 - c. BIOL 2320/2325 Human Anatomy and Lab
 - d. BIOL 2420/2425 Human Physiology and Lab
 - e. CHEM 1110/1115 Elementary Chemistry and Lab.
4. Submit Nursing Program application. Current applications are available in Enrollment Services, SC 220. Students will receive a letter indicating acceptance into the Nursing program if the student has successfully completed requirements 1-4.
5. Students are encouraged to complete support courses prior to beginning the nursing program, including PSY 1100, HLTH 1020, and ENGL 1010.

6. Students accepted into the nursing program must meet the same health and safety requirements as the participating clinical facilities require of their own employees. These requirements are current during the entire program. Documentation for the following is required prior to first day of class for NSG 1350:
 - a. Tdap
 - b. MMR (Measles, Mumps, Rubella) immunization
 - c. Negative Tuberculosis (TB) skin test*
 - d. Hepta-vax (Hepatitis B) series
 - e. Varicella vaccine or a positive titre
 - f. Students will be required to submit to and pass a criminal background check and drug testing. The expenses of these requirements are additional student costs.

*In the event that students have a positive TB skin test, a negative TB chest X-ray is required.

SPECIAL NOTE FOR TRANSFER STUDENTS:

Transcripts from other colleges or universities must be official (sealed and sent by the issuing institution) and must be sent directly to:

SLCC ENROLLMENT SERVICES
4600 SOUTH REDWOOD ROAD
P.O. BOX 30808
SALT LAKE CITY, UTAH 84130-0808

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN NURSING

(minimum 72 hours required)

This section outlines the General Education requirements for the Associate of Applied Science (AAS). In addition to the credits outlined below, students will need to complete additional credits in their academic program to graduate with an AAS degree.

ADMISSION PREREQUISITES

The following courses must be completed before beginning the nursing program. Courses must be completed with a C+ or better.

COURSE			CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A		(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/BIOL 1615 (lab) BIOL 1610 w/BIOL 2325 (Lab)
BIOL 2320	Human Anatomy	4	A		MATH 0920 or MATH 0950 or appropriate CPT score BIOL 1610 w/BIOL 2425 (Lab)
MATH 1020	Math f/HLth Discp	3	A		MATH 1010 or equiv, concurrent w/CHEM 1115
BIOL 2420	Human Physlgy	4	A		Concurrent w/CHEM 1110
CHEM 1110	Elem Chemistry	4	A		
CHEM 1115	Elem Chem Lab	1	A		

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test

NURSING

QUANTITATIVE LITERACY

*MATH 1020	Math for Health	3	A	MATH 0920 or MATH 0950 or appropriate CPT score
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*Transferring students may challenge MATH 1020. Students also may challenge MATH 1010 or take the CPT examination to meet the prerequisites for MATH 1040 or MATH 1050.

COMMUNICATION

The philosophy of the Nursing Program contains communication as a curriculum thread. Courses integrate communication into content presented in the classroom and clinical settings. Students learn basic communication skills in the beginning level courses. Additional content is added with each course, including group dynamics, group communication, therapeutic and non-therapeutic patterns of communication.

HUMAN RELATIONS

Human relations training is embedded within the nursing curriculum. Human needs and interpersonal relationships are constant with each patient/nurse relationship and is threaded throughout the nursing curriculum.

DISTRIBUTION AREAS

Required distribution hours are fulfilled by completing the following courses, required for the Nursing AAS:

COURSE		CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score.
BIOL 2320	Human Anatomy	4	A	W/BIOL 1615 (lab) BIOL 1610 w/BIOL 2325 (Lab)
BIOL 2420	Human Physlgy	4	A	BIOL 1610 w/BIOL 2425 (Lab)
CHEM 1110	Elem Chemistry	4	A	MATH 1010 or equiv, concurrent w/CHEM 1115
CHEM 1115	Elem Chem Lab	1	A	Concurrent w/CHEM 1110

*Meets SLCC distribution requirements.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
BIOL 2320	Human Anatomy	4	A	BIOL 1610 w/BIOL 2325 (Lab)
BIOL 2420	Human Physlgy	4	A	BIOL 1610 w/BIOL 2425 (Lab)
CHEM 1110	Elem Chemistry	4	A	MATH 1010 or equiv, concurrent w/CHEM 1115
CHEM 1115	Elem Chem Lab	1	A	Concurrent w/CHEM 1110
HLTH 1020	Fndtns of Nutritn	3	A	none
NSG 1250	Pharmacology I	2	F, Sp	admission to the program
NSG 1350	Fndamntals of Nsg	7	F, Sp	admission to the program
NSG 1400	Maternal/Newborn	3	F, Sp	NSG 1250, NSG 1350 and NSG 2900
NSG 1500	Nsg Care of Childr	3	A	NSG 1350
NSG 1700	Med/Surg Nsg	5	F, Sp	NSG 1350
NSG 2200	Adv Med/Srg T	6	F, Sp	Completion of first year
NSG 2250	Pharmacology II	2	F, Sp	NSG 1250
NSG 2300	Commnty Nsg	3	F, Sp	NSG 2200
NSG 2400	High Acuity Nsg	3	F, Sp	NSG 2200
NSG 2500	Mgmt,Trnds,Issues	2	F, Sp	Completion of first year of Nursing

NSG 2600	Mental Health Nsg	3	F, Sp	NSG 2200
NSG 2900	Pathophysiology	4	F, Sp	admission to the program
PSY 1100	Hmn Growth/Dev	3	A	none

ELECTIVES

COURSE		CR	SEM	PREREQUISITES
NSG 1990	Ind Study (1st year)	1-5		
NSG 2990	Ind Study (2nd year)	1-5		

ADDITIONAL OFFERINGS

SPIN-OFF COURSE

(OFFERS EQUIVALENCY FOR PRACTICAL NURSING)

COURSE		CR	SEM	PREREQUISITES
*NSG 1800	Transition to PN	3	S	Completion of First Year

*Required for students planning to take PN Licensure Exam

TRANSITIONAL COURSE FOR ADVANCED PLACEMENT STUDENTS (IF APPLICABLE)

COURSE		CR	SEM	PREREQUISITES
**NSG 1900	Trans to Nsg AAS	1	F, Sp	Current LPN competency exam

**Required for Advanced Placement Students.

INDEPENDENT STUDIES COURSES

COURSE		CR	SEM	PREREQUISITES
NSG 1990	Independent Study	1-5	A	Department approval
NSG 2990	Ind Study 2nd year	1-5	A	2nd year student and Department approval

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
MATH	1020	3		BIOL	2320	4	
BIOL	1610	4		W/BIOL	2325 (LAB)		
W/BIOL	1615 (LAB)			CHEM	1110	4	
ENG	1010	3		CHEM	1115	1	
PSY	1100	3		HLTH	1020	3	
TOTAL		13		TOTAL		12	
SUMMER TERM							
BIOL	2420	4					
W/BIOL	2425 (LAB)						
TOTAL		4					
2ND FALL SEMESTER				2ND SPRING SEMESTER			
NSG	1250	2		NSG	1400	3	
NSG	1350	7		NSG	1500	3	
NSG	2900	4		NSG	1700	5	
TOTAL		14		TOTAL		11	
FIRST YEAR NURSING COMPETENCY EXAM							
3RD FALL SEMESTER				3RD SPRING SEMESTER			
NSG	2200	6		NSG	2300	3	
NSG	2250	2		NSG	2400	3	
NSG	2600	3		NSG	2500	2	
TOTAL		14		TOTAL		8	
SECOND YEAR NURSING COMPETENCY EXAM							

To maintain a position in the program after starting nursing courses, students must be continually enrolled and complete all core nursing classes in sequence, as well as maintain a grade of C+ or better in all courses.

Successful completion of the Competency Exams is a program and graduation requirement.

ADVANCED PLACEMENT IN NURSING

The program also offers an Advanced Placement option. This is for students who have completed a practical nursing program and are eligible for licensure as a practical nurse in Utah, or already have a license.

ADMISSION PROCESS FOR ADVANCED PLACEMENT

Students seeking admission into the advancement placement program must meet the following requirements:

1. PN graduation requirements including General Education and science support classes.
2. Demonstrate competency in specified areas by satisfactory score on standard exam.
3. Graduation from a state approved practical nursing program. SLCC retains the right to re-evaluate or retest students coming from non-NLNAC accredited programs. Official transcripts from all colleges or universities are sent directly to Enrollment Services, SC220. Transfer credits calculated only from complete courses in which a grade was received, not on course-in-progress.
4. Current LPN License (original not copy) Final acceptance into the Nursing program is subject to completing additional criteria as follows:
5. Students will be required to submit to a criminal background check and drug testing. The expenses of these requirements are additional student costs.

Application forms to nursing are available in SLCC Enrollment Services (SC220). Applicants must submit ALL documentation verifying qualifications, with the exception of a reference letter, with the application. Enrollment is limited and determined by available clinical instruction sites.

OSHA TRAINING

SEE ENVIRONMENTAL TECHNOLOGY AND SKILLS CENTER.

OCCUPATIONAL THERAPY ASSISTANT

Estimated cost of books for program	\$800
Lab fee per semester (Semester I, II, II only)	50
National Certification Exam	495
Licensing and exam	110

Jordan Campus (801) 957-4894, (801) 957-4394
 General Program Information (801) 957-4098
 Academic Advisor JC164A (801) 957-4407
<http://www.slcc.edu/ota/index.asp>

Assistant Professors: Brenda Lyman.
 Instructor: Leanne Seckinger

THE PROGRAM

Occupational Therapy is a health profession that provides services to children and adults of all ages whose lives have been disrupted by physical injury or illness, developmental problems, the aging process and/or psychosocial dysfunction. Occupational Therapy Assistants use occupation and purposeful activity with clients/patients to help them reach their maximum level of independence. Specific tasks may include daily living skill training, fabrication of adaptive equipment, leading individual and group treatment activities, adapting home environments, ADA architectural accessibility standards, enabling computer access for the disabled, cognitive retraining, improving development of gross/fine motor skills and activities that enhance quality of life. Graduates will receive an Associate of Applied Science degree after successful completion of academic and fieldwork experiences.

This program is accredited by the Accreditation Council for Therapy Education (ACOTE), 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20814-3425, (301) 652-2682, (301) 652-7711 (FAX), (800) 377-8555 (TTY). Graduates will be prepared to take the national certification examination administered by the National Board for Certification in Occupational Therapy, Inc. After successful completion of the exam, the individual will be a certified

occupational therapy assistant (COTA) and eligible for fieldwork state licensure which is required to practice in Utah. Students with a history of a misdemeanor or felony may not be eligible for fieldwork placements, state licensure or national certification and should contact the program coordinator before enrolling in classes.

Work include settings such as acute care hospitals, rehabilitation centers, psychiatric hospitals, community living facilities, home health agencies, community mental health centers, school systems, nursing homes, burn centers and rehabilitation clinics employ COTAs. Specialty areas of practice can be pursued by the graduate which may include pediatrics, geriatrics, physical dysfunction, psychiatry and assistive technology. COTAs work under the supervision of licensed, occupational therapists.

The OTA program is an engaged service learning program. Service learning requirements are embedded in coursework. Students are required to spend 150 hours or more involved in service learning. The expenses of these requirements are additional student costs. Students with a "B" average or higher will graduate as service learning scholars.

CLASS AVAILABILITY

Program classes must be completed in sequence before registering for the next semester's OTA courses. Fieldwork I must be completed concurrently and registered for in sequence. All academic course work and Fieldwork I must be satisfactorily completed before registering for Fieldwork II. Fieldwork experiences will be assigned by the program faculty. Fieldwork II will take place during semester IV as a full time externship.

PREPARATION NOTE

Students accepted into the occupational therapy assistant program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be kept current during enrollment of the entire program. Documentation for the following is required prior to the first day of class of year one fall semester:

1. First Aid Certification
2. CPR Certification (Health Care Provider)
3. Required Immunizations
 - a. Tdap or Tetanus within two years
 - b. MMR (Measles, Mumps, Rubella)
 - c. Negative tuberculosis (TB) test. Students who have a positive skin test must provide a negative TB chest x-ray.
 - d. Hepta-vax (Hepatitis B) series
 - e. Varicella vaccine or a positive titer
4. Students will be required to submit a criminal background check and drug testing. The expenses of these requirements are additional student costs.
5. A student may refuse any of the immunizations by signing waiver and release forms but in so doing may limit clinical opportunities.

GENERAL COLLEGE ADMISSION

A student seeking admission to the occupational therapy assistant program must first be admitted through Enrollment Services as a matriculated student with a major of health sciences by doing the following:

1. Submit "Application for Admission as a Matriculated Student"
2. Pay general College application fee.
3. Complete ACT or CPT (placement test). This test may be waived at the discretion of Enrollment Services on the basis of previous college coursework.

4. Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed prerequisite coursework for application to the program.

SPECIAL NOTE FOR TRANSFER STUDENTS:

Transcripts from other colleges or universities submitted with application are subject to the following policies:

- A. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to Enrollment Services.
- B. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.

OCCUPATIONAL THERAPY ASSISTANT PROGRAM ADMISSION

- High school graduation or equivalent.
- BIOL 1110 (Introduction to Anatomy and Physiology) with minimum grade of B within the past five years.
- OTA 1020 with minimum grade of B.
(Can be taken only twice.)
- Math Qualifications (one of the following)
 - CPT 43 college math score within one year;
 - ACT 22 math score within one year; or
 - MATH 1010 with C or better
- English Qualifications (one of the following)
 - AP English credit - must be listed on SLCC transcript;
 - CLEP English credit - must be listed on SLCC transcript; or
 - ENGL 1010 - Introduction to Writing with a C or better
- Separate application to the occupational therapy assistant program, available from Enrollment Services.
- COMM 1010 and PSY 1100.

**APPLICANTS WILL BE NOTIFIED BY MAIL
OF THEIR ADMISSION STATUS**

- New students begin once a year in the fall.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Prerequisites must be satisfied before the designated class is taken. Successful completion of all prerequisite classes is required before admission to the program.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the class schedule for availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN OCCUPATIONAL THERAPY ASSISTANT

(minimum 73 hours required, includes prerequisites.)

**ADMISSION PREREQUISITES WITH MINIMUM GRADE
OF B BEFORE ENTERING THE PROGRAM:**

COURSE		CR	SEM	PREREQUISITES
BIOL	1110	Anatomy/Physgy	3 A	none
OTA	1020	Intro to OT	2 A	none

REQUIRED TO COMPLETE THESE BEFORE GRADUATION

COURSE		CR	SEM	PREREQUISITES
COMM	1010	Intro to Comm	3 A	none
ENGL	1010	Intro to Writing	3 A	pre-test
MATH	1010	Algebra	4 A	MATH 0990
PSY	1100	Hu Grwth/Dev	3 A	none

RECOMMENDED BUT NOT REQUIRED

COURSE		CR	SEM	PREREQUISITES
MA	1100	Med Term	2 F, Sp	none

MAJOR COURSE REQUIREMENTS**(ADMISSION INTO THE OTA PROGRAM REQUIRED)**

COURSE		CR	SEM	PREREQUISITES
OTA	1100	Functional Anat	4 F	OTA 1020
OTA	1120	OT Modlts I Lec	2 F	OTA 1020
OTA	1130	OT Modlts I Lab	1 F	OTA 1020
OTA	1140	Phy Dysfun Lec	3 F	OTA 1020
OTA	1150	Phy Dysfun Lab	1 F	OTA 1020
OTA	1170	PD Fldwk Exp	2 F	OTA 1020
OTA	1180	Domain and Process	2 F	OTA 1020
OTA	1210	OT Profess Iss I	2 Sp	OTA 1170
OTA	1220	OT Modlts II Lec	2 Sp	OTA 1120
OTA	1230	OT Modlts II Lb	1 Sp	OTA 1130
OTA	1240	Physical Dysfunc II	3 Sp	OTA 1100, OTA 1110, w/OTA 1250
OTA	1250	Phys Dysfunc II Lab	1 Sp	OTA 1100, OTA 1110, w/OTA 1240
OTA	1270	Ped FldwrkExper	2 Sp	OTA 1170
OTA	1280	Ped/Adol Lec	3 Sp	OTA 1100, OTA 1110
OTA	1290	Ped/Adol Lab	1 Sp	OTA 1100, OTA 1110
OTA	2310	OT Prof Issues II	2 F	OTA 1210
OTA	2320	Modalities III Lec	2 F	OTA 1120, OTA 1220
OTA	2330	Modalities III Lab	1 F	OTA 1130, OTA 1230
OTA	2340	Psych Behavior	3 F	OTA 1140, OTA 1280
OTA	2350	Geriatrics	3 F	OTA 1140, OTA 1240
OTA	2380	Psy/Ger Fldwrk	2 F	OTA 1170, OTA 1270
OTA	2450	Fldwrk Exp II Pt1	6 Sp	OTA 1170, OTA 1270, OTA 2380
OTA	2460	Fldwrk Exp II Pt2	6 Sp	OTA 1170, OTA 1270, OTA 2380

OPTIONAL

OTA	2960	OT & PT in Wrkplc	2 Sp	Instructor's approval
OTA	2990	Special Topics	2 Sp, Su	Instructor's approval

SAMPLE SCHEDULE

PREREQUISITES			
BIOL	1110	3	
COMM	1010	3	
ENGL	1010	3	
MATH	1010	4	
PSY	1100	3	
OTA	1020	2	
TOTAL		18	
FALL SEMESTER		SPRING SEMESTER	
OTA	1100	4	OTA 1210 2
OTA	1110	2	OTA 1220 2
OTA	1120	2	OTA 1230 1
OTA	1130	1	OTA 1240 3
OTA	1140	3	OTA 1250 1
OTA	1150	1	OTA 1270 2
OTA	1170	2	OTA 1280 3
TOTAL		15	OTA 1290 1
TOTAL			15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
OTA	2310	2	OTA 2450 6
OTA	2320	2	OTA 2460 6
OTA	2330	1	
OTA	2340	3	
OTA	2350	3	
OTA	2380	2	
TOTAL		13	12

OFFICE CLERK

SEE **SKILLS CENTER**.

OPERATING

SEE **SURGICAL TECHNICIAN**.

OPERATING ENGINEERS TECHNOLOGY APPRENTICESHIP

SEE **APPRENTICESHIPS**.

PARAEDUCATION

SEE ALSO **PRE-TEACHER EDUCATION AND FAMILY AND HUMAN STUDIES.**

Estimated cost of books per semester	\$175
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Miller Campus
Academic Programs at Miller Campus (801) 957-5200
Academic Advisor (801) 957-3361
Director (801) 957-3802

FACULTY

Paraeducation courses are taught by a combination of faculty members from the departments of pre-teacher education and family and human studies and qualified adjunct instructors familiar with the education of students at risk.

THE PROGRAM

This program is designed to prepare students to work as paraeducators in public school districts under the direction of certified classroom educators. Paraeducators who have taken the courses listed below assist classroom teachers by providing instructional support to students receiving specialized services (Title I and/or special education) in K-12 classrooms. Students desiring to transfer some of the courses to a four-year degree should plan carefully and consult with an academic advisor.

For students enrolled in the associate degree program, special arrangements have been made with Utah State University to allow students to transfer the PED core courses as an emphasis area in either elementary or special education. Students planning on transferring to Utah State University (or other higher education institutions) should consult with an advisor to determine appropriate elective and General Education course work.

Students who do not desire to transfer and/or obtain an associate degree can obtain a certificate of completion through Continuing Education. To obtain the certificate, students will be required to complete the core courses with a grade of C or better. All students desiring to obtain a certificate of completion should contact the number above prior to enrollment.

This program qualifies for requirements of the Federal "No Child Left Behind" Act.

PREREQUISITES

It is the student's responsibility to examine each course description to determine if prerequisites are required. Prerequisites must be satisfied before a class may be taken.

ELECTIVES

Elective hours should be taken from the courses listed below. Students should select electives based on personal interest as well as the requirements for elementary education or special education in the institutions to which they will transfer. Students should consult with an advisor to determine appropriate elective course work.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, EDNET availability and other modifications to the semester class schedule.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
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OR

*MATH 1050	College Algebra	4	A	MATH 1010
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*MATH1050 needed for Elementary Education at Utah State University, Weber State University and University of Utah.

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
HIST 1700	Amer Civilization	3	A	none
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

UTAH STATE UNIVERSITY TRANSFER NOTE

It is recommended that students transferring to Utah State University take Physics 1010 for their Physical Science Distribution class.

MAJOR COURSE REQUIREMENTS (18 CREDITS)

COURSE	CR	SEM	PREREQUISITES
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EDU 2010	Intro to Special Ed	3	Sp	none
FHS 1500	Human Develop	3	A	none
PSY 1100	Hu Grwth/Devlp	3	A	none
PED 1010	Intro Paraedctn	3	F, Sp	none
PED 1700	Collab in the Classrm	3	F	PED 1010
PED 2150	Exp w/Stud Rsk	3	Sp	PED 1010
PED 2160	Practicum-Int Ex	1	Sp	w/PED 2150
SOC 2630	Race/Ethnic Rel	3	F, Sp	SOC 1010

ELECTIVES (10 CREDITS)

CJ 2360	Juvenile Law	3	F,Sp	CJ 1010
EDU 1010	Orien to Elm Ed	3	F, Sp	none
FHS 2400	Marage Fam Rel	3	A	none
FHS 2610	Child Guidance	3	F, Sp	w/FHS 0010
FHS 2500	Chld Brth to 8	3	F, Sp	FHS 2600, FHS 1500, w/FHS 0010
FHS 2550	Infnt Grwth Dev	2	Sp	FHS 1500
FHS 2570	Grwth Dev 6-12	2	Sp	FHS 1500
FHS 2640	Wrkng w/Parnts	2	F	none
LANG _____	(Any Language)	5	A	none
LE 1240	Tutor Certificatn	1	A	none
MA 1100	Med Termnlogy	2	A	none
MATH 2010	Math Elm Tch I	3	F, Sp	MATH 1030 or MATH 1050

MATH	2020	Math Elm Tch II	3	Sp, Su	MATH 1030 or MATH 1050
PED	2100	Hlth Needs in Clssrm	3	Sp	PED 1010
PED	2990	Special Topics	1-3	A	Instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER					SPRING SEMESTER				
ENGL	1010	3			ENGL	2010	3		
HLTH	1500	3			FHS	1500	3		
SOC	1010	3			OR				
AMERICAN INST	3				PSY	1100	3		
DISTRIBUTION	3				MATH	1030	4		
TOTAL		15			OR				
					MATH	1050	4		
					HLAC		1		
					PED	1010	3		
					ELECTIVE		3		
					TOTAL		16-17		
2ND FALL SEMESTER					2ND SPRING SEMESTER				
PED	1700	3			BIOL	1010	3		
SOC	2630	3			EDU	2010	3		
CHEM	1010	3			PED	2150	3		
OR					PED	2160	1		
PHYS	1010	3			STUDENT CHOICE		3		
DISTRIBUTION		3			ELECTIVE		3		
ELECTIVES		4			TOTAL		16		
TOTAL		16							

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

CERTIFICATE/PARAEDUCATION^{CTE}

(minimum 18 hours required) (C or better grade in all courses)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
EDU 2010 Intro to Special Ed	3	Sp	none
FHS 1500 Human Develop	3	A	none
OR			
PSY 1100 Hu Grwth/Devlp	3	A	none
PED 1010 Intro Paraedctn	3	F, Sp	none
PED 1700 Collab in the Clssrm	3	F	PED 1010
PED 2150 Exp. W/Stud Rsk	3	Sp	PED 1010
PED 2160 Practicum Int Ex	1	Sp	w/PED 2150
SOC 2630 Race/Ethnic Rel	3	F, Sp	SOC 1010

PARALEGAL STUDIES

Business Building 109 (801) 957-5151
General Information (801) 957-5150
Academic Advisor BB 132A (801) 957-4300
Advising Appointments (801) 957-4300
For additional information (801) 957-3648
<http://www.slcc.edu/paralegalstudies/index.asp>

Associate Professor: Richard Uday
Assistant Professor: KC Jensen
Paralegal Studies Coordinator: Lacey Bagley (801) 957-3648

THE PROGRAM

A paralegal is a person qualified through education, training and work experience, who under direction and supervision of an attorney performs delegated legal work for the attorney or law firm which the attorney otherwise would perform. Although a paralegal is not licensed to practice law, he or she completes tasks traditionally performed by an attorney with the exceptions of giving legal advice, independently representing clients and any other unauthorized practice of law.

This program is designed for those considering employment as a paralegal who wish to update their professional development or for those already in the field.

Students who are interested in pursuing courses leading to a Bachelor's degree in paralegal studies should consult the Business Advisor, Business Building, room 132A or (801) 957-4323.

General Education requirements and elective courses provide training in effective oral and written communication and human relation skills. Various courses are taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

GRADE REQUIREMENTS

Students earning a grade lower than a C in major course requirements must repeat the class. The following courses require a B- or higher: PLS 1010, PLS 1030, PLS 1050 and PLS 1120.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTION

Cooperative Education is the College's program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from PLS 2000 is applied toward graduation requirements as both an alternative required class and/or as an elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN PARALEGAL STUDIES

(minimum 64-66 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
*PLS 1010	Intro Legal Sys	3	A	none
PLS 1020	Intro Civil Lit	3	A	none
*PLS 1030	Int Lgl Rsch/Wrt	3	A	ENGL 1010
*PLS 1050	Lgl Rsch/Wrtg II	3	A	PLS 1020, PLS 1030
PLS 1070	Crim Law & Prc	3	A	none
*PLS 1120	Paralegal Proc I	3	A	none
PLS 1180	Evidence	3	F, Sp	PLS 1070
PLS 2010	Comp Ess Para	3	A	none
PLS 2090	Paralegal Practicum	3	A	PLS 1010, PLS 1030, PLS 1050, PLS 1120, PLS 2010
PLS 2190	Ethics	3	A	12 hours of PLS classes
PLS 2000	CO-OP	1-6	A	PLS 1050
OR				
PLS 2200	Legal Portfolio	3	Sp	All writing courses
PLS _____	Electives	15		

*Must be completed with B- or higher, all others C or better.

PROGRAM ELECTIVES (15 CREDITS)

MA 1100	Medical Term	2	A	none
MGT 2050	Legal Env of Bus	3	A	BUS 1050
MGT 2080	Employment Law	3	A	BUS 1050
PLS 1080	Contracts	3	F, Sp	none
PLS 1100	Bankruptcy & Coll	3	F	none
PLS 1110	Wills, Prob/Est	3	Sp	none
PLS 1130	Admin Law	3	F	none
PLS 1140	Environ Law	3	F	none
PLS 1170	Family Law	3	F, Su	none
PLS 1190	Constitutional Law	3	Su	none
PLS 1300	Torts	3	F, Sp	none
PLS 1530	Real Estate Law	3	Sp	none
PLS 2000	CO-OP	1-6	A	PLS 1050
PLS 2050	Lgl Rsch/Wrt III	3	A	PLS 1050
PLS 2070	Mediation	3	F	variable
PLS 2200	Legal Portfolio	3	Sp	All writing courses
PLS 2250	Securities	3	F	PLS 1010
PLS 2260	Hollywood & the Law	3	Su	variable
PLS 2990	Special Studies	1-3	TBA	variable

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		MKTG 1960	3	
FIN 1380	3		PLS 1030	3	
PLS 1010	3		PLS 1070	3	
PLS 1020	3		PLS 2010	3	
PLS 1120	3		PLS ELECTIVES	6	
TOTAL	15		TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BUS 2200	3		PLS 2000	1-3	
PLS 1050	3		OR		
PLS 1180	3		PLS 2200	3	
PLS ELECTIVES	6		PLS 2090	3	
TOTAL	15		PLS 2190	3	
			PLS ELECTIVES	3	
			DISTRIBUTION	6	
			TOTAL	16-18	

PEACE OFFICER

SEE CONTINUING EDUCATION.

PERSONAL INTEREST

SEE CONTINUING EDUCATION.

PHARMACY TECHNICIAN

SEE CONTINUING EDUCATION.

PHYSICAL THERAPIST ASSISTANT

Estimated cost of books and supplies for program	\$600
Lab fees per year	50
Licensing fees	450

Jordan Health Sciences

General Information (801) 957-4073

Program Information (801) 957-4054

Academic Advisor, JC 164A (801) 957-4407

Enrollment Services, SC 220J; (801) 957-4163

<http://www.slcc.edu/ptassistant/index.asp>

Professor: Diana Ploeger

Associate Professors: Ken Freeman

THE PROGRAM

The physical therapist assistant (PTA) program provides both general and technical education. The physical therapist assistant program is accredited by the Commission on Accreditation in Physical Therapy Education. The program consists of 3.5 semesters of physical therapist assistant coursework and labs in addition to the prerequisite courses. Upon successful completion, graduates are awarded an associate of applied science degree. Graduates are able to sit for the national examination for physical therapist assistants, which allows the individual to be eligible for licensure in states that require licensure to practice. To practice as a physical therapist assistant in Utah, at this time, graduation from an accredited program is required. It is highly recommended that individuals sit for the national examination.

The physical therapist assistant is a health care provider working with individuals and their families under the supervision of a physical therapist in providing client care by applying a variety of therapy treatments in a variety of health care settings. Treatment techniques include heat, cold, electrotherapy, hydrotherapy, traction, massage and therapeutic exercises. Health care settings include hospitals, extended care facilities, rehabilitation centers, outpatient clinics, sports medicine clinics, work hardening programs, schools and homes. The physical therapist assistant also will be involved in modification of treatment programs, client/family education and discharge planning under the direction of a physical therapist.

Students with a history of a misdemeanor or felony involving moral turpitude may not be eligible for clinical placements due to clinical agency requirements.

GENERAL COLLEGE ADMISSION

Students seeking admission to the Physical Therapist Assistant program must first be admitted through Enrollment Services as a matriculated student with a major of Health Science by completing the following:

1. Submit SLCC "Application for Admission as a Matriculated Student."
2. Pay general College application fee.
3. Submit ACT or complete CPT (placement test). This test may be waived by Enrollment Services on the basis of previous college coursework.

PHYSICAL THERAPIST ASSISTANT ADMISSION CRITERIA

In addition to the above requirements, those seeking admission to the Physical Therapist Assistant program must meet the following admission criteria. Applicants are accepted into the program in order of their qualifying date (the date upon which all prerequisite requirements have been met and all materials submitted to the Health

Sciences Enrollment Services Technician) and if necessary, placed on a waiting list to begin the technical program. Applicants will be notified by mail of their acceptance into the technical program.

1. Submit separate "Physical Therapist Assistant Application For Admission", available in the Enrollment Services or the Health Sciences Office.
2. Document high school graduation or equivalent.
3. Complete the following prerequisites to determine qualifying date:
 - a. Qualification in Math by completing one of the following:
 - 1) CPT 43 College Math score (within one year);
 - 2) ACT 22 Math score (within one year); or
 - 3) MATH 1010 (Intermediate Algebra) with C or better.
 - b. Qualification in English:
 - 1) AP English credit--must be listed on SLCC transcript;
 - 2) CLEP English credit--must be listed on SLCC transcript; or ENGL 1010 with C grade or better--must be listed on SLCC transcript.
 - c. Completion of BIOL 2320/2325 (Human Anatomy Lecture and Lab) with B grade or better within the past five years.
4. Complete the following prerequisite course with a B grade or better before starting the technical portion of this program. This course should be taken at the same time as courses listed in #3 above.
PTA 1010 - Introduction to Physical Therapy
5. Complete the following prerequisite courses with C grades or better before starting the technical portion of the program:

PTA 1500 - Practice Issues for the PTA
PSY 1100 - Human Growth and Development
6. If any of the above coursework was completed at another college or university, applicant must provide official, sealed transcript from each institution.

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official, therefore sealed and sent by the issuing institution directly to the SLCC Enrollment Services.
2. Transfer credits and course grades are considered only on completed courses in which grades are received, not on courses-in-progress.

PREPARATION NOTE

Students accepted into the technical program must meet the same health and safety requirements the participating clinical facilities require of their own employees. These requirements must be current during the entire program. Documentation of completion of the following health and safety requirements must be submitted prior to the first day of class for PTA 2100:

1. CPR Certification (Health Care Provider)
2. Tdap immunization (current within 10 years)
3. MMR (Measles, mumps, rubella) immunization
4. Negative tuberculosis (TB) test. Note: Students who have a positive skin test must provide a negative TB chest x-ray
5. Hepa-vax (Hepatitis B) series
6. Varicella vaccine or a positive titer

7. Students will be required to submit and pass a criminal background check and drug testing. The expenses of these requirements are additional student costs.

PREREQUISITES

It is the student's responsibility to examine course descriptions for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Successful completion of all prerequisite classes is required before admission to the program.

CLASS AVAILABILITY

There is open enrollment for PTA 1000 level courses; PTA 2000 level courses will be limited to students accepted into the physical therapist assistant technical program.

To retain a position in the technical program, students must complete the technical curriculum in the order outlined and receive a C grade or better in each required class.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN PHYSICAL THERAPIST ASSISTANT

(minimum 70 hours required)

COMMUNICATION

The philosophy of the Physical Therapist Assistant Program contains communication as a curriculum thread. Courses integrate communication into content presented in the classroom and clinical settings. Students learn basic communication skills in the beginning level courses. Additional content is added with each course, including group dynamics, group communication, therapeutic and non-therapeutic patterns of communication.

HUMAN RELATIONS

Human relations training is embedded within the physical therapist assistant curriculum. Human needs and interpersonal relationships are constant with each patient/physical therapist assistant relationship and are threaded throughout the physical therapy curriculum.

ADMISSION PREREQUISITE WITH MINIMUM GRADE OF C:

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	pre-test
MATH 1010 Algebra	4	A	MATH 0990

ADMISSION PREREQUISITE WITH MINIMUM GRADE OF B:

COURSE	CR	SEM	PREREQUISITES
BIOL 2320 Human Anatomy	4	A	BIOL 1610 or BIOL 1210, w/BIOL 2325 (Lab)

COURSES REQUIRED TO BE COMPLETED BEFORE STARTING TECHNICAL PROGRAM WITH C GRADE:

COURSE	CR	SEM	PREREQUISITES
PSY 1100 Hu Growth Dev	3	A	none
PTA 1500 Practice Iss for PTA	2	A	PTA 1010

COURSE REQUIRED TO BE COMPLETED BEFORE STARTING TECHNICAL PROGRAM WITH B GRADE:

COURSE	CR	SEM	PREREQUISITES
PTA 1010 Intro to PT	2	F, Sp	none

MAJOR COURSE REQUIREMENTS (MINIMUM 51 HOURS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
PTA 2010 Funct Anatomy	4	F	PTA 1500
PTA 2100 Patient Care Skl	2	F	admission
PTA 2110 Pt Care Skills Lab	1	F	admission
PTA 2200 Ther Modal	2	F	admission

PTA	2210	Ther Modal Lab	2	F	admission
PTA	2300	Princ Ther Exer	2	F	admission
PTA	2310	Princ Ther Ex Lb	2	F	admission
PTA	2350	Cln Assess	2	Sp	PTA 2010, PTA 2100
PTA	2360	Cln Asses Lab	2	Sp	PTA 2010, PTA 2100
PTA	2400	Musculo Dis	3	Sp	PTA 2010, PTA 2100, PTA 2200
PTA	2410	Musculo Dis Lab	1	Sp	PTA 2110, PTA 2210
PTA	2450	Neurological Dis	2	Su	PTA 2110, PTA 2210
PTA	2460	Neuro Dis Lab	2	Su	PTA 2310, PTA 2360
PTA	2510	PT Spec Clin	3	Sp	PTA 2010, PTA 2100, PTA 2200
PTA	2520	PT Spec Clin Lab	1	Sp	PTA 2010, PTA 2110, PTA 2210
PTA	2530	Gerontology	2	Su	PTA 2300, PTA 2360
PTA	2550	Rehab Psych	2	Su	PTA 2300, PTA 2400, PTA 2600
PTA	2600	Clinical Exper I	4	Sp	PTA 2100, PTA 2200, PTA 2300
PTA	2700	Clinical Affil	6	F	PTA 2450, PTA 2600
PTA	2710	Clinical Affil II	6	F	PTA 2700
PTA	2750	Seminar PTAs	1	F	PTA 2550, PTA 2450

ELECTIVES

PTA	2850	Spec Top PTAs	2	F, Sp	approval
PTA	2950	Sports PT	2	F	approval
PTA	2960	PT/OT in WorkPlace	2	Sp	acceptance into program

SAMPLE SCHEDULE

PREREQUISITE SEMESTER				
ENGL	1010	3		
MATH	1010	4		
PSY	1100	3		
BIOL	2320	4		
W/BIOL 2325 (LAB)				
PTA	1010	2		
PTA	1500	2		
TOTAL		18		
FALL SEMESTER		SUMMER TERM		
PTA	2010	4	PTA	2450 2
PTA	2100	2	PTA	2460 2
PTA	2110	1	PTA	2550 2
PTA	2200	2	PTA	2600 4
PTA	2210	2	TOTAL	10
PTA	2300	2		
PTA	2310	2		
TOTAL		15		
SPRING SEMESTER		2ND FALL SEMESTER		
PTA	2350	2	PTA	2700 6
PTA	2360	2	PTA	2710 6
PTA	2400	3	PTA	2750 1
PTA	2410	1	TOTAL	13
PTA	2510	3		
PTA	2520	1		
PTA	2530	2		
TOTAL		14		

PHYSICAL EDUCATION (PE)

SEE HEALTH AND LIFETIME ACTIVITIES.

PHYSICS

Science and Industry Building 345 (801) 957-4150
 General Information (801) 957-4073
 Academic Advisor SC 240 (801) 957-4184
<http://www.slcc.edu/physics/index.asp>

Professor: Irina Nelson

Assistant Professors: Trina Van Ausdal, Val Finlayson

THE PROGRAM

Physics includes the study of physics and astronomy. All classes are transferable to other schools in the state system of higher education and most other universities and colleges.

Physics classes are offered at three levels:

1. General survey classes for fulfilling a General Education requirement for non-technical students;
2. A non-calculus, two-semester series for professionals and technicians (other than engineers); and
3. A three-semester series of calculus-based physics for engineering students.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS

COMPOSITION

ENGL	1010	Intro to Writing	3	A	pre-test
ENGL	2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH	1210	Calculus I	4	A	MATH 1060
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON	1740	Econ Hist of US	3	A	none
OR					
HIST	1700	Amer Civilization	3	A	none
OR					
POLS	1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	_____		1	A	none
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STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CHEM 1210	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215	1	F, Sp	w/CHEM 1210
MATH 1220	4	A	MATH 1210
MATH 2210	3	A	MATH 1220
MATH 2250	3	A	MATH 1220
PHYS 2210	4	A	MATH 1210, w/ PHYS 2215

POLITICAL SCIENCE

PHYS 2220	Physics f/Sci&Eng II	4	A	MATH 1220, PHYS 2210, w/ PHYS 2225
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2225	Physicsf/Sci&Eng LII	1	A	w/PHYS 2220
PHYS 2710	Intro Modern Physics	3	Sp	MATH 2210, MATH 2250, PHYS 2220, PHYS 2225 w/PHYS 2715
PHYS 2715	Intro Mod Physics Lb	1	Sp	w/PHYS 2710

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			MATH 1220	4		
CHEM 1215	1			PHYS 2210	4		
ENGL 1010	3			PHYS 2215	1		
MATH 1210	4			DISTRIBUTION	6		
DISTRIBUTION	3			TOTAL	15		
TOTAL	15						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
STUDENT CHOICE	3			MATH 2250	3		
ENGL 2010	3			PHYS 2710	3		
MATH 2210	3			PHYS 2715	1		
HLAC	1			AMERICAN INST	3		
PHYS 2220	4			DISTRIBUTION	6		
PHYS 2225	1			TOTAL	16		
DISTRIBUTION	3						
TOTAL	18						

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
PHYS 1010	Elementary Phys	3	A	none
PHYS 1040	Elem Astronomy	3	A	none
PHYS 2010	College Physics I	4	A	MATH 1060, w/PHYS 2015
PHYS 2015	College Physics Lab I	1	A	w/PHYS 2010
PHYS 2020	College Physics II	4	A	PHYS 2010, w/PHYS 2025
PHYS 2021	Physics Prb Session	1	A	w/PHYS 2020
PHYS 2025	College Physics Lab II	1	A	w/PHYS 2020
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2211	Physics Prob Session	1	A	w/PHYS 2210
PHYS 2215	Physicsf/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2220	Physics f/Sci&Eng II	4	A	PHYS 2210, w/ PHYS 2225
PHYS 2221	Physics Prob Session	1	A	w/PHYS 2220
PHYS 2225	Physicsf/Sci&Eng LII	1	A	w/PHYS 2220
PHYS 2710	Intro Modern Physics	3	Sp	MATH 2210, MATH 2250, PHYS 2220, PHYS 2225, w/PHYS 2715
PHYS 2715	Intro Mod Physics Lb	1	Sp	w/PHYS 2710

PLUMBING

SEE APPRENTICESHIPS.

POLITICAL SCIENCE

South City Campus N109 - (801) 957-4981

General Information (801) 957-4073

Academic Advisor (801) 957-3361

<http://www.slcc.edu/pols/index.asp>

Associate Professor: Shari Sowards, David Hubert

Assistant Professor: Joshua Gold

THE PROGRAM

Political science prepares students to understand and participate in the processes whereby policies are made in local, state, national and international political systems. Students learn the factual and theoretical ways in which governmental and non-governmental actors interact. In the process, students develop analytical and communication skills.

Political science courses are an essential part of a liberal arts education because many disciplines come together in political analysis. Moreover, political science courses are useful in a variety of majors such as history, sociology, pre-law, business, public administration, economics, education and international studies. Students who would like hands-on experience in the political realm may sign up for an internship administered by the Political Science Department. SLCC students have interned in Washington D.C. and Salt Lake City, volunteered on political campaigns, conducted exit polls, hosted a variety of national and local political figures and participated in nationwide foreign policy simulations.

Students should check with the department or academic advisor to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61-62 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quant Reas	3	A	MATH 1010
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*Transfer Note: The University of Utah has scholarships available for Political Science transfer students.

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC _____ 1 A none

STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS**

Choose an additional three credit hours from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
REQUIRED COURSES			
POLS 2300 Political Ideology	3	F, Sp	none
POLS 1100 US Govt&Politics	3	A	none

Students may use POLS 2300 and POLS 1100 to fill major course requirements or General Education requirements, but not both. If these courses are used to fulfill General Education requirements, complete 15 credit hours of Political Science courses from the following:

POLITICAL SCIENCE ELECTIVES**SELECT 9-15 CREDITS FROM THE FOLLOWING:**

COURSE	CR	SEM	PREREQUISITES
POLS 1070 Diversity & US Politics	3	A	none
POLS 1110 State/Local Gov	3	Sp	none
POLS 1900 Special Studies	1-2	F, Sp	instructor's approval
POLS 2000 Internship	2-4	TBA	instructor's approval
POLS 2020 Leg Decision Mk	2	Sp	none
POLS 2100 Intro Intl Politics	3	TBA	none
POLS 2160 Politics in Actn	2	TBA	none
POLS 2200 Comp Politics	3	TBA	none
POLS 2900 Special Topics	1-3	TBA	instructor's approval
POLS 2950 Leadership	2	F	none
POLS 2960 Leadership	2	Sp	none

ELECTIVES (12 HOURS)

Complete 12 credits from any college level courses numbered 1000 or above.

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	ENGL 2010	3
MATH 1050	4	POLS 2300	3
OR		POLS ELECTIVE	3
MATH 1090	3	DISTRIBUTION	3
HLAC	1	AMERICAN INST	3
POLS 1100	3	TOTAL	15
DISTRIBUTION	3		
STUDENT CHOICE	3		
TOTAL	17		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
POLS ELECTIVE	3	POLS ELECTIVE	3
DISTRIBUTION	6	DISTRIBUTION	6
ELECTIVES	6	ELECTIVES	6
TOTAL	15	TOTAL	15

POLICE OFFICER

SEE CONTINUING EDUCATION.

PORTUGUESE

SEE LANGUAGE AND CULTURE.

PRE-PROFESSIONAL

General Information (801) 957-4073

Science and Industry Building 345 - (801) 957-4150

Academic Advisor SC 240 (801) 957-4184

THE PROGRAM

Salt Lake Community College offers most, if not all, the courses needed in the freshman and sophomore years of pre-professional programs such as pre-chiropractic, pre-dentistry, pre-law, pre-medicine, pre-pharmacy, pre-physical therapy, pre-occupational therapy and physician assistant.

Requirements for these programs vary from college to college. Programs listed below are examples only. They are best estimates of what most colleges require. Students should check with the advisor of the program to which they wish to transfer for full details. This is important to avoid taking unnecessary courses or missing important requirements.

Associate of science degrees are not offered in any pre-professional program. Possible AS degrees for pre-professional students are general studies, biology or physical science. Students should consult an academic advisor to determine which AS degree is best suited to their needs.

PREPARATION NOTE

Students who need to take preparatory classes to meet requirements of first-semester courses should plan extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modification due to varying enrollment.

PRE-CHIROPRACTIC

A minimum of 90 semester hours is required to apply to chiropractic colleges; 30 of the 90 semester credits must be upper division credits. All courses must be transferable to a Bachelor's degree. Students must have a cumulative GPA of at least 2.5 for both pre-requisite courses and the required 90 semester credits.

BIOLOGY

One academic year with related labs which can include:

BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325,
BIOL 2420/BIOL 2425, BIOL 2060/BIOL 2065

CHEMISTRY

Two academic years with related labs, which include:

CHEM 1210/CHEM 1215, CHEM 1220/CHEM 1225,
CHEM 2310/CHEM 2315, CHEM 2320/CHEM 2325

ENGLISH/COMMUNICATION

Six semester hours which can include: ENGL 1010,
ENGL 2010, COMM 1010 or COMM 1020

HUMANITIES AND/OR SOCIAL SCIENCES

Fifteen semester hours

PHYSICS

PHYS 2210/PHYS 2215 and PHYS 2220/PHYS 2225

OR

PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

PRE-TEACHER EDUCATION

PSYCHOLOGY

PSY 1010

ELECTIVES

As needed to equal 90 semester hours

PRE-DENTISTRY/PRE-MEDICINE

BIOLOGY

One or more academic years (cell biology strongly recommended), to include: BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325 or BIOL 2030/BIOL 2035

CHEMISTRY

Two academic years with related labs which include: CHEM 1210/CHEM1215, CHEM 1220/CHEM 1225, CHEM 2310/CHEM 2315, CHEM 2320/CHEM2325

ENGLISH/COMMUNICATION

One academic year of composition and/or speech which includes: ENGL 1010, ENGL 2010 or COMM 1020

HUMANITIES

One course

MATHEMATICS

MATH 1050, MATH 1060
(Most dental and medical schools favor a full year of calculus):
MATH 1210, MATH 1220

PHYSICS

One academic year with related labs which include
(choose one of the following):
PHYS 2210/PHYS 2215 and PHYS 2220/PHYS 2225
OR
PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

SOCIAL SCIENCE

One course

Generally the completion of a bachelor's degree is desirable before entrance into dental or medical school.

PRE-LAW

No specific subjects are required. Any AS degree that leads to a BS degree will qualify. Pre-legal students must be able to express themselves clearly and forcefully in concise English and in writing.

PRE-OCCUPATIONAL THERAPY

BIOLOGY

BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325,
BIOL 2420/BIOL 2425

PHYSICS

PHYS 2010/PHYS 2015

STATISTICS

PSY 2500 or SOC 2120 (available as upper division at U of U)*

TECHNICAL WRITING

ENGL 2100 (available as upper division at U of U)*

ANTHROPOLOGY

ANTH 1010 or ANTH 2011

PSYCHOLOGY

PSY 1100 or FHS 1500, PSY 2300
(available as upper division at U of U)*

SOCIOLOGY OR HEALTH

SOC 1010 or SOC 1020 or SOC 2500 or SOC 2680 or HLTH 1050

MEDICAL TERMINOLOGY

MA 1100

KINESIOLOGY

HLTH 2200 (recommended; not required)

MATHEMATICS

MATH 1060 (recommended; not required)

*A minimum of 13 credits of upper division coursework is required before entering U of U's Occupational Therapy Program.

PRE-PHARMACY

BIOLOGY

BIOL 1610/BIOL 1615, BIOL2320/BIOL2325,
BIOL2420/BIOL 2425

CHEMISTRY

Two academic years with related labs which include:
CHEM 1210/CHEM1215, CHEM 1220/CHEM 1225
CHEM 2310/CHEM 2315, CHEM 2320/CHEM2325

ENGLISH

ENGL 1010, ENGL 2010

MATHEMATICS

MATH 1050, MATH 1060, MATH 1210, MATH 1220

PHYSICS

One academic year with related labs which include:
PHYS 2210/PHYS 2215, PHYS 2220/PHYS 2225

Students are expected to have completed all of their General Education requirements before applying to the professional program.

PRE-PHYSICAL THERAPY

BIOLOGY

BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325,
BIOL 2420/BIOL 2425

CHEMISTRY

CHEM 1110/CHEM1115, CHEM 1120/CHEM 1125

ENGLISH

ENGL 1010, ENGL 2010 or ENGL 2100

MATHEMATICS

MATH 1050, MATH 1060 or MATH 1210

PHYSICS

PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

PSYCHOLOGY

PSY 1010, PSY 2300 (available as upper division at U of U)*

*A minimum of 8-9 credits of upper division coursework is required before entering the U of U's Physical Therapy Program.

PRE-TEACHER EDUCATION

SEE ALSO **FAMILY AND HUMAN STUDIES AND PARAEUCATION.**

Estimated cost of books and supplies per semester \$350 to \$450
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Eccles ECD Lab School (801) 957-4567
General Information (801) 957-4073
Academic Advisor (801) 957-3361

Professor: Dale Smith
Instructors: Janet Brohm, Beth Rodriguez.

THE PROGRAM

The pre-teacher education program is a two-year program designed to prepare students to transfer to an accredited four-year teaching program. Students completing the program will develop skills and get the hands-on experience necessary to be accepted into the professional core of courses offered at the university level. Course

work will satisfy the General Education requirements for the first two years of a bachelor's degree in elementary, early childhood or special education.

Specific requirements leading to a bachelor's degree in education differ between the four-year higher education institutions. To tailor a program specific to student needs, meet with an academic advisor or consult with a faculty member prior to registering for courses.

ELEMENTARY EDUCATION

Most elementary education programs now require students to choose an area of specialization (minor) to complete a four-year degree. Students planning to major in elementary education can take many content specific courses at SLCC which fulfill requirements for a specialization. Students should consult with an academic advisor or with faculty, select an area of specialization and identify content courses which will transfer and apply toward requirements.

SPECIAL EDUCATION

Special education students planning to get a special education endorsement should prepare for elementary or secondary education degrees and minor in or select special education as their area of specialization. SLCC has a paraeducation program which meets all the requirements for a minor or specialization in special education and elementary education at selected four-year institutions.

SECONDARY EDUCATION

Secondary education students seeking a secondary teaching license must pursue a major and minor in specific content areas. AS and AA degrees in a variety of content areas fill the requirements for secondary teaching majors and minors. See an academic advisor for detailed information.

Most four-year teaching programs now require a portfolio and documentation of a variety of volunteer experiences before being admitted to the program. The education courses are designed to help students construct a portfolio and acquire the field experience necessary to qualify them for admission to a teaching program.

ALTERNATIVE ROUTES TO TEACHER LICENSING

Alternative Routes to Licensure is a program for individuals who have a bachelor's degree in a subject taught in Utah secondary schools, but lack teacher preparation. For more information contact SLCC Continuing Education at (801) 957-5200 or see the Utah State Office of Education website: <http://www.schools.utah.gov/cert/apt>.

PREREQUISITES

It is the responsibility of the student to examine each course description to determine if prerequisite classes are required. Prerequisites must be satisfied before a class may be taken.

TRANSFER NOTES FOR ELECTIVES

Students should select electives based on the institution to which they intend to transfer. Electives beyond those listed above may be selected with approval from faculty or advisor. The required and recommended courses for Elementary Education by institution are listed below.

NOTE: INFORMATION IS SUBJECT TO CHANGE

Elementary Education programs at 4-year schools require a separate application beyond admissions. Programs vary in GPA minimums, grade requirements, deadlines, recommendations, etc. Students should obtain program information for their transfer school and consult with an advisor when selecting courses.

UNIVERSITY OF UTAH

All of the following courses must be completed with a B- or better. See articulation sheet for stipulations:

- EDU 1010
- ENGL 2330
- One ETHS course
- FHS 1500
- MATH 2010
- One additional physical science course beyond the General Education requirements
- Additional courses as advised

Additional courses must be completed at the U prior to applying to the Elementary Education Program.

UTAH STATE UNIVERSITY

HLTH 1500, MATH 2010 and 2020, THEA 2520, 12 credits of an emphasis area required (see program outline for options.) Optional, but recommended: ENGL 2330; FHS 2610.

WEBER STATE UNIVERSITY

COMM 1010, ENGL 2330, MATH 2010 and 2020, THEA 2520, HLAC 2620, and FHS 1320. There are additional SLCC courses that transfer to concentrations or on academic teaching minor. See an academic advisor for further information.

UTAH VALLEY STATE COLLEGE

EDU 2010, ENGL 2330, HLTH 1500, MATH 2010 and 2020 required. Optional, but recommended: THEA 2520.

SOUTHERN UTAH STATE UNIVERSITY

EDU 2010, MATH 2010, MATH 2020, and 15+ credits of concentration area or minor required (see program outline for options.)

DIXIE COLLEGE

EDU 2010, MATH 2010, MATH 2020, SOC 2630, and 8 semester credits of foreign language (or equivalent) required.

WESTMINSTER COLLEGE

COMM 1020, FHS 2500, FHS 2570 (note prerequisites), PSY 1010, HLAC 2620, LANG 1010, LANG 1020, MATH 2010 and MATH 2020. Students transferring to Westminster in Elementary Education must also be registered for EDU 302 at Westminster to complete the admissions process. See SLCC and Westminster advising for selection of both General Education and major related courses.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	pre-test
QUANTITATIVE LITERACY			
MATH 1050 College Algebra	4	A	MATH 1010
AMERICAN INSTITUTIONS (3 CREDITS)			
ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 Amer Civilization	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMM 1010	Intro to Comm	3	A	none
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OR

*COMM 1020	Speech	3	A	none
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*COMM 1020 is required for WSU and Westminster.

COMPUTER LITERACY**DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

*Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
**Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

*Most Elementary Education programs require Biology with lab. BIOL 1010/1015 or BIOL 1610/1615 recommended.

**Some Elementary Education programs specify which Physical Science GE is required:

U of U: One Physical Science from Chem 1010, PHYS 1010, or PHYS 1040 and one Earth Science from MET 1010, GEO 1010, or GEOG 1000.

USU: GEOG 1010 or PHYS 1010.

UVSC: CHEM 1010 or PHYS 1010 or GEO 1010.

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
EDU 1010	Orien to Elm Ed	3	F, Sp	none
FHS 1500	Human Develop	3	A	none

ELECTIVES (21 CREDITS; SEE TRANSFER NOTES BELOW)

EDU 1400	Study of Disabiltis	3	A	none
EDU 2000	CO-OP	1-2	F, Sp	FHS 1500, EDU 1010
EDU 2010	Intro Special Ed	3	Sp	none
ENGL 1200	Intro Linguistics	3	Sp	ENGL 1010
ENGL 2330	Children's Literature	3	Sp	ENGL 1010
ETHS 2500	Native American	3	F	none
ETHS 2580	Asian American	3	F	none
ETHS 2660	African Amer	3	Sp	none
ETHS 2670	Mexican Amer	3	Sp	none
FHS 2610	Child Guidance	3	F, Sp	w/FHS 0010
*MATH 2010	Mth Elem Tech I	3	F	MATH 1050
*MATH 2020	Mth Elm Tech II	3	Sp	MATH 2010
HLAC 2620	PE Elem School	2	Sp	none
THEA 2520	Creative Drama	2	A	none

*Students should check with academic advisor to make sure they select the appropriate math course.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
EDU 1010	3			FHS 2610	3		
ENGL 1010	3			OR			
FHS 1500	3			EDU ELECTIVE	3		
EDU ELECTIVE	3			MATH 1050	4		
AMERICAN INST	3			DISTRIBUTION	6		
DISTRIBUTION	3			TOTAL	14-16		
TOTAL	18						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
COMM 1010	3			MATH 2020	3		
MATH 2010	3			OR			
EDU ELECTIVE	3			EDU ELECTIVE	3		
EDU ELECTIVE	3			EDU 2010	3		
OR				OR			
ENGL 1200	3			EDU ELECTIVE	3		
ENGL 2010	3			HLAC	1		
DISTRIBUTION	6			DISTRIBUTION	3		
TOTAL	18			TOTAL	13		

***NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

PROFESSIONAL TRUCK DRIVINGSEE **SKILLS CENTER**.**PROJECTS WITH INDUSTRY**SEE **SKILLS CENTER**.**PSYCHOLOGY**

General Information (801) 957-4073

South City Campus N109 (801) 957-4981

Academic Advisor (801) 957-3361

Professor: Spencer Adams.

Associate Professors: Larry R. Christensen, Drusilla D. Glascoe.

Assistant Professors: Katerina Calderone, Lora L. Harpster.

Instructors: Harry Hughes, Howard Ingle.

THE PROGRAM

Students are advised to check with the department or an academic advisor to determine which psychology courses are transferable to other colleges within the Utah System of Higher Education. The Psychology department offers individual courses in psychology as well as a two-year AS degree. Listed below is the recommended course of study for the proposed AS degree in psychology.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites **MUST** be satisfied before the designated class may be taken. Faculty may deny enrollment if prerequisites have not been met.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

CLASS AVAILABILITY

The semester in which courses are taught are listed within the course descriptions. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

**COMPLETING THE LISTED REQUIREMENTS
BELOW RESULTS IN RECEIVING AN
ASSOCIATE OF SCIENCE TRANSFER DEGREE***
(minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY				
MATH 1030	Quant Reas	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON	1740	Econ Hist of US	3	A	none
OR					
HIST	1700	Amer Civilization	3	A	none
OR					
POLS	1100	US Gov & Politics	3	A	none

**INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS**

HLAC	_____		1	A	none
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STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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REQUIRED COURSE

PSY 1010 Gen Psychology 3 A none
Students may use PSY 1010 to fill a Major Course Requirement or a General Education Distribution Area in Social Science, but not both. If PSY 1010 is used to fill the Social Science Requirement, select 15 credit hours of Psychology courses from the following:

COMPLETE 12 CREDITS FROM THE FOLLOWING:

PSY	1100	Human Growth	3	A	none
PSY	2250	Personality Thry	3	TBA	ENGL 1010, PSY 1010
PSY	2300	Abnormal Psych	3	TBA	ENGL 1010, PSY 1010
PSY	2500	Social Psychology	3	F, Sp	PSY 1010 or SOC 1010, ENGL 1010
PSY	2900	Special Topics	1-3	TBA	PSY 1010 and instructor's approval

ELECTIVES (12 CREDITS)

Complete 12 credits from the following or any college level course numbered 1000 or above.

PSY	1210	Prsnl Grwth Dev	3	A	none
PSY	1900	Special Studies	1-2	A	PSY 1010
PSY	2000	CO-OP Intern	2-4	A	PSY 1010
PSY	2370	Gender in America	3	F, Sp	PSY 1010 or SOC 1010
PSY	2400	Eco-Psychology	3	A	PSY 1010
PSY	2710	Brain and Behavior	3	F, Sp	PSY 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
MATH	1030	3	DISTRIBUTION		6
OR			STUDENT CHOICE		3
MATH	1040	3	PSY COURSE		3
AMERICAN INST		3	TOTAL		15
PSY	1010	3			
ELECTIVE		3			
TOTAL		15			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DISTRIBUTION		6	DISTRIBUTION		6
PSY COURSES		6	PSY COURSE		3
ELECTIVE		3	ELECTIVES		6
HLAC		1	TOTAL		15
TOTAL		16			

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
PSY 1010	3	A	none
PSY 1100	3	A	none
PSY 1210	3	A	none
PSY 1900	1-2	TBA	PSY 1010
PSY 2000	2-4	TBA	2nd year
PSY 2250	3	TBA	ENGL 1010, PSY 1010
PSY 2300	3	TBA	ENGL 1010, PSY 1010
PSY 2370	3	F, Sp	PSY 1010 or SOC 1010
PSY 2400	3	A	PSY 1010
PSY 2500	3	F, Sp	PSY 1010 or SOC 1010, ENGL 1010
PSY 2710	3	F, Sp	PSY 1010
PSY 2900	1-3	TBA	PSY 1010 and approval

PUBLIC SAFETY

SEE CONTINUING EDUCATION.

PUBLIC SAFETY MANAGEMENT

SEE UNIVERSITY CENTER.

RADIOLOGIC TECHNOLOGY

Estimated costs per program

Books	\$500
Liability Insurance (per year)	\$ 20
Lab fees (per year)	\$ 20
Lab costs (per year)	\$ 75
Licensing exams	\$170
Vaccinations	\$170

School of Health Sciences, Jordan Campus 108, (801) 957-4098

General Information (801) 957-4073

Academic Advisor (801) 957-4407

Enrollment Services JC164A (801) 957-4163

<http://www.slcc.edu/radtech/index.asp>

Professor: Lisa Wood

Assistant Professor: David Neil

Instructors: Adaire Blair

THE MISSION

The Radiologic Technology Program will provide students with the knowledge and skills necessary to competently perform radiologic procedures. The Program will offer a curriculum that encourages problem solving skills, critical thinking, communication skills, personal growth, and professional development. The students will utilize this knowledge to successfully pass the ARRT examination and secure employment.

THE PROGRAM

Radiographers provide patient services using imaging modalities at the request of physicians qualified to prescribe and/or perform radiologic procedures. A radiographer performs radiographic procedures, applies principles of radiation protection, evaluates radiographs for technical quality, exercises professional judgment and provides patient care. Radiographers can find employment in hospitals, clinics, private offices, industry and public health facilities.

The Associate of Applied Science degree in radiologic technology leads to a national certification and state licensure. The program offers students theoretical and clinical experiences to learn skills of

an entry-level radiographer. Radiology courses are taught at South City Campus and clinical education occurs at local health care facilities. Students can complete General Education classes at any SLCC location.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Graduates are eligible to take the American Registry of Radiologic Technology (ARRT) examination in Radiography. Also, after completing two semesters in the program, many students take the ARRT limited examination in Radiography. Program requires four consecutive semesters and one summer term of full-time day commitment with an average weekly involvement of 35 hours.

General Education and elective courses provide training in effective oral and written communication. COMM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills. Human relation skills are taught within the Radiology courses.

PREPARATION NOTE

Students accepted into the radiology program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be completed by the first day of the beginning of the program. The health and safety requirements of the program are:

CPR Certification - American Heart Association, Modular C, or American Red Cross Health Care. Provider are the only courses accepted. A fee is required.

Required Immunizations

1. Tetanus
2. MMR (Measles, Mumps, Rubella)
3. Negative tuberculosis skin test *
4. Hepta-vax (Hepatitis B) Series of 3 **
5. Varicella Vaccine

* In the event that students have a positive TB skin test, a negative TB chest X-ray is required.

**The series of three hepta-vax immunizations must be taken as follows:

- Initial Injection
- 2nd Injection one month after the first
- 3rd Injection six months after the first

A student may decide to refuse any of the vaccinations by signing waiver and release forms.

Students must also have a background check and drug-screening test before beginning the program. Additional information will be given to accepted students by program faculty.

Students with a history of a misdemeanor or felony involving drugs, sexual offenses, or moral turpitude will not be eligible for admission into the program due to clinical education site requirements and/or ARRT eligibility requirements.

Observation in a radiology department before submitting an application is highly recommended. The student must arrange travel to and from the hospital for the actual student observation, and the student is responsible for any risks associated with the observation. The student should observe the role of the radiographer only and should NOT engage in patient care activities of any kind. For information on observation, and the names of contact personnel at local facilities, call the division office at (801) 957-3254, (801) 957-3149, or (801) 957-3112.

GENERAL COLLEGE ADMISSION

A student seeking admission to the radiologic technology program must first be admitted through the Enrollment Services as a matriculated student with a major of radiologic technology by doing the following:

1. Submit "Application for Admission as a Matriculated Student".
2. Pay general College application fee.
3. Complete ACT or CPT placement test. This test may be waived at the discretion of Enrollment Services on the basis of previous college course work.

NOTE: SLCC does not have minimum required test scores for admission. However, SLCC Math and English departments have mandatory placement policies which require that students enroll in the Math and English classes indicated by their test scores.

NOTE: Radiologic Technology admission selection criteria have changes pending. Please check the website for updated information: <http://www.slcc.edu/radtech/index.asp>.

RADIOLOGIC TECHNOLOGY PROGRAM ADMISSION CRITERIA

In addition to the above requirements, those seeking admission to the radiologic technology program must meet the following admissions criteria:

Applicants will be accepted into the program in order of their qualifying date (the date upon which all requirements have been met and all materials have been submitted to Enrollment Services.)

1. High school graduate or equivalent.
2. BIOL 1610/BIOL 1615 (College Biology I lecture and lab) minimum grade of C.
3. BIOL 2320/BIOL 2325 (Human Anatomy lecture and lab) with a minimum grade of B-, taken in the past five years.
4. Math and English qualifications. Copies of qualifying test scores must be submitted with the radiologic technology application.

Math Qualifications (one of the following)

- a. CPT score: college math 43 within one year;
- b. ACT score: math 22 within one year;
- c. MATH 1010 - Intermediate Algebra C or better

English qualifications (one of the following)

- a. AP English credit - must be listed on SLCC transcript;
- b. CLEP English credit - must be listed on SLCC transcript;
- c. ENGL 1010 - with a C or better

5. Separate application to the radiologic technology program available in Enrollment Services.
6. Official sealed transcripts must be submitted from all colleges/universities where student has completed prerequisite course work for application to the program.

Applicants will be notified by mail of their admission status.

Upon successful completion of prerequisite courses and a written notification to the Enrollment Services Office, students will be given a qualifying date and placed on an acceptance list in the order of that date. Students will be offered a position in the program upon availability in order of that date. To retain a position in the program, students must complete the technical curriculum in the order outlined and receive a C grade or better in each required course. To graduate from the program the student must meet the program

admission criteria as outlined above, receive a C grade or better in each required radiology course and complete the following General Education courses with a C grade or better:

CIS 1020 - Basic Computer Concepts

OR

Demonstrate computer competency

AND

COMM 1010 - Intro to Comm

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services.
2. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.
3. Students currently enrolled in another radiologic technology program wanting to transfer to SLCC must submit all application materials to the Department Coordinator for evaluation. Decisions regarding admittance will be based on students' progress and enrollment availability.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Prerequisites must be satisfied before the designated class may be taken. Successful completion of all prerequisite classes is required before admission to the program.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the class schedule for availability and modifications caused by varying enrollment. Radiology classes are held during the day, two days per week and clinical education experiences are held during the day, three days per week.

NOTE: RADS 1010 is open to all students.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN RADIOLOGIC TECHNOLOGY

(minimum 64 hours required)

ADMISSION PREREQUISITE WITH MINIMUM GRADE OF B-

COURSE	CR	SEM	PREREQUISITES
BIOL 2320 Human Anatomy	4	A	BIOL 1610 or BIOL 1210, w/BIOL 2325 (Lab)

ADMISSION PREREQUISITE WITH MINIMUM GRADE OF C

COURSE	CR	SEM	PREREQUISITES
BIOL 1610 College Biology I	4	A	(Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/BIOL 1615 (lab)

ENGL 1010 Intro to Writing	3	A	pre-test
MATH 1010 Interm Algebra	4	A	MATH 0990
OR			
MATH 1050 College Algebra	4	A	MATH 1010

MAJOR COURSE REQUIREMENTS (MINIMUM 56 HOURS REQUIRED)

All courses without the RADS prefix can be taken before starting the radiologic technology program. Students have to be admitted to the program before they can take any radiology course listed below.

COURSE	CR	SEM	PREREQUISITES
RADS 1010 Intro to Rad Tch	2	A	none
RADS 1020 Rad Anat/Proc I	4	F	admission
RADS 1030 Rad Imaging I	2	F	admission
RADS 1040 Clinical Ed I	4	F	admission
RADS 1050 Patient Care	2	F	admission
RADS 1110 Radiation Protec	2	Sp	RADS 1030
RADS 1120 Rad Anat/Proc II	4	Sp	RADS 1020
RADS 1130 Rad Imaging II	4	Sp	RADS 1030
RADS 1140 Clinical Ed II	4	Sp	RADS 1040
RADS 1220 Rad Anat/Pro III	2	Su	RADS 1120
RADS 1240 Clinical Ed III	3	Su	RADS 1140
RADS 2010 Image Analysis	2	F	RADS 1220
RADS 2020 Rad Ana/Pro IV	2	F	RADS 1220
RADS 2030 Rad Imaging III	2	F	RADS 1130
RADS 2040 Clinical Ed IV	4	F	RADS 1240
RADS 2050 Adv Patient Car	2	Su	RADS 1050
RADS 2060 Rad/Hlth Phys	2	F	RADS 1110
RADS 2100 Comp Radiolgy	3	Sp	RADS 2010
RADS 2110 Rad Pathology	2	Sp	RADS 2050
RADS 2120 Sectional Anatomy	2	Sp	RADS 2020
RADS 2140 Clinical Ed V	4	Sp	RADS 2040

All courses without the RADS prefix can be taken before starting the radiologic technology program. Students have to be admitted to the program before they can take any radiology course listed below.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
RADS 1010	2		RADS 1110	2	
RADS 1020	4		RADS 1120	4	
RADS 1030	2		RADS 1130	4	
RADS 1040	4		RADS 1140	4	
RADS 1050	2		TOTAL	14	
TOTAL	14				
SUMMER TERM					
RADS 1220	2				
RADS 1240	3				
RADS 2050	2				
TOTAL	7				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS 1020	3		RADS 2100	3	
RADS 2010	2		RADS 2120	2	
RADS 2030	2		RADS 2140	4	
RADS 2040	4		RADS 2020	2	
RADS 2060	2		COMM 1010	3	
RADS 2110	2		TOTAL	14	
TOTAL	15				

REAL ESTATE APPRAISAL SEE CONTINUING EDUCATION.

REFRIGERATION JATC TECHNOLOGY APPRENTICESHIP SEE APPRENTICESHIPS.

RESERVE OFFICER TRAINING CORPS (ROTC)

Miller Campus
Continuing Education (801) 957-5200
General Information (801) 957-4073

AEROSPACE STUDIES (AIR FORCE ROTC)

THE COURSEWORK

Aerospace Studies (Air Force ROTC) trains individuals interested in becoming officers in the United States Air Force. The first two years offer academic preparation in interdisciplinary areas, including communication skills, Air Force history, leadership and management principles and practices, decision making theory and policy formulation, ethics and valuing. Excellent scholarship opportunities are available. Air Force ROTC has specific enrollment criteria. Call (801) 581-6236 for clarification.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day availability (no evening classes) and modifications caused by varying enrollment.

Enrollment is open to men and women who:

1. Are U.S. citizens or applicants for naturalization (non-US citizens may participate in the general military course for academic credit only).
2. Are at least 14 years of age, and
3. Are enrolled as full-time students in a course of study leading to an academic degree.

BOOKS AND SUPPLIES

All necessary ROTC textbooks, uniforms and other essential materials for the basic course are furnished to students at no cost. After completing the basic course, students who have demonstrated the potential to become officers and who have met physical/scholastic standards are eligible to enroll in the advanced course.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
AERO 1010	Found of USAF I	1	F	w/AERO 1110
AERO 1011	Found of USAFII	1	Sp	w/AERO 1111
AERO 1110	Gen Mil Lab I	1	F	w/AERO 1010
AERO 1111	Gen Mil Lab II	1	Sp	w/AERO 1011
AERO 2010	Air Power Hist I	1	F	w/AERO 2110
AERO 2011	Air Power Hist II	1	Sp	w/AERO 2111
AERO 2110	Gen Mil Lab III	0-1	F	w/AERO 2010
AERO 2111	Gen Mil Lab IV	0-1	Sp	w/AERO 2011

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
AERO 1010	1		AERO 1011	1	
AERO 1110	1		AERO 1111	1	
TOTAL	2		TOTAL	2	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
AERO 2010	1		AERO 2011	1	
AERO 2110	0-1		AERO 2111	0-1	
TOTAL	1-2		TOTAL	1-2	

MILITARY SCIENCE (ARMY ROTC)

THE PROGRAM

The Army ROTC program teaches applied leadership and management skills to college students who, upon graduation, receive commissions as officers and serve in the U.S. Army, Army National Guard, or Army Reserve.

Army ROTC helps students develop many of the qualities basic to success in the Army or in a civilian career. It gives students a valuable opportunity to build for the future by enabling them to pursue a college degree and an officer's commission at the same time.

Army ROTC has specific enrollment criteria. Call (801) 581-6716 for clarification.

BASIC COURSE

During the first two years of the program, there is no military commitment incurred by students. Only after transferring to a four-year institution are students committed to serve.

ARMY ROTC ADVANCED COURSE

Upon successful completion of the basic course, or its equivalent, students who have demonstrated the potential to become an officer and who have met the required entrance standards may be eligible to enroll in the advanced course. Only after transferring to a four-year institution such as the University of Utah or Weber State University can students apply for entrance into the Army ROTC advanced course. Acceptance into the advanced course obligates the students to a service commitment.

BASIC CAMP

Students who did not take advantage of the basic course opportunity during their first two years of college may qualify for the advanced course by completing a six-week, expenses paid Army ROTC summer camp at Fort Knox, Kentucky. Information on this camp may be obtained by calling the Department of Military Science, University of Utah, (801) 581-6716.

VETERANS

Veterans who meet entrance requirements into the advanced course are not required to take any basic course classes, but should contact the Department of Military Science, University of Utah, (801) 581-6717.

SCHOLARSHIP PROGRAM

Two-and three-year scholarships are available to be used at a four year institution with an Army ROTC program. Information regarding the scholarship program can be obtained by calling the Department of Military Science, University of Utah, (801) 581-6716.

BOOKS AND SUPPLIES

All necessary textbooks and materials for the basic course are furnished to the students. Classes are taught at the University of Utah.

LEADERSHIP LABORATORIES

Attendance at a weekly leadership laboratory is required. Lab fees are payable during the first week of classes directly to the academic department and are used to provide materials, transportation and equipment rental for students.

Enrollment is open to students who are:

1. U.S. citizens or applicants for naturalization; and
2. At least 17 years old.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
MLS 1010	Leadrsdp Discvry I	2	F	none
MLS 1020	Leadrsdp Discvry II	2	Sp	none
MLS 2010	Ldrshp Challen I	3	F	none
MLS 2020	Ldrshp ChallenII	3	Sp	none

ELECTIVES

MLS 1060	Phys Readiness	1	F, Sp	none
MLS 2950	Basic Ind Study	2-3	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
MLS 1010	2	MLS 1020	2
TOTAL	2	TOTAL	2
2ND FALL SEMESTER		2ND SPRING SEMESTER	
MLS 2010	3	MLS 2020	3
TOTAL	3	TOTAL	3

RUSSIANSEE **LANGUAGE AND CULTURE**.**SAFETY AND HEALTH**SEE **ENVIRONMENTAL TECHNOLOGY**.**SAMOAN**SEE **LANGUAGE AND CULTURE**.**SCIENCE**SEE **BIOLOGY, CHEMISTRY, ENVIRONMENTAL TECHNOLOGY, GEOSCIENCES AND PHYSICS**.**SHEET METAL JATC TECHNOLOGY APPRENTICESHIP**SEE **APPRENTICESHIPS**.**SMALL BUSINESS DEVELOPMENT**SEE **BUSINESS MANAGEMENT**. SEE ALSO **CONTINUING EDUCATION**.**SOCIAL SCIENCE**

South City Campus N109 (801) 957-4130

General Information (801) 957-4073

Academic Advisor (801) 957-3361

THE PROGRAM

There are four options under Social Science: History, Political Science, Psychology, and Sociology. See individual program pages under those titles for details on each option.

Students should check with the departments to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day and evening availability and modifications caused by varying enrollment.

SOCIAL WORK

General Information (801) 957-4073

Academic Advisor (801) 957-3361

South City Campus N109 (801) 957-3361

THE PROGRAM

Social Work students learn to provide professional services for emotionally, economically or socially disadvantaged persons.

This introductory level program will acquaint students to the multi-faceted, multi-skilled Social Work profession. Students learn issues in the provision of services to emotionally, economically, mentally or socially disadvantaged persons. The program also requires internships where the student will learn to apply and further understand theoretical frameworks discussed in class.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. It is important that all students take Psychology 1010 and Sociology 1010 early in the program.

TRANSFERABILITY OF CREDITS

Due to the numerous possibilities, it is suggested that students consult the Program Coordinator for information on how the higher education institutions accept credits for a given class. For specific information, contact the institution in which the transfer of credit is desired or the Program Coordinator.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 62 hours required)

GENERAL EDUCATION REQUIREMENTS**COURSE CR SEM PREREQUISITES****CORE SKILLS COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quantitative Res	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
*POLS 1100	US Gov & Politics	3	A	none

*Required for U of U Social Work program.

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)**COMPUTER LITERACY****DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none

SOCIAL WORK

Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)(PSY 1010)	3	A	none

See pp. 25-27 for options in each of these categories.

TRANSFER NOTES

These General Requirement courses are required in the Social work programs at the institutions indicated:

WEBER STATE UNIVERSITY

ANTH 1010, BIOL 1110, PSY 1010, SOC 1010.

UNIVERSITY OF UTAH

BIOL 1010, OR BIOL 1110, OR BIOL 1610; POLS 1100; PSY 1010; SOC 1010.

UTAH STATE UNIVERSITY

ANTH 1010, BIOL 1010, MATH 1040, PSY 1010, SOC 1010.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
SOC 1010	Int to Sociology	3	A	none
SW 1010	Intro Social Wk	3	A	none
SW 2100	Hu Beh Soc Env	3	A	SW 1010
SW 2230	Intro Grp Ther	2	F, Sp	SW 2100
SW 2280	Drug/Alch Abus	2	F, Sp	SW 1010
SW 2650	Soc Welfare Po	3	A	none
SW 2720	Mental Health	2	F, Sp	SW 1010
SW 2750	Ethics Soc Wk	2	F, Sp	SW 1010
SW 2920	1st Yr So Wk Int	2	A	SW 2100
SW 2930	2nd Yr So Wk Int	3	F, Sp	SW 2920
_____	Elective	3		

ELECTIVES (3 CREDITS)

ETHS 2410	African Amer	3	Sp	none
ETHS 2420	Asian American	3	F	none
ETHS 2430	Mexican Amer	3	Sp	none
ETHS 2440	Native American	3	F	none
SW 1900	Special Studies	1-2	A	SW 1010
SW 2110	Social Wk Resrch	2	TBA	SW 1010
SW 2900	Special Topics	1-3	TBA	none

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ENGL 1010	3			ENGL 2010	3		
MATH 1030	3			SOC 1010	3		
OR				SW 2100	3		
MATH 1040	3			SW 2280	2		
SW 1010	3			SW 2650	3		
STUDENT CHOICE	3			ELECTIVE	3		
TOTAL	12			TOTAL	17		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
BIOL 1110	3			HLAC	1		
SW 2230	2			SW 2750	2		
SW 2720	2			SW 2930	3		
SW 2920	2			AMERICAN INST	3		
DISTRIBUTION	6			DISTRIBUTION	9		
TOTAL	15			TOTAL	18		

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1040	Intro to Statistics	3	A	MATH 1010
OR				
MATH 1030	Quant Reasoning	3	1	MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC _____		1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

TRANSFER NOTES

These General Requirement courses are required in the Social work programs at the institutions indicated:

WEBER STATE UNIVERSITY

ANTH 1010, BIOL 1110, PSY 1010, SOC 1010.

UNIVERSITY OF UTAH

BIOL 1010, POLS 1100, PSY 1010, SOC 1010.

UTAH STATE UNIVERSITY

ANTH 1010, BIOL 1010, MATH 1040, PSY 1010, SOC 1010.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
SOC 1010	Int to Sociology	3	A	none
SPN 1020	Beg Spanish II	5	A	SPN 1010
SW 1010	Intro Social Wk	3	Sp	none
SW 2100	Hu Beh Soc Env	3	A	SW 1010
SW 2230	Intro Grp Therap	2	F, Sp	SW 2100
SW 2280	Drug/Alch Abus	2	F, Sp	SW 1010
SW 2650	Soc Wk Policy	3	A	none
SW 2720	Mental Health	2	F, Sp	SW 1010
SW 2750	Ethics Soc Wk	2	F, Sp	SW 1010
SW 2920	1st Yr So Wk Int	2	A	SW 2100
SW 2930	2nd Yr So Wk Int	3	F, Sp	SW 2920

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	ENGL 2010	3
MATH 1030	3	SOC 1010	3
OR		SW 2100	3
MATH 1040	3	SW 2280	2
SW 1010	3	SW 2650	3
STUDENT CHOICE	3	SPN 1020	5
TOTAL	12	TOTAL	19
2ND FALL SEMESTER		2ND SPRING SEMESTER	
BIOL 1110	3	AMERICAN INST	3
SW 2230	2	HLAC	1
SW 2720	2	SW 2750	2
SW 2920	2	SW 2930	3
DISTRIBUTION	6	DISTRIBUTION	9
TOTAL	15	TOTAL	18

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SOCIOLOGY

South City Campus N109 (801) 957-4981
General Information (801) 957-4073
Academic Advisor (801) 957-3361

Professors: Toni Scalia, Anne Graham
Associate Professors: Spencer Blake, Deidre Tyler

THE PROGRAM

Sociology is concerned with social causes and consequences of human behavior. Subject matter ranges from the family to deviant behavior, gender to social problems, divisions of race, ethnicity and class to shared beliefs of a common culture. A degree in sociology will prepare students for degrees/careers in the social sciences, law, business and other professions. Social work students are also encouraged to take courses in sociology in order to establish a strong theoretical base. A recommended course of study is listed below.

The sociology department offers individual courses in sociology as well as a two-year AS degree with an emphasis in sociology.

Students should check with the department to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES

It is the student's responsibility to examine each course description for details for prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

PREPARATION NOTE

Students who need to take preparatory classes to meet requirements of first semester courses should plan on extra time to complete the program.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
--------	----	-----	---------------

CORE SKILLS

COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1040	Statistics	3	A	MATH 1010
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AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740	Econ Hist of US	3	A	none
OR				
HIST 1700	Amer Civilization	3	A	none
OR				
POLS 1100	US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	_____	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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SOC 1010	Intro Sociology	3	A	none
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Students may use SOC 1010 to fill a major course requirement or a General Education Distribution Area in Social Science, **but not both**. If SOC 1010 is used to fill the Social Science requirement, **15** credit hours of Sociology must be selected courses from the following:

COMPLETE 12 CREDITS FROM THE FOLLOWING

*SOC 1020	Social Problems	3	A	none
SOC 1900	Independent St	1-2	A	SOC 1010
SOC 2500	Social Psychology	3	F, Sp	SOC 1010 or PSY 1010
SOC 2370	Gender in America	3	F, Sp	SOC 1010 or PSY 1010
SOC 2400	Intermountain West	3	A	none
SOC 2600	Marriage & Family	3	F, Sp	SOC 1010
SOC 2630	Race/Ethnicity	3	F, Sp	SOC 1010
SOC 2680	Sociology of Aging	3	F	SOC 1010
SOC 2900	Special Topics	1-3	TBA	SOC 1010

*SOC 1020 may be used to fill a Major Course Requirement or General Education Distribution Area in Interdisciplinary, but not both.

ELECTIVES (12 CREDITS)

Complete 12 credits from any college level course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER		
ENGL 1010	3	
MATH 1040	3	
DISTRIBUTION	3	
SOC 1010	3	
AMERICAN INST	3	
TOTAL	15	

SPRING SEMESTER		
ENGL 2010	3	
DISTRIBUTION	9	
SOC COURSE	3	
TOTAL	15	

2ND FALL SEMESTER		
SOC COURSES	6	
DISTRIBUTION	3	
STUDENT CHOICE	3	
HLAC	1	
ELECTIVES	3	
TOTAL	16	

2ND SPRING SEMESTER		
DISTRIBUTION	3	
SOC COURSE	3	
ELECTIVES	9	
TOTAL	15	

DEPARTMENTAL OFFERINGS

COURSE		CR	SEM	PREREQUISITES
SOC 1010	Intro to Sociology	3	A	none
SOC 1020	Social Problems	3	A	none
SOC 1900	Indept Studies	1-2	TBA	SOC 1010
SOC 2500	Social Psychology	3	F, Sp	SOC 1010 or PSY 1010
SOC 2370	Gender in America	3	F, Sp	SOC 1010 or PSY 1010
SOC 2400	Intermountain West	3	A	none
SOC 2600	Marriage & Family	3	F, Sp	SOC 1010
SOC 2630	Race & Ethnicity	3	F, Sp	SOC 1010
SOC 2680	Sociology of Aging	3	F	SOC 1010
SOC 2900	Special Topics	1-3	TBA	SOC 1010

SPANISH

SEE LANGUAGE AND CULTURE.

STAGEHAND JATC TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS.

SURGICAL TECHNOLOGY

Lifetime Activities Center 234 (801) 957-4161

General Information (801) 957-4073

Academic Advisor JC164A (801) 957-4407

<http://www.slcc.edu/surgicaltech>

Instructor: Raymond Liddell

THE PROGRAM

The surgical technology program prepares individuals to work primarily in the operating room. Employment opportunities are also available in surgical centers, labor and delivery, ER's and doctors offices. Students will be placed in two clinical facilities, a different one each semester. These clinical placements are made at the discretion of the clinical instructor. Clinical is in the second semester from about 7 a.m. to 3 p.m., Monday through Thursday. Students must provide their own transportation to and from the clinical sites. Upon completion of the program, the surgical technology student receives a certificate of completion.

The surgical technologist, working under the direct supervision of a registered nurse, functions as an integral member of a surgical team in assisting with surgical procedures, setting up and handling the instruments, sutures and other equipment needed to do the procedure and also is responsible for care of the instruments before and after the procedure. The surgical technologist must be in good physical and mental health to withstand rigors of the job. Enrollment in the surgical technology program is limited to the number of available clinical sites. Applicants must submit all application documentation to Enrollment Services.

This is a service learning program requiring students to perform six hours of guided community service.

The health and safety requirements of the program are:

1. CPR Certification — American Heart Assoc. Modular C, or American Red Cross Health Care Provider are the only courses accepted. A fee is required.
2. Required Immunizations
 - A. Tetanus
 - B. MMR (Measles, Mumps Rubella) (two required)
 - **C. Negative tuberculosis skin test
 - #D. Hepta-vax (Hepatitis B) Series of 3
3. Drug Screen
4. Criminal Background Check

** In the event students have a positive TB skin test, a negative TB chest X-ray is required.

The series of three Hepta-vax immunizations must be taken as follows:

- 1st shot
- 2nd shot one month after the first
- 3rd shot six months after the first
- Two of the three Hepta-vax immunizations must be completed by October 5.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

GENERAL COLLEGE ADMISSION

A student seeking admission to the surgical technology program must first be admitted through Enrollment Services as a matriculated student with a major of health sciences by doing the following:

1. Submit Application for Admission as a Matriculated Student.
2. Pay general College application fee.
3. Complete ACT or CPT (placement test). This test may be waived at the discretion of Enrollment Services on the basis of previous college coursework.

NOTE: SLCC does not have minimum required test scores for admission. However, SLCC Math and English departments have mandatory placement policies which require that students enroll in the Math and English classes indicated by their test scores.

SURGICAL TECHNOLOGY PROGRAM ADMISSION CRITERIA

In addition to the above requirements, those seeking admission to the surgical technology program must meet the following admission criteria. Applicants will be accepted into the program in order of their qualifying date (the date upon which all requirements have been met and all materials submitted to Enrollment Services), by providing proof of completion of the following:

1. *BIOL 2320/BIOL 2325 (Human Anatomy lecture and lab) with minimum grade of C+ taken within the past five years.

*These courses have prerequisites. See course descriptions for prerequisite information.
2. Math and English qualifications. Copies of qualifying test scores must be submitted with the Surgical Technology application.

Math Qualifications (one of the following)

- a. CPT score: Elementary Algebra 54 within one year;

- b. ACT score: Math 18 within one year; or
- c. MATH 0990 with C or better

English qualifications (one of the following)

- a. AP English credit - must be listed on SLCC transcript;
 - b. CLEP English credit - must be listed on SLCC transcript;
 - c. ENGL 1010 - English Composition C or better
3. Separate application to the surgical technology program, available in Enrollment Services.
 4. Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed pre-requisite course work for application to the program.

Applicants will be notified by mail of their admission status. Students begin in August. If necessary a waiting list will be established for future years. The waiting list will include only those applicants who have met all requirements above and are admitted to the program.

To retain a position in the program, students must complete the technical curriculum in the order outlined and receive a C+ grade or better in each required class, and a B or better in BIOL 2320/2325. Applicants must supply documentation of all selection criteria to the health science admissions technician.

SPECIAL NOTE FOR TRANSFER STUDENTS

Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services Office.
2. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.

This program is taught two consecutive semesters, fall and spring. Surgical technology courses (SURG) must be taken in the order prescribed by the department. Other required courses must be completed by the time they are listed on the curriculum pattern and may be completed ahead of time.

Students are placed in two different hospital settings during the clinical classes SURG 1300 and SURG 2300. Students must attend four specified days each week from 7 a.m. to 3 p.m. Clinical settings include hospitals from Ogden to Provo. Students must provide their own transportation. A liability fee of \$20 per semester is required.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check semester class schedule for the day/evening availability and modifications caused by varying enrollment.

CERTIFICATE OF COMPLETION/^{CTE} SURGICAL TECHNOLOGY

(minimum 32 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM 1010 Intro to Comm	3	A	none

PSY	1210	Prsnl Grwth Dev	3	A	none
OR					
PSY	1100	Human Growth	3	A	none
MA	1100	Terminology	2	A	none
SURG	1200	Intro Surg Thy	6	F	Admission into program
SURG	1300	Beginning Prac	6	Sp	SURG 2200
SURG	2200	Adv Theory	6	F	SURG 1200, BIOL 2320/2325
SURG	2300	Advanced Prac	6	Sp	SURG 1300

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
PSY	1210	3	COMM	1010	3
OR			SURG	1300	6
PSY	1100	3	SURG	2300	6
MA	1100	2	TOTAL		15
SURG	1200	6			
SURG	2200	6			
TOTAL		17			

SURVEYING

Redwood Road Campus
General Information (801) 957-4073
Academic Advisor (801) 957-4858
<http://www.slcc.edu/surveying/index.asp>

Professor: Jane Hook

Instructor: Walt Cunningham

THE PROGRAM

The surveying program serves three distinct purposes:

1. Provides students who have little or no experience in the field the skills needed for employment as a surveyor;
2. Gives those already working in the profession additional knowledge needed to prepare for their professional licensing examinations; and
3. Gives licensed professionals opportunities for upgrade training on new issues and equipment in surveying.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses (see summer term in sample schedule) should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program.

CLASS AVAILABILITY

Courses are taught in the evening and on Saturdays to accommodate students already working in the profession. (Courses available in an online format are SVT1010, SVT2050 AND SVT 2060).

The majority of the courses are taught in the evening to accommodate students already working in the profession.

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN SURVEYING

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS (16 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

SVT 1110	Surveying Mth I	4	F	MATH 1010 or CPT score
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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OR

COMM 1020	Prncpls of Pub Spk	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relation	3	A	none
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DISTRIBUTION AREAS (3 CREDITS)

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (53 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
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*EDDT 1040	Intro to CAD	3	A	none
*EDDT 1420	Bsc Microstation	2	A	none
*EDDT 2190	Civil Drafting	2	F, Sp	EDDT 1040, EDDT 1420
ENGL 2100	Technical Wrting	3	A	ENGL 1010
GIS 1800	Intro to Geog Info Sci	3	A	none
SVT 1010	Intro to Srvyng	1	F	none
SVT 1030	Survey Field Tech I	3	Sp	SVT 1110 or MATH 1060
SVT 1120	Surveying Math II	4	Sp	SVT 1110
SVT 2020	Public Land Srv	3	Sp	SVT 1030, SVT 1120
SVT 2030	Survey Field Tech II	3	Sp	SVT 1030
SVT 2040	Control Surveys	3	F	SVT 1120
SVT 2050	Legal Descrip	3	Sp	SVT 1120, SVT 2020 or concurrent, ENGL 2100
SVT 2060	Ethics & Liability	2	Sp	none
SVT 2110	Photogrammetry	3	Sp	SVT1110
SVT 2160	Land Bndry Lw I	2	F	none
SVT 2170	Lnd Bndry Lw II	2	Sp	SVT 2160 recommended, not required
SVT 2200	Public Records	2	F	SVT 2050, SVT 2160, SVT 2170, or concurrent
SVT 2290	App Srvy Drftng	3	F	EDDT 2190, SVT 1030
_____	Electives	6		

*Waived for equivalent experience or courses; challenge tests available.

ELECTIVES (6 CREDIT HOURS)

GIS 1820	Applied GIS3	A		GIS 1800 or instructor approval
SVT 2100	Land Develop	3	F	SVT 1110
SVT 2990	Special Topics	1-3	A	Instructor's approval

SAMPLE SCHEDULE

SUMMER TERM

STUDENTS SHOULD COMPLETE THE FOLLOWING COURSES TO BEGIN THE PROGRAM IN THE FALL:

EDDT 1040	3	(WAIVED FOR PROOF OF EXPERIENCE)
GIS 1800	3	
MATH 1010	4	(IF CPT SCORE NOT ADEQUATE)
TOTAL	3-10	

FALL SEMESTER

EDDT 1420	2
EDDT 2190	2
ENGL 1010	3
SVT 1010	1
SVT 1110	4
DISTRIBUTION	3
TOTAL	15

SPRING SEMESTER

ENGL 2100	3
LE 1220	3
SVT 1030	3
SVT 1120	4
SVT 2060	2
SVT 2110	3
TOTAL	18

2ND FALL SEMESTER

COMM 1010	3
OR	
COMM 1020	3
SVT 2040	3
SVT 2160	2
SVT 2290	3
SVT ELECTIVE	3
TOTAL	14

2ND SPRING SEMESTER

SVT 2020	3
SVT 2030	3
SVT 2050	3
SVT 2170	2
SVT 2200	2
SVT ELECTIVE	3
TOTAL	16

TECHNICAL SUPPORT SKILLS SEE SKILLS CENTER.

TELECOMMUNICATIONS AND COMPUTER NETWORKING

Redwood Road Campus

General Information (801) 957-4073

Division Office (801) 957-4828

Academic Advisor (801) 975-4858

<http://www.slcc.edu/tcn>

Associate Professor: Paul Anstall

Assistant Professor: Richard Darnell

Instructors: Dan Pope, Dan Hutchings

PROGRAM

Telecommunications is said to be the fastest growing occupational field in the world today. Currently, there is more demand for trained workers than is being met by training institutions. The Associate of Applied Science degree in Telecommunications Technology provides the student with a solid foundation in fundamentals of theoretical and applied electronics and telecommunications systems. The first year provides telecommunications industry core. The second year focuses on telecommunications systems design, implementation and support. Students receive broad training covering both hardware and software, including converging and emerging network technologies.

The curriculum is based on national and international standards, national codes, the BICSI Telecommunications Distribution Methods Manual (TDMM), and the BICSI Telecommunications Cabling Installation Manual. BICSI is the largest industry association in the world representing the telecommunications industry. The program also prepares students who meet the experience requirements to sit for the BICSI Registered Telecommunications Distribution Designer (RCDD) certification examination. This is one of the most sought after credentials in the telecommunications industry, because those holding it are in great demand as telecommunications systems designers.

INDUSTRY CERTIFICATIONS

The program is competency based and demonstrated by passing industry recognized certification examinations covering various components of the training. The following is a summary of the certifications required to graduate with this degree, along with the granting organizations.

Registered Cable Systems Installer
Tyco Electronics/AMP Corporation

Registered LAN Troubleshooter and Certifier
Tyco Electronics/AMP Corporation

Registered LAN System Designer
Tyco Electronics/AMP Corporation

A+ Certification
Computing Technology Industry Association (CompTIA)

Certification in Convergent Network Technologies (CCNT)
Telecommunications Industry Association (TIA)

Depending on the electives that students select, they may also prepare themselves to pass the examinations to get the following certifications:

Microsoft Certified Systems Engineer (MCSE)
Microsoft Corporation

Microsoft Certified Systems Administrator (MCSA)
Microsoft Corporation

Net+ Certification
Computing Technology Industry Association (CompTIA)

Cisco Certified Network Professional (CCNP)
Cisco Corporation

Cisco Certified Networking Associate (CCNA)
Cisco Corporation

Cisco Certified Design Associate (CCDA)
Cisco Corporation

Level 1, Level 2 and Technician Cable Installer
BICSI Incl

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN TELECOMMUNICATIONS TECHNOLOGY

(minimum 63-64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE LITERACY			
ELET 1050 Algebra f/Electronics	4	A	CPT or MATH 1010
OR			
MATH 1050 College Algebra	4	A	MATH 1010
COMMUNICATION			
COMM 1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
LE 1220 Human Relations	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ELET 1011 DC Electronics	3	A	ELET 1051 or w/ELET 1051, or MATH 1050
ELET 1012 AC Electronics	3	A	ELET 1011, ELET 1061 or w/ELET 1061
TELE 1110 Telecom Cabling	2	F, Sp	none
TELE 2320 Com Maint (A+) Cert	4	A	CIS 1020 or equiv
TELE 2340 TelecomSys Design	4	F, Sp	TELE 1110
TELE 2461 Ntwk Rting/Swchng I	4	A	CIS 1020
TELE 2470 Conv Ntwk Tchngies	4	F, Sp	TELE 1110

NETWORK INFRASTRUCTURE ELECTIVES

SELECT A MINIMUM OF 8 HOURS FROM THE FOLLOWING

COURSE	CR	SEM	PREREQUISITES
TELE 2462 Ntwk Swchng/Rtng II	4	A	TELE 2461
TELE 2463 Intrntwrkng Design	4	F,Sp	TELE 2461
TELE 2464 Bldg Scalable Ntwks	4	TBA	TELE 2462 or CCNA Cert.
TELE 2465 Bldg Scblle Intrntwks	4	TBA	TELE 2462 or CCNA Cert.
TELE 2466 Remote Access Ntwks	4	TBA	TELE 2462 or CCNA Cert.
TELE 2467 Ntwk Trbleshtng/Sprrt	4	TBA	TELE 2462 or CCNA Cert.
TELE 2510 Comp Ntwk Security	4	F, Sp	TELE 2461

NETWORK OPERATING SYSTEM ELECTIVES

SELECT A MINIMUM OF 12 HOURS FROM THE FOLLOWING

COURSE	CR	SEM	PREREQUISITES
TELE 2210 MCSA/MCSE Mod 1	4	A	Computer literacy
TELE 2220 MCSA/MCSE Mod 2	4	A	TELE 2210
TELE 2230 MCSA/MCSE Mod 3	4	A	TELE 2210
TELE 2337 MCSA/MCSE Mod 7	2	F, Sp	TELE 2230

FREE TECHNICAL ELECTIVES (4 HOURS)

Select a minimum of 4 hours. These courses may be selected from any of the Telecommunications Technology courses not used in the other distribution areas. In addition, with department permission, Computer Science network courses or Electronics Technology courses may be used to satisfy this requirement.

SAMPLE SCHEDULE

1ST FALL SEMESTER			1ST SPRING SEMESTER		
ELET 1011	3		TELE 1110	2	
ELET 1012	3		COMM 1010	3	
ELET 1050	3		TELE 2320	4	
OR			TELE 2470	4	
MATH 1050	4		TELE 2461	4	
ENGL 1010	3		TOTAL	17	
DISTRIBUTION	3				
TOTAL	15-16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
TELE 2340	4		LE 1220	3	
INFRASTR ELEC	4		INFRASTR ELEC	4	
OPER SYS ELEC	4		OPER SYS ELEC	8	
FREE TECH ELEC	4		TOTAL	15	
TOTAL	16				

CERTIFICATES^{CTE}

The following Departmental certificates are available from the Telecommunications department.

**TELECOMMUNICATIONS
CABLE INSTALLER**

(MINIMUM 14 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ELET 1011 DC Electronics	3	A	ELET 1051 or w/ELET 1051, or MATH 1050
ELET 1012 AC Electronics	3	A	ELET 1011, ELET 1061 or w/ELET 1061

VISUAL ART AND DESIGN

ELET	1050	Algebra f/Electronics	4	A	CPT or MATH 1010
LE	1220	Human Relations	3	A	none
TELE	1110	Telecom Cabling	2	A	none

TELECOMMUNICATIONS NETWORK TECHNOLOGY (MINIMUM 23 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ELET 1011 DC Electronics	3	A	ELET 1051 or w/ELET 1051, or MATH 1050
ELET 1012 AC Electronics	3	A	ELET 1011, ELET 1061 or w/ELET 1061
ELET 1050 Algebra f/Electronics	4	A	CPT or MATH 1010
TELE 1110 Telecom Cabling	2	A	none
TELE 2320 Comp MaintenTechn	4	A	CIS 1020 or equiv
TELE 2340 Telecom Sys Design	4	TBA	TELE 1110
TELE 2470 Conv Ntwk Tehnlgies	4	F, Sp	TELE 1110

TELECOMMUNICATIONS TECHNOLOGY APPRENTICESHIP SEE APPRENTICESHIPS.

THEATRE SEE FINE ARTS.

THERAPEUTIC RECREATION TECHNICIAN SEE CONTINUING EDUCATION.

SALT LAKE REGION SMALL BUSINESS DEVELOPMENT CENTER SEE CONTINUING EDUCATION.

TONGAN SEE LANGUAGE AND CULTURE.

TRUCK DRIVING, PROFESSIONAL SEE SKILLS CENTER.

VISUAL ART AND DESIGN

Redwood Road Campus • AD 326 • (801) 957-4678
General Information • BB 109 • (801) 957-4681
Academic Advisor (801) 957-4294
<http://www.slcc.edu/visualart/index.asp>

Professor: Sheila Chambers, Rick Graham

Associate Professors: Brent Budd, Lana Gruendell,
Neil Reiland, Al Schmuhl.

Assistant Professors: Robert Adamson, Kerry Gonzales, Whitney King
Hyans, Terry Martin.

Instructors: Bryan Griggs, Terry Hoganson.

THE PROGRAM

Students with an aptitude in creative problem solving, drawing, design, photography and / or computer related visual communication should consider this rapidly expanding and competitive field. The Visual Art and Design Department allows students to specialize in six different areas:

- **ANIMATION** - Animators find careers in the television and movie industry as well as the ever-expanding world of the Internet. Students who follow this track will earn an AAS Degree in Visual Art and Design/Animation Specialization.

- **DESIGN** - Graphic designers are responsible for the creative concept, design, layout and execution of printed and digital materials such as ads, brochures, logos, annual reports, catalogs, signage, packaging and posters. Students who follow this track will earn an AAS Degree in Visual Art and Design/Design Emphasis.
- **ILLUSTRATION** - Illustrators provide traditionally and digitally produced images, appropriate for use in advertising and editorial design applications. Students who follow this track will earn an AAS Degree in Visual Art and Design/Illustration Emphasis.
- **MULTIMEDIA** - Multimedia artists create digital 2D and 3D art and animation and use authoring tools to build digital applications for use on the World Wide Web and in corporate, educational or entertainment titles. Students who follow this track will earn an AAS Degree in Visual Art and Design/Multimedia Emphasis.
- **PHOTOGRAPHY** - Photographers provide traditionally and digitally produced images appropriate for use in advertising and design applications including; web, stock, commercial, and editorial photography. Photographers also work as portrait, documentary and fine art photographers. Students who follow this track will earn an AAS Degree in Visual Art and Design/Photography Emphasis.
- **ELECTRONIC PUBLISHING** - Students are taught to prepare artwork for successful printing. Students who follow this track will earn a Certificate of Completion.

DEPARTMENT REVIEW

Upon entering the program, students are assigned a departmental advisor and should expect their progress to be reviewed periodically by department faculty. If progress is not deemed satisfactory, students will be counseled and / or given probationary status.

GENERAL AND ELECTIVE COURSES

General Education and elective courses provide training in effective oral and written communication and human relations skills. COM 1010 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

PREPARATION NOTE

Students needing preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. All prerequisite courses must be completed with a C or better grade in order to continue in the program. A student may be dropped from a class if the prerequisite has not been completed.

NOTE: Students or professionals wishing to register for a class in which a prerequisite class is required but has not been taken, should contact the instructor about acquiring possible approval to register for the class.

CLASS AVAILABILITY

Students should check the semester class schedule on the Internet at <http://www.slcc.edu> for availability and modifications caused by varying enrollment. Required departmental classes are not offered every semester. To graduate in two years, students are encouraged to follow the suggested program schedule.

VISUAL ART AND DESIGN DEPARTMENT CLASS AUDIT STATEMENT

Not all Visual Art and Design (ART) classes may be audited. This is especially true for any Visual Art and Design class that has a prerequisite (see course catalog for list of prerequisite classes). Auditing a prerequisite course does not guarantee that the student has mastered the required skills needed for the next level class. Some Visual Art and Design classes that have a prerequisite may be audited if the student can demonstrate an appropriate skill level to the instructor before registering for the class. Students wishing to audit any Visual Art and Design (ART) class without officially completing a prerequisite class (with a 'C' grade or better) must obtain signed permission from the instructor or e-mail authorization before registering for the class. Visual Art and Design (ART) classes that do not have a prerequisite may be audited as per the Auditing Classes guidelines listed in the SLCC catalog.

TRANSFER INFORMATION

ANIMATION ARTICULATION

An articulation agreement between the Multimedia Communication Technology Department of Utah Valley State College and the SLCC VAD Animation area of specialization is in place. This Animation program has been specifically designed to be an integral part of the bachelor's degree in Multimedia with a focus in Animation and is transferable to UVSC. For additional information please contact SLCC academic advisor and advisor at UVSC.

FINE ARTS ARTICULATION

Students desiring to transfer to a four-year institution in Fine Art should contact Professor Rick Graham.

STUDENT ORGANIZATIONS

All students enrolled in the Visual Art & Design program automatically become members of SkillsUSA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, problem solving and skills necessary for employment. Students are encouraged to participate in competitions in their area of specialization.

For information on clubs or organizations within the Visual Art & Design Department, contact the advisors or instructors in the six individual areas of specialization.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63-65 hours required)

NOTE: An articulation agreement between the Multimedia Communication Technology Department of Utah Valley State College and the SLCC Animation area of specialization is available.

GENERAL EDUCATION REQUIREMENTS (63-65 CREDITS)

COURSE	CR	SEM	PREREQUISITE
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intern Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quantitative Reas	3	A	MATH 1010 or CPT
OR			
MATH 1040 Statistics	3	A	MATH 1010 or CPT
OR			
MATH 1050 College Algebra	4	A	MATH 1010 or CPT

AMERICAN INSTITUTIONS

ECON 1740 Econ Hist of US	3	A	none
OR			
HIST 1700 American Civiliza.	3	A	none
OR			
POLS 1100 US Gov & Politics	3	A	none

INSTITUTIONAL REQUIREMENTS LIFELONG WELLNESS

HLAC	1	A	none
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (30 CREDITS REQUIRED)

A minimum of 30 hours in Visual Art and Design and Animation are required for transferable credit into the Bachelor of Science Degree in Multimedia with Emphasis in Animation. The following ART components of this program will articulate with Utah Valley State College:

COURSE	CR	SEM	PREREQUISITE
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1170 Animation I	5	Sp	ART 1110 and approval
ART 1800 Digital Media Essent	4	A	none
ART 1120 Design	3	A	none
ART 1260 Figure Drawing	3	A	ART 1110
ART 1670 Animation II	4	F	ART 1170 and approval
ART 2630 3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR			
ART 2631 3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2470 Desktop Video Prod	2	F	ART 1810, or ART 1360, or ART 2340

In addition to completing the requirements as listed above for this Associate of Science degree, students may choose to complete the following required courses while enrolled at Salt Lake Community College: ART 2260, ART 2280, ART 2440, ART 2641, ART 2650. Additional SLCC classes can be transferred within various "areas of specialization" under the Multimedia Communication Technology BS degree at UVSC. Consult SLCC Academic Advising for a transfer guide for the UVSC program.

*** NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: http://www.utahsbr.edu/html/student_info.html.

SAMPLE SCHEDULE**FALL SEMESTER**

ART 1110	4
ART 1800	4
ENGL 1010	3
MATH 1030	3
OR	
MATH 1050	4
DISTRIBUTION	3
TOTAL	17-18

SPRING SEMESTER

ART 1170	5
ART 1120	3
ART 1260	3
ENGL 2010	3
DISTRIBUTION	3
TOTAL	17

2ND FALL SEMESTER

ART 1670	4
ART 2470	2
DISTRIBUTION	6
AMERICAN INST	3
TOTAL	15

2ND SPRING SEMESTER

ART 2630	5
OR	
ART 2631	5
DISTRIBUTION	6
HLAC	1
STUDENT CHOICE	3
TOTAL	15

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/ANIMATION EMPHASIS

(minimum 65-69 hours required)

Within the Animation specialization there are two options available: Animation/Illustration and Animation/Multimedia. Students who wish to enter the Animation field with an in-depth study of drawing and illustration should follow the Animation/Illustration track. Recommended courses for the Animation/Illustration track:

COURSE	CR	SEM	PREREQUISITES
ART 2210 Illustration I	3	Sp	ART 2110 and approval
ART 2270 Illustration II	3	F	ART 2210 and approval
ART 2290 Adv Illustration	2	Sp	ART 2270 and approval
ART 2260 Adv Fig Draw	2	F	ART 1260 or approval

Students who wish to enter the Animation field with an in-depth study of the technical and production end of the industry should follow the Animation/Multimedia track.

Recommended courses for the Animation/Multimedia track:

COURSE	CR	SEM	PREREQUISITES
ART 1200 Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 2610 Multimedia/Auth	2	F, Sp	ART 2430
ART 2630 3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR			
ART 2631 3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval

Both the Animation/Illustration and Animation/Multimedia tracks are very drawing intensive. The Animation specialization is a very rigorous program and requires careful scheduling of classes to complete the program in a two-year period.

GENERAL EDUCATION REQUIREMENTS**COURSE CR SEM PREREQUISITES****CORE SKILLS
COMPOSITION**

ENGL 1010 Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

MATH 1010 Interm Algebra	4	A	MATH 0990
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OR

ART 1210 Math for Vis Arts	3	F, Sp	none
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COMMUNICATION

COMM 1010 Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

ART 1150 Foundation Sem	2	F, Sp	none. Take first semester.
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1120 Design	3	A	none
ART 1170 Animation I	5	Sp	ART 1110 and approval
ART 1260 Figure Drawing	3	A	ART 1110
ART 1670 Animation II	4	F	ART 1170 and approval
ART 1800 Digital Media Essent	4	A	none
ART 2110 Foundation II Drawing	4	Sp, Su	ART 1110
ART 2410 Comp Art/Des	3	F, Sp	ART 1800
ART 2440 Web Site Des	3	F, Sp	ART 1800
ART 2670 Animation III	3	Sp	ART 1670 and approval
ART 2480 Comp Illus	2	Sp	ART 1800
ART _____ Elective	3-4	A	none
ART 1200 Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
OR			
ART 2260 Adv Figure Draw	2	F	ART 1260
ART 2210 Illustration I	3	Sp	ART 2110 or w/ART 2110
OR			
ART 2630 3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR			
ART 2631 3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2270 Illustration II	3	F	ART 2210
OR			
ART 2610 Mltimedia Authoring	2	F, Sp	ART 2440
ART 2290 Adv Illustration	2	Sp	ART 2270
OR			
ART 2640 3DAnim II (3DMax)	2	F, Sp	ART 2630
OR			
ART 2641 3DAnim II (Maya)	2	F, Sp	ART 2631

SAMPLE SCHEDULE**FIRST SEMESTER**

ART 1110	4
ART 1150	2
ART 1220	3
ART 1800	4
ART 1210	3

OR

MATH 1010	4
COMM 1010	3
TOTAL	19-20

SECOND SEMESTER

ART 2110	4
ART 1170	5
ART 1260	3
ART 2210	3

OR

ART 2630	5
OR	
ART 2631	5
TOTAL	15-17

THIRD SEMESTER

ART 1670	4
ART 2440	3
ART 1200	3

OR

ART 2260	2
ART 2270	2
OR	
ART 2610	2
DISTRIBUTION	3
TOTAL	14-16

FOURTH SEMESTER

ART 2410	3
ART 2480	2
ART 2670	3
ART 2290	2

OR

ART 2640	2
OR	
ART 2641	2
ART ELECTIVE	3-4
ENGL 1010	3
TOTAL	16-17

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/DESIGN EMPHASIS

(minimum 69 hours required)

Students who elect to specialize in Design receive job-entry skills and training in various applications of visual art, graphic design and advertising. Graphic creativity and proficiency in current computer programs necessary for employment in the design field are integral parts in this program.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

ART 1210	Math for Vis Arts	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
ART 1110	Foundation I Drawing	4	F, Sp	none
ART 1120	Design	3	A	none
ART 1135	Printing Fundamentals	3	A	none
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260	Figure Drawing	3	A	ART 1110
ART 1360	InternPhotoshpPmt/Design2	2	A	ART 1800
ART 1800	Digital Med Essentials	4	A	none
ART 2010	Hist Vis Art/Des	3	F	none
ART 2070	Occupation Prep	3	F, Sp	2nd year status
ART 2110	Foundation II Drawing	4	Sp, Su	ART 1110
ART 2220	Advanced Design	3	F, Sp	ART 1230
ART 2230	Adv Type & Layout	3	F, Sp	ART 1230
ART 2240	Package Design	3	F, Sp	ART 1230
ART 2280	Advertising Wksp	2	Sp	ART 1120, 2nd year
ART 2412	Illustrator	2	F, Sp	ART 1800
ART 2440	Web Site Design	3	F, Sp	ART 1800
ART 2610	Multimedia Auth	2	F, Sp	ART 2440
ART	Electives	1-3*		

*SELECT ONE OF THE FOLLOWING GRAPHIC DESIGN ELECTIVES:

ART 1240	Screen Printing	3	F, Sp	none
ART 2140	Adv Photoshop	2	F, Sp	ART 1810 or ART 1340 or ART 2340 or approval
ART 2200	Adv Prd Art (Quark)	2	Sp	ART 1200 or approval
ART 2210	Illustration I	3	Sp	ART 2110 or w/ART 2110
ART 2240	Package Design	3	F, Sp	ART 1230
ART 2420	Adv Illustrator	2	Sp	ART 2412 or approval

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ART	1110	4		ART	2110	4	
ART	1120	3		ART	1210	3	
ART	1135	3		ART	1230	3	
ART	1150	2		ART	1260	3	
ART	1200	3		ART	1360	2	
ART	1800	4		ENGL	1010	3	
TOTAL		19		TOTAL		18	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
ART	2010	3		ART	2070	3	
ART	2230	3		ART	2220	3	
ART	2240	3		ART	2280	2	
ART	2412	2		ART ELECTIVE	1-3		
ART	2440	3		ART	2610	2	
DISTRIBUTION		3		COMM	1010	3	
TOTAL		17		TOTAL		14-16	

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/ILLUSTRATION EMPHASIS

(minimum 69 hours required)

This program will provide job-entry level training for traditional and computer illustration. Specializations are book covers, magazine story and spot illustrations in black and white, limited color and full color. Students who are preparing for this area of specialization should acquire a high level of drawing skill.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENG 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

ART 1210	Math for Vis Arts	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
ART 1110	Foundation I Drawing	4	F, Sp	none
ART 1120	Design	3	A	none
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260	Figure Drawing	3	A	ART 1110
ART 1310	Photography I	4	A	none
ART 1360	InternPhotoshpPmt/Design2	A		ART 1800
ART 1810	Int Photosp Multmed	2	F, Sp	ART 1800
ART 1800	Digital Med Essentials	4	A	none
ART 2070	Occu Preparatn	3	F, Sp	2nd year status

VISUAL ART AND DESIGN

ART 2110	Foundation II Drawing	4	Sp, Su	ART 1110
ART 2210	Illustration I	3	Sp	ART 2110 or concurrent
ART 2260	Adv Fig Draw	2	F	ART 1260
ART 2270	Illustration II	3	F	ART 2210
ART 2280	Adver Wrkshop	2	Sp	ART 1220, 2nd year
ART 2290	Adv Illustration	2	Sp	ART 2270
ART 2412	Illustrator	2	F, Sp	ART 1800
ART 2440	Web Site Des	3	F, Sp	ART 1800
OR				
ART 2480	Computer Illust	2	Sp	ART 1800
ART 2560	Figure Painting	3	Sp	ART 1260
ART 2050	Cartooning	2	F	ART 1110, ART 1260
OR				
ART 2520	Adv Drawing	2	F	ART 1110 or approval

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
ART 1110	4	ART 2110	4
ART 1150	2	ART 1200	3
ART 1120	3	ART 1210	3
ART 1310	4	ART 1260	3
ART 1800	4	ART 2210	3
TOTAL	17	COMM 1010	3
		TOTAL	19
THIRD SEMESTER		FOURTH SEMESTER	
ART 1230	3	ART 2070	3
ART 1360	2	ART 2280	2
ART 1810	2	ART 2290	2
ART 2260	2	ART 2440	3
ART 2270	3	OR	
ART 2050	2	ART 2480	2
OR		ART 2560	3
ART 2412	3	ENGL 1010	3
OR		TOTAL	15-16
ART 2520	2		
DISTRIBUTION	3		
TOTAL	17-18		

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/MULTIMEDIA EMPHASIS

(minimum 69 hours required)

Powerful, inexpensive, multimedia personal computers and now communication technologies such as the Internet, CD-ROM and digital video are generating new career opportunities for the visual artist with solid technical skills. Students studying multimedia will learn the industry's leading applications for authoring multimedia content for diverse delivery mediums, including CD-ROM, corporate, Kiosk systems and the World Wide Web. In addition, students will become adept at using computers to edit sound and video, create 3D graphics, animation and digital artwork, as well as designing/producing printed collateral and developing web sites. These technical skills are complimented by courses that will provide the opportunity to acquire solid art and design abilities. Those with a propensity for learning technical concepts and a creative and artistic aptitude will enjoy the exciting field of multimedia.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

MATH 1010	Interm Algebra	4	A	MATH 0990
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ART 1110	Foundation I Drawing	4	F, Sp	none
ART 1120	Design	3	A	none
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260	Figure Drawing	3	A	ART 1110
ART 1800	Digital Med Essentials	4	A	none
ART 1810	Int Photosp Multimed	2	F, Sp	ART 1800
ART 2110	Foundation II Drawing	4	Sp, Su	ART 1110
ART 2230	Adv Typo & Layout	3	F, Sp	ART 1230
ART 2410	Comp Art/Des	3	F, Sp	ART 1800
ART 2440	Web Site Des	3	F, Sp	ART 1800
ART 2470	Dsktp Video Prod	2	F	ART 1810 or ART 1360 or ART 2340
ART 2480	Comp Illust	2	F, Sp	ART 1800
ART 2490	Adv Std Com G	2	Sp	approval
ART 2610	MultimediaAuth	2	F, SP	ART 2440
ART 2630	3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR				
ART 2631	3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2650	Mltimedia Prodcn	3	F, Sp	ART 1810 or instructor approval
ART Elective		1-2		
CS 2560	"C" Pro Multimd	2	Sp	ART 2440

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
ART 1110	4	ART 2110	4
ART 1150	2	ART 1120	3
ART 1200	3	ART 1230	3
ART 1800	4	ART 1810	2
MATH 1010	4	ART 2410	3
TOTAL	17	ENGL 1010	3
		TOTAL	18
THIRD SEMESTER		FOURTH SEMESTER	
ART 1260	3	ART 2230	3
ART 2440	3	ART 2490	2
ART 2470	2	ART 2610	2
ART 2480	2	ART 2650	3
ART 2630	5	ART ELECTIVE	1-2
OR		COMM 1010	3
ART 2631	5	CS 2560	2
DISTRIBUTION	3	TOTAL	16-17
TOTAL	18		

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/PHOTOGRAPHY EMPHASIS

(minimum 67-69 hours required)

Photography is widely used in visual art and design, including fine art. Students who elect to pursue the AAS Degree in Visual Art and Design's Photography Emphasis will become acquainted with, and gain competencies in, all aspects of the photographic arts. Competencies will include: film and digital camera operation, studio and existing lighting control, working in both digital and film environments to produce color and black and white imagery. This prepares students to work as freelance photographers or continue their education for an advanced degree. Students will learn various visual art business practices and they will prepare a professional portfolio. The final and exit portfolio is a required component of the Photography Program and is designed to obtain an entry-level job within one of the many photography related career paths.

The photography emphasis student must have access to fully adjustable camera equipment (digital or film SLR, or medium format) and additional equipment and supplies as required for this program and its various courses.

PHOTOGRAPHY ARTICULATION

Brooks Institute of Photography, a premier photographic arts school, has approved articulation of the Photography Specialization Degree into their programs. It is the photography student's responsibility to declare their pursuit of this articulation before or during their third (3rd) semester of the photography program. Students wishing to pursue this articulation, or wishing additional information should contact instructor Terry Martin at 957-4973.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

ART 1210	Mth for Vis Arts	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES	
ART 1110	Foundation I Drawing	4	F, Sp	none
ART 1120	Design	3	A	none
ART 1310	Photography I	4	A	none
ART 1320	PhotoVision	1	F, Sp	w/ART 1310 or ART 1050
ART 1340	Photo Equip & Tech	3	Sp	ART 1310 or w/ART 1310 or w/ART 1380
ART 1380	Photography II	4	A	ART 1310
ART 1385	Dig/Film Drkrm Lab	1	Sp	ART 1380 or w/ART 1380

ART 1800	Digital Med Essentials	4	A	none
ART 2070	Occ Prep (Photo)	3	F, Sp	2nd year status
ART 2310	Studio Photography	4	F	ART 1340, ART 1120
ART 2330	Photo History	3	F	ART 1050 or ART 1310
ART 2340	Photoshop f/Photogr	2	F	ART 1800 and ART 1380
ART 2380	Adv Stdies Photo	4	Sp	ART 2310
ART 2990	Spec Stdies (Photo)	1-3	A	Instructor's approval
ART	Electives	6		
ART	Non-Photo Art Elec	6		

PHOTOGRAPHY ELECTIVES

CHOOSE A MINIMUM OF 6 CREDITS FROM THE FOLLOWING COURSES:

COURSE	CR	SEM	PREREQUISITES	
ART 1390	Color Photog	3	Sp	ART 1310
ART 2300	Altern Photo	3	Sp	ART 1380
ART 2320	Documnt Photo	3	F	ART 1380
ART 2350	Photo People/Portrt	3	Sp	ART 2310
ART 2970	SpecTops in Photog	1-6		

NON-PHOTO ART ELECTIVES

CHOOSE A MINIMUM OF 6 CREDITS FROM THE FOLLOWING COURSES:

COURSE	CR	SEM	PREREQUISITES	
ART 1135	Printing Fundamentals	3	A	none
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260	Figure Drawing	3	A	ART 1110
ART 2010	History of VAD	3	F	none
ART 2110	Foundation II	4	F, Sp	ART 1110
ART 2140	Advncd Photoshop	2	F, Sp	ART 1360 or ART 1810 or ART 2340 or approval
ART 2280	Advertising Wrkshp	2	Sp	ART 1120, 2nd year
ART 2410	Cmputr Art & Design	3	F, Sp	ART 1800
ART 2440	Web Site Design	3	F, Sp	ART 1800
ART 2470	Desktop Video Prod	2	F	ART 1810 or ART 1360 or ART 2340

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ART 1110	4		ART 1120	3	
ART 1210	3		ART 1340	3	
ART 1150	2		ART 1380	4	
ART 1310	4		ART 1385	1	
ART 1320	1		ART 1800	4	
ENGL 1010	3		COMM 1010	3	
TOTAL	17		TOTAL	18	
THIRD SEMESTER			FOURTH SEMESTER		
ART 2310	4		ART 2070	3	
ART 2330	3		ART 2380	4	
ART 2340	2		ART 2990	1-3	
PHOTO ELECTIVE	3		PHOTO ELECTIVE	3	
ART ELECTIVE	3		ART ELECTIVE	3	
TOTAL	15		DISTRIBUTION	3	
			TOTAL	17-19	

CERTIFICATE OF COMPLETION/^{CTE} VISUAL ART AND DESIGN/ ELECTRONIC PUBLISHING

(minimum 33-34 hours required)

In the electronic publishing certificate students learn the skills to enter a career in the graphic communications industry (printing), which is the second largest manufacturing industry in the United States. In this certificate program students learn 6 standard software programs used in the graphic communications industry: Adobe PageMaker, Quark XPress, Adobe Illustrator, Macromedia, Adobe InDesign, and Adobe PhotoShop. Principles of graphic

design, electronic layout, graphics production and manipulation, scanning, editing of text, graphics and photographs will be learned. Students also learn basic printing techniques and procedures to help in designing and preparing materials to be printed. The latest software and computer hardware is available for student use in the departmental computer labs.

All courses in this certificate can be taken as the first year of study towards the Design Specialization Associate of Applied Science Degree.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
ART 1135	Printing Fundamentals	3	A	none
ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1210	Math for Vis Arts	3	F, Sp	none
ART 1120	Design	3	A	none
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1360	IntermPhotoshpPmt/Design	2	A	ART 1800
ART 1800	Digital Med Essentials	4	A	none
ART 2230	Adv Typ/Layout	3	F, Sp	ART 1230
ENGL 1010	Intro to Writing	3	A	pre-test
COMM 1010	Intro to Comm	3	A	none

SELECT ONE OF THE FOLLOWING ELECTRONIC PUBLISHING ELECTIVES:

ART 1240	Screen Printing	3	F, Sp	none
ART 2080	VAD Internship	3	F, Sp	instructors approval, portfolio review
ART 2220	Advanced Design	3	F, Sp	ART 1230
ART 2240	Package Design	3	F, Sp	ART 1230
ART 2280	Advert Workshop	2	Sp	ART 1220, 2nd year
_____	Elective	3		

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ART 1135	2		ENGL 1010	3	
ART 1150	2		ART 1230	3	
ART 1200	3		ART 1360	2	
ART 1210	3		EP ELECTIVE	3	
ART 1120	3		COMM 1010	3	
ART 1800	4		ART 2220	3	
TOTAL	17		OR		
			ART 2230	3	
			TOTAL	17	

DEPARTMENTAL ELECTIVES

COURSE		CR	SEM	PREREQUISITES
ART 1010	Exploring Art	3	A	none
ART 1020	Intro to Drawing	3	A	none
ART 1050	Intro to Photography	3	A	none
ART 1060	Hist/Art Lettering	3	A	none
ART 1135	Printing Fundamentals	3	A	none
ART 1040	Jewelry Cult/Creat	3	A	none
ART 1170	Animation I	5	Sp	ART 1110 and approval
ART 1200	Production Art (DTP pg Layout)	3	A	ART 1800 or w/ART 1800
ART 1230	Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1240	Screen Printing	3	F, Sp	none
ART 1250	Airbrush	3	F	none
ART 1260	Figure Drawing	3	A	ART 1110
ART 1310	Photography I	4	A	none
ART 1320	Photo Vision	1	F, Sp	w/ART 1310 or ART 1050
ART 1340	Photo Equip & Techn	3	Sp	ART 1310
ART 1360	IntermPhotoshpPmt/Design	2	A	ART 1800

ART 1380	Photography II	4	A	ART 1310
ART 1385	Dig/Film Drkrm Lab	1	Sp	ART 1380 or w/ART 1380
ART 1390	Color Photog	3	Sp	ART 1310
ART 1530	Painting/Watercl	3	A	none
ART 1540	Painting/Oils	3	A	none
ART 1600	Beginning Pottery	3	A	none
ART 1650	Intermediate Pottery	3	A	ART 1600
ART 1670	Animation II	4	F	ART 1170 and approval
ART 1810	Int Photosp Multmed	2	F, Sp	ART 1800
ART 2010	History Art/Dsgn	3	F	none
ART 2050	Cartooning	2	F	ART 1260
ART 2080	VAD Internship	3	A	Portfolio review, approval
ART 2000	CO-OP	2-4	A	2nd year and approval
ART 2140	Adv Photoshop	2	F, Sp	ART 1360, or ART 1810 or ART 2340 or approval
ART 2200	AdvPrd Art (Quark)	2	Sp	ART 1200 or approval
ART 2210	Illustration I	3	Sp	ART 1120 or w/ART 1120
ART 2220	Advanced Design	3	F, Sp	ART 1230
ART 2230	Adv Typog & Lyout	3	F, Sp	ART 1230
ART 2240	Package Design	3	F, Sp	ART 1230
ART 2260	Adv Figure Draw	2	F	ART 1260
ART 2270	Illustration II	3	F	ART 2210
ART 2280	Advertising Wrkshp	2	Sp	ART 1120, 2nd year
ART 2290	Adv Illustrator	2	Sp	ART 2270
ART 2300	Alternatv Photog	2	Sp	ART 1380
ART 2310	Studio Photography	4	F	ART 1340, ART 1120
ART 2320	Documnt Photog	2	F	ART 1380
ART 2330	Photog History	2	F	ART 1050 or ART 1310
ART 2340	Photoshop f/Photog	2	F	ART 1800 and ART 1380
ART 2350	Photo People/Portrt	3	Sp	ART 2310
ART 2380	Adv Studies Phot	4	Sp	ART 2310
ART 2410	Computer Art	3	F, Sp	ART 1800
ART 2412	Illustrator	2	F, Sp	ART 1800
ART 2420	Adv Illus	1	Sp	ART 2410 or ART 2412 or approval
ART 2440	Web Site Design	3	F, Sp	ART 1800
ART 2470	Desktp Video Prod	2	F	ART 1360 or ART 1810 or ART 2340 or approval
ART 2480	Cmptmr Illustrtrion	2	F, Sp	ART 1800
ART 2490	Adv Cmp Graphs	2	Sp	Instructor's approval
ART 2520	Adv Drawing	2	F	ART 1110 or approval
ART 2530	Adv Paint/Watrcel	3	A	ART 1530
ART 2540	Adv Painting/Oil	3	A	ART 1540
ART 2560	Figure Painting	3	Sp	ART 1260
ART 2610	Multimedia Auth	2	F, Sp	ART 2440
ART 2630	3D Animation	5	F, Sp	ART 1810 or instructor approval
ART 2631	3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2640	3DAnim II (3DMax)	2	F, Sp	ART 2640
ART 2641	3D Anim II (Maya)	2	F, Sp	ART 2641
ART 2650	Multimedia Prod	3	F, Sp	ART 1810 or instructor approval
ART 2670	Animation III	3	Sp	ART 1670 and approval
ART 2900	Visual Art/Dsgn	1-3	TBA	Instructor's approval
ART 2940	Spec Topics Design	1-6	TBA	Instructor's approval
ART 2950	Spec Topics Illust	1-6	TBA	Instructor's approval
ART 2960	Spec Topics Anima	1-6	TBA	Instructor's approval
ART 2970	Spec Topics Photog	1-6	TBA	Instructor's approval
ART 2980	SpTopics Multimed	1-6	TBA	Instructor's approval
ART 2990	Special Studies	1-3	A	Instructor's approval

WELDING

SEE ALSO **SKILLS CENTER AND APPRENTICESHIPS.**

Redwood Campus (801) 957-4096
General Information (801) 957-4073
Academic Advisor CT 186 (801) 957-4550
For Apprenticeship and Other Related Welding (801) 957-4066

THE PROGRAM

All common methods of welding, acetylene and inert gas welding techniques are taught. A graduate welder is capable of welding ferrous and non-ferrous metals in all positions and can operate shears, rolls, drills and brakes. A knowledge of metals and metal-lurgy is required. A welder is competent in layout, cutting and forming metals and determines electrodes and filler metal to be used. Welders work from blueprints and written procedures and know welding symbols.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the architecture program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

SPECIAL REQUIREMENTS

Good eyesight, good eye-hand coordination, physical condition and basic reading and math skills are required for success in this program.

ELECTIVE OPTIONS

It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving welding. With prior approval of a teaching faculty member and the CO-OP coordinator, the students would register for the regular laboratory course.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollments.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN WELDING

(minimum 70 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
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CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
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QUANTITATIVE LITERACY

IND 1120	Math Industry	3	F, Sp	none
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COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none
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HUMAN RELATIONS

LE 1220	Human Relations	3	A	none
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DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

Biological Science (BS)	3	A	none
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Physical Science (PS)	3	A	none
Social Science (SS)	3	A	none

See pp. 25-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
IND 1130 Math for Welders	3	F, Sp	IND 1120
IND 1140 Princ of Tech	2	F, Sp	IND 1120
WLD 1110 Fund of Weldng	4	F, Sp	w/WLD 1111
WLD 1111 Fund of Weld Lab	8	F, Sp	WLD 1110
WLD 1120 Weld Proc/Qual	4	F, Sp	WLD 1110, WLD 1111, w/WLD 1121
WLD 1121 Weld Proc/Qul Lab	8	F, Sp	WLD 1110, WLD 1111, w/WLD 1120
WLD 1230 Gas Shield Wld Insp	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1131
WLD 1231 Gas Shld Wld In Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1130
WLD 1240 Flux Cr/Pipe Fb	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1241
WLD 1241 Flx Cr/Pipe Fb Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1240
WLD 1260 Blueprint for Welding	3	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	COMM	1010	3
IND	1120	3	LE	1220	3
WLD	1110	4	WLD	1120	4
WLD	1111	8	WLD	1121	8
TOTAL		18	TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
IND	1130	3	IND	1140	2
WLD	1230	4	WLD	1240	4
WLD	1231	8	WLD	1241	8
DISTRIBUTION		3	WLD	1260	3
TOTAL		18	TOTAL		17

DIPLOMA/WELDING^{CTE}

(minimum 65 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM 1010 Intro to Comm	3	A	none
IND 1120 Math for Ind	3	F, Sp	none
IND 1130 Math for Wldrs	3	F, Sp	IND 1120
IND 1140 Princ of Tech	2	F, Sp	IND 1120
LE 1220 Human Relations	3	A	none
WLD 1110 Fund of Weldng	4	F, Sp	w/WLD 1111
WLD 1111 Fund of Weld Lab	8	F, Sp	WLD 1110
WLD 1120 Weld Proc/Qual	4	F, Sp	WLD 1110, WLD 1111, or equivalent, w/WLD 1121
WLD 1121 Weld Proc/Qu Lab	8	F, Sp	WLD 1110, WLD 1111, or equivalent, w/WLD 1120

WELDING

WLD	1230	Gas Shield Wld Insp	4	F, Sp	WLD 1120, WLD 1121, or equivalent, w/WLD 1231
WLD	1231	Gas Shld Wld In Lab	8	F, Sp	WLD 1120, WLD 1121, or equivalent, w/WLD 1230
WLD	1240	Flux Cr/Pipe Fb	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1241
WLD	1241	Flx Cr/Pipe Fb Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1240
WLD	1260	Blueprint for Welding	3	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
IND	1120	3	COMM	1010	3
WLD	1110	4	LE	1220	3
WLD	1111	8	WLD	1120	4
TOTAL		15	WLD	1121	8
			TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
IND	1130	3	IND	1140	2
WLD	1230	4	WLD	1240	4
WLD	1231	8	WLD	1241	8
TOTAL		15	WLD	1260	3
			TOTAL		17

WELDING APPRENTICESHIP

SEE APPRENTICESHIPS.

COMPUTER WORKSHOPS

FASHION INSTITUTE

GENEALOGY

INSTITUTE OF PUBLIC SAFETY

INTERIOR DESIGN

LEGAL SECRETARY

LIBRARY TECHNICIAN

PHARMACY TECHNICIAN

REAL ESTATE APPRAISAL

THERAPEUTIC RECREATION TECHNICIAN

WORKSHOPS AND OTHER OPPORTUNITIES

SERVICES

CENTERS

CREDIT PROGRAMS AND SERVICES

OTHER PROGRAMS AND SERVICES

**DIVISION OF BUSINESS AND
EMPLOYER OUTREACH/
MILLER BUSINESS RESOURCE CENTER**

CONTINUING EDUCATION

Redwood Road Campus
4600 South Redwood Road
P.O. Box 30808
Salt Lake City, Utah 84130-0808
(801) 957-3105
<http://www.slcc.edu/continuinged/>

Continuing Education (CE) focuses on programs designed to meet the needs of business, industry, agencies, and professionals in their fields. Programs range from on-going career oriented programs to upgrade and customized training focused on development of a particular skill. CE also focuses on on-site delivery of programs and courses.

NON-CREDIT PROGRAMS

The programs listed and described are all offered on an on-going and regularly scheduled basis and generally appear in the class schedules. They are typically at least one month in length and may take as long as 2 years to complete. In many instances, a for-credit option is available. The options are noted within the description of each program. Where credit hours are listed, they indicate the suggested elective credit hours that may be available to students by arranging to have those classes counted as elective hours towards an Associates Degree.

COMPUTER WORKSHOPS
FASHION INSTITUTE
GENEALOGY
INSTITUTE OF PUBLIC SAFETY
EMERGENCY MEDICAL TECHNICIAN
PEACE OFFICER BASIC
SPECIAL FUNCTION/RESERVE OFFICER
INTERIOR DESIGN
LAW ENFORCEMENT (POST) CERTIFICATION
(SEE INSTITUTE OF PUBLIC SAFETY)
LEGAL SECRETARY
LIBRARY TECHNICIAN
PHARMACY TECHNICIAN
REAL ESTATE APPRAISAL
THERAPEUTIC RECREATION TECHNICIAN

COMPUTER WORKSHOPS

SLCC Continuing Education (801) 957-3115
Computer Workshops Information (801) 957-3428
<http://www.slcc.edu/computerworkshops/>

FACULTY

Computer Workshops (CWS) faculty are drawn from professionals with working expertise in the subject matter and from within various College departments. CWS instructors are accomplished adult learning facilitators providing instructor-led, hands-on learning opportunities for small groups.

CWS provide short term, quality education for businesses, community, and individuals. Computer Workshops are open to anyone wishing to explore or improve their knowledge of computer applications. Students learn the skills in demand by employers to help them advance their careers or update their skills. Employers are able to design different skill paths and schedules for each employee.

CERTIFICATES

See website for list: <http://www.slcc.edu/workshops>

FASHION INSTITUTE

Estimated cost of books and supplies per course	\$125
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Library Square, Continuing Education (801) 957-2000
General Information (801) 957-3929
Academic Advisor (801) 957-4482
<http://www.slcc.edu/pcd>

THE PROGRAM

The Fashion Institute certificate prepares students for entry-level retail or wholesale sales, management, retail buying or entrepreneurship in the clothing industry. It also prepares students for continuation of their education at one of the major fashion schools.

Coursework trains students in fashion design, both theory and practice. After successful completion of the required classes, students are awarded a Fashion Institute certificate. No financial aid is available at this time.

Students completing courses listed below earn continuing education credit which applies to a certificate. Completion of these courses can only be used toward an AA, AS, AAS or certificate of completion with approval of the division sponsoring the degree or certificate of completion.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications in the semester schedule.

CERTIFICATE

(minimum 30 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
FASH 1010 Intro to Fashion	2	A	none
FASH 1100 Mths of Pattn Design	3	A	none
FASH 1210 Fashion Illus/Design I	2	F, Sp	none
FASH 1350 History of Fashion	2	F	none
FASH 1500 Beg Sewing	2	F, Sp	none
FASH 1501 Adv Sewing	2	F, Sp	FASH 1500 or approval
FASH 1505 Intermediate Sewing	3	F, Sp	FASH 1500
FASH 2010 Textiles	2	F	none
FASH 2100 Adv Methods of Pat	3	F, Sp	FASH 1100
FASH 2240 Fash Buying & Mgmt	2	F	none
FASH 2400 Adv Design	4	Sp	FASH 1100, FASH 1200, FASH 1505, FASH 2010, w/FASH 2100, MGT 1100
MGT 1100 Small Bus Mgmt	3	F, Sp	none*

*Recommended to follow FASH 1100, FASH 1200, FASH 1505, concurrent with FASH 2010 & FASH 2100.

ELECTIVES (OPTIONAL)

COURSE	CR	SEM	PREREQUISITES
FASH 1150 Your Personal Pattern	2	Sp	none
FASH 1220 Fashion Illustra II	2	F, Sp	FASH 1210
FASH 1300 Vis Merchandising	2	Sp	none
FASH 1550 VocAlt/Costumg	2	F	approval
FASH 1551 AdvAlt/Costumg	2	Sp	FASH 1550
FASH 1600 Serger Class	2	F	none

CONTINUING EDUCATION

FASH 1650	Embellishments	2	F	none
FASH 1850	Fashion Show Prod	4	Sp	none
FASH 1900	Special Projects	1-3	F, Sp	approval
FASH 2000	Internship for Fashion	3	A	FASH 1100, FASH 1505
FASH 2200	Psych of Clothing	2	Sp	none
FASH 2260	Forecasting/Mktg	2	Sp	none
FASH 2450	Fash Desgn Portfolio	2	Sp	FASH 1210, FASH 1550, FASH 1551, w/ FASH 1300, FASH 1850, FASH 1900, FASH 2100

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
FASH 1010	2	FASH 1501	2
FASH 1100	3	FASH 2100	3
FASH 1210	2	FASH 2240	2
FASH 1350	2	FASH 2400	4
FASH 1500	2	MGT 1100	3
FASH 1505	3	TOTAL	14
FASH 2010	2		
TOTAL	16		

GENEALOGY

Estimated cost of books and supplies per semester \$100-\$200

Miller Campus, Continuing Education (801) 957-5200
 Program Coordinator (801) 957-4429
 Academic Advisor (801) 957-4482
 General Information (801) 957-4073
<http://www.slcc.edu/pcd>

THE PROGRAM

This online Genealogy program is designed to prepare students to enter the field of genealogical research. The course work focuses on teaching students how to develop solid research and organizational skills and the proper use of genealogical records and sources. Students will also be introduced to possible career paths. The program combines both classroom and practical hands-on research experience through its course offerings.

All required courses are offered online; some will be offered in person as well.

The Genealogy program is currently a certificate program where students must complete 29 hours.

Financial aid is not available at this time.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

CERTIFICATE

(minimum 29-30 hours required)

MAJOR COURSE REQUIREMENTS

****INSTRUCTOR APPROVAL CAN BE SUBSTITUTED FOR THESE PREREQUISITES.**

(21 CREDIT HOURS)

COURSE		CR	SEM	PREREQUISITES
GEN 1010	Intro to Gen Research	3	A	None**
GEN 1015	US Sources and Records	3	Sp	GEN1010**
GEN 1016	Int'l Sources & Records	3	Su	GEN 1015**

GEN 1030	Gen. Computers	3	A	Comp. Lit.
GEN 1035	Internet Genealogy	3	Sp	GEN 1030**
GEN 1110	Genealogical Writing	3	Su	GEN 1010
HIST 1700	American Civilization	3	A	None

STUDENTS MUST CHOOSE AN ADDITIONAL 8 CREDIT HOURS FROM THE FOLLOWING ELECTIVES:

GENEALOGY ELECTIVES

COURSE		CR	SEM	PREREQUISITES
GEN 1020	Gen. Methodology	3	F	GEN 1015
GEN 1530	LDS Church Records	2	Su	GEN 1015
GEN 1600	Working in a Prof. Env.	3	F	None
GEN 2010	Professional Symposium	2	Sp	None

OTHER ELECTIVES

COURSE		CR	SEM	PREREQUISITES
ANTH 1010	Cultural & Human Exp.	3	F,Sp	none
HIST 1300	Colonial Latin Am	3	F	none
HIST 1310	Mod Latin Am	3	Sp	none
HIST 1500	World Hist to 1500	3	F, Sp	none
HIST 1501	World Hist Since 1500	3	F,Sp	none
HIST 2700	US History to 1865	3	F, Sp	none
HIST 2710	US History Since 1865	3	F, Sp	none
LT 1010	Intro to Library Services	3	A	none
LT 1200	Public/Information Svcs	3	Sp	none
LT 1500	Library Tech Services	3	F	none

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
GEN 1010	3	GEN 1015	3
GEN 1030	3	GEN 1035	3
HIST 1700	3	ELECTIVE	3
ELECTIVE	3	TOTAL	9
TOTAL	12		
THIRD SEMESTER			
GEN 1110	3		
GEN 1016	3		
ELECTIVE	2-3		
TOTAL	8-9		

INSTITUTE OF PUBLIC SAFETY

Estimated cost of books and supplies per program \$250

Academic Advisor (801) 957-3930
 Miller Campus, Continuing Education (801) 957-5200
 General Information (801) 957-4073 or (801) 957-3930
 Director: James Hoffman

The LAW 1000 and LAW 1050 courses (Peace Officer's Academy) are team-taught by practitioner instructors who are P.O.S.T. certified. The teams include selected members of the Institute training staff, local law enforcement agencies, and attorneys for city, county, and state agencies.

THE PROGRAM

The 1985 Utah Legislature altered statutes concerning law enforcement instructional programs. Four categories of training programs and certification requirements became effective July 1, 1985. These categories and certification standards have undergone several revisions.

Two separate programs are provided in law enforcement instruction to meet these training requirements. The Peace Officer Standards and Training (P.O.S.T.) Council has approved curricula relating to each of these.

GENERAL EDUCATION REQUIREMENTS

1. United States citizen.
2. Minimum age of 21 at time of graduation from the program.

NOTE: Certification must be awarded within one year from the date of course completion. Students must be at least 21 years of age when applying for these programs, or birthday must fall during or before completion of the program.

3. Have a high school diploma or GED.
4. Pass a background investigation.
5. Free of any physical, emotional, or mental conditions that might adversely affect the performance of duty as a peace officer as determined through a selection process.
6. Be accepted by P.O.S.T. based on the application process.
7. Pass the "National - Police Selection Test." For details regarding this test, contact the Skills Center.

CEIP 0910 SPECIAL FUNCTION/RESERVE OFFICER TRAINING COURSE

THE COURSE

This training course satisfies the certification training requirements for those who desire to become employed in the law enforcement fields of airport or campus security, constable service, corrections and a number of selected positions with various regulatory agencies. This program also meets the requirements for those interested in becoming reserve or auxiliary officers.

The CEIP 0910 training course consists of up to 230 contact hours during a 13-week period.

COURSE CONTENT - LEGAL, PATROL, AND CRIMINAL INVESTIGATIVE SUBJECTS (INCLUDING SKILL AREAS):

- Abnormal Behavior
- Allied and Related Agencies
- Arrest Control and Search
- Blood Borne Pathogens
- Constitutional Law
- Control Substances Law
- Criminal Justice System
- Discretionary Decision Making
- Ethics/Professionalism
- First Aid
- Interpersonal Communication
- Introduction to Computers
- Introduction to Vehicle Operations
- Juvenile Law and Procedures
- Laws of Arrest
- Laws of Evidence
- Laws of Search and Seizure
- Liability of Peace Officers
- Liquor Control Law
- Media Relations
- Minority Awareness
- Note Taking and Study Skills
- Physical Disablers
- Physical Fitness
- Radio Communication
- Report Writing
- Stress Management
- Understanding Behavior
- Use of Force
- Utah Court System
- Utah Criminal Code
- Weight Control

CEIP 0920 PEACE OFFICER BASIC TRAINING COURSE

THE COURSE

CEIP 0920 Peace Officer's Basic Training is the final module of the program; applicants must hold a valid special functions certification or must first complete the CEIP 0910 course.

This module consists of 372 contact hours of law enforcement training during an 18-week period.

Estimated cost of books and supplies for program \$600

COURSE CONTENT

- Area Familiarization
- Arrest Control Techniques/Baton
- Building Search
- Case Preparations
- Child Abuse and Neglect
- Civil Disputes
- Court Demeanor and Testifying
- Crime Scene Protection/Search
- Crimes in Progress
- Crowd and Riot Control
- Custody Responsibility
- Dead Body Investigations
- Domestic Violence
- Drivers License Law and Hearings
- Drugs and Narcotics
- DUI Violations, BA Certification
- Emergency Vehicle Operation
- Evidence Collection/Preservation
- Firearms Certification
- Follow-Up Investigation
- Hazardous Waste Operations
- Hostage/Barricaded Subjects
- Interviews and Interrogation
- Intro to State Crime Lab
- Physical Fitness
- Preliminary Investigations
- Radar Certification
- Reasonable Force
- Report Writing and Field Notes
- Scene Management
- Spanish for Law Enforcement
- Traffic Accident Reporting
- Traffic Law
- Transportation of Prisoners
- Vehicle Impound and Storage
- Vehicle Operations Liability
- Vehicle Stop and Approach
- Vehicle Searches
- Victimology

CEIP 0300 BAIL ENFORCEMENT AGENT TRAINING

THE TRAINING

Bail Enforcement Agent Training satisfies Utah's certification requirements for those interested in becoming bail enforcement agents in the state of Utah. For those planning to carry a concealed weapons permit (CWP), an additional component of certification is a 16 hour firearms training course.

COURSE CONTENT

This 16 hour course covers the licensing requirements of the Utah Department of Public Safety.

CEIP 0400 EMERGENCY MEDICAL TECHNICIAN TRAINING

THE TRAINING

The Emergency Medical Technician Training (CEIP 0400) satisfies Utah's certification requirements for those interested in becoming emergency medical technicians. This training also is applicable to those in law enforcement, fire service and private security as well as various other health providers.

Estimated cost of books and supplies for program	\$ 95
State test fees	\$ 115
Cost of training equivalent to ten semester credit hours	

COURSE CONTENT

This 140-contact hour course covers treatment of trauma injuries, shock treatment, bleeding, illness, bandaging, splinting, taking vital signs, anatomy and physiology as well as the new guidelines, including defibrillator.

CEIP 0410 EMT RE-CERTIFICATION TRAINING

THE TRAINING

Re-certification consists of 25 hours of training designed for individuals holding current valid certification as an EMT. It includes 1996 bridging guidelines, including defibrillator.

BOOKS AND SUPPLIES

No books or supplies are required for this program. Students will pay state test fees.

COURSE CONTENT

The required 25 hours may be selected from any part of an ongoing CEIP 0400 course. The intent is to provide students with refresher training in an area that meets students needs.

IN-SERVICE TRAINING

The Institute is an export training site for the Federal Law Enforcement Training Center (FLETC), Glynco, Georgia. The Institute is responsible for providing state and local law enforcement communities of the Rocky Mountain region with quality in-service training opportunities.

The Institute offers in-service training and special workshops for individual agencies and departments. For information about upcoming events, see the Miller Campus website schedule or call (801) 957-3922.

SPECIALIZED RELATED TRAINING

The Institute offers training and special workshops for related public safety training such as private security, firearm safety and concealed weapon permits, and motor-cycle rider education. See the Miller Campus website, schedule, or call (801) 957-3922.

INTERIOR DESIGN

Estimated cost of books and supplies per program	\$420
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Library Square - Continuing Education
General Information (801) 957-3929
Academic Advisor (801) 957-4482
<http://www.slcc.edu/pcd>

THE PROGRAM

The Interior Design program is designed to introduce and prepare the students to the field of Interior Design. Upon successful completion of the program, students will have knowledge and skills in

the following areas: design concepts, design history, space planning, color, drafting, computer-aided design, and textiles as well as sales presentations and techniques. The Salt Lake Community College program combines both classroom and practical work experience through Internship and Special Projects courses.

All courses must be completed with a C or better grade in order to be eligible to achieve certification.

TRANSFER INFORMATION

Although the Interior Design program is designed primarily to provide students with entry level skills to enter the job market, some of the courses may apply toward a bachelor's degree. Credits from this program will apply toward a bachelor's degree in Technical Sales at Weber State University; however, additional General Education courses will be required. Students interested in pursuing professional interior design at Utah State University should obtain advising regarding the requirements and course selection criteria for the bachelor's program.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

CERTIFICATE

MAJOR COURSE REQUIREMENTS (MINIMUM 31 HOURS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
INTD 1010 Intro Inter Des	3	A	none
INTD 1200 Theo/Psych of Color	3	A	none
INTD 1220 Draft for Inter Des	3	F, Sp	none
INTD 1230 Histor Furnishings	3	F	none
INTD 1310 Prof Practice Intr Des	2	Sp	INTD 1010, INTD 1200, INTD 1220, INTD 1340
INTD 1320 Persp and Rendering	2	Sp, Su	INTD 1220
INTD 1330 Contemp Furnishings	3	Sp	none
INTD 1340 Mat and Cmpnents	3	F, Sp	INTD 1010
ARCH 1310 Intro Auto CAD	3	A	INTD 1220, approval
ARTH 2710 Art His:Prehist/Ren	3	F, Sp	none
ARTH 2720 Art His:Ren/Contmp	3	F, Sp	none

ELECTIVES COURSE

COURSE	CR	SEM	PREREQUISITES
INTD 1360 Light & Space Plan	3	F, SP	INTD 1010, INTD 1020
INTD 1400 Quick Sketch	2	F	INTD 1220, INTD 1320
INTD 1800 Special Projects	3	A	INTD 1010, INTD 1200, INTD 1220
INTD 1900 Interior Des Portfolio	2	F, Sp	INTD 1230, INTD 1310, INTD 1320, INTD 1330, INTD 1340
INTD 2000 Inter Des Internship	3	A	Instructor approval
ARCH 2450 Construction Mgmt	5	F, SP	Instructor approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
INTD	1010	3	INTD	1310	2
INTD	1200	3	INTD	1320	2
INTD	1220	3	INTD	1330	3
ARTH	2710	3	INTD	1340	3
TOTAL		12	ARTH	2720	3
			TOTAL		13
SUMMER TERM			2ND FALL SEMESTER		
ARCH	1310	3	INTD	1230	3
TOTAL		3	INTD ELECTIVES		3
			TOTAL		6

LEGAL SECRETARY

Estimated cost of books and supplies for both classes \$65

Redwood Campus, Continuing Education, (801) 957-3141
 General Information (801) 957-4073
 Coordinator (801) 957-3121
 Academic Advisor (801) 957-4482
<http://www.slccedu/4business>

THE PROGRAM

This training assists in the development of a legal secretary whether the individual is currently employed in a law office or preparing for such a career. Emphasis is on professional skills rather than the routine or clerical aspects of the work of a legal secretary. The courses support the promotion of legal secretary as a career. No financial aid is available at this time. Certificates are available for students who complete the courses with a C or better grade. Credit generated by completion of these courses can only be used toward an AA, AS, or AAS or certificate of completion with approval of the division sponsoring the degree or certificate of completion.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the schedule.

PREREQUISITES

Students should have word processing skills prior to taking these classes.

CERTIFICATE

(minimum 4 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
LST 1800	Legal Secretry I	2	F, Sp	none
LST 1810	Legal Secretry II	2	F, Sp	none

LIBRARY TECHNICIAN

Estimated cost of books and supplies per year \$150

Coordinator - (801) 957-5429
 Miller Campus, Continuing Education (801) 957-4429
<http://www.slcc.edu/pcd/librarytech/index.htm>

THE PROGRAM

There are three existing online Library Technician courses, with the possibility of additional courses to be added to meet industry and personal needs. The Library Technician Program is for entry-level library personnel who want/need formal training, or want to improve their skills or opportunities for advancement, or anyone who wants to improve their opportunity of working in an entry-level position in the library system.

Classes are designed to give students an overview and introduction to library services, including library public and information services and technical services. Classes can be taken in any order.

Students completing the courses listed below earn continuing education credit. Credit generated by completion of these courses can only be used toward an AA, AS, AAS or one-year certificate with approval of the division sponsoring the degree or one-year certificate.

No financial aid is available at this time.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. All Library Technician courses are taught via the Internet.

CERTIFICATE

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
LT 1010	Intro to Libr Serv	3	F, SP	none
LT 1200	Pub/Info Services	3	SP	none
LT 1500	Lib Tech Services	3	F	none

PHARMACY TECHNICIAN

Estimated cost of books and supplies \$400

Jordan Campus, Continuing Education, (801) 957-2600
 General Information (801) 957-4073
 Academic Advisor (801) 957-4482 or (801) 957-4407
<http://www.slcc.edu/pcd>

THE PROGRAM

The pharmacy technician certificate prepares students to assist the pharmacist in providing pharmaceutical services and care to patients in hospitals, long-term care facilities, and the community. The pharmacy technician curriculum provides practical and technical pharmaceutical knowledge. The certificate offers basic academic training in terminology, pharmacy, law, and calculations related to prescriptions and dosages. Specific diseases and their drug therapies are studied, as well as a variety of drug distribution systems.

This certificate prepares technicians to assist pharmacists in packaging and distribution of medication to patients, technical operations in drug distribution, including inventory control, drug delivery, and bulk compounding. Use of aseptic technique in the preparation of sterile solution and use of dosage forms are also simulated. Hands-on experience is included in 180 hours of volunteer internship which serves to expand technical classroom training and emphasizes practical application of the skills discussed in class. Internship includes both community and institutional experiences. Total training time is 300 hours, the state requirement for licensing.

LICENSING NOTE: A grade of C or better is required in all Pharmacy classes in order to receive certificate and have affidavit signed for state licensing.

Students completing the courses listed below earn continuing education credit which applies to a certificate. Credit generated by completion of these courses can only be used toward an AA, AS, AAS or certificate of completion with approval of the sponsoring division.

No financial aid is available at this time.

PREREQUISITES

A good math background (MATH 0950, MATH 0920 or CPT score placing students into MATH 0990) is necessary to begin this program due to course content and accelerated pace.

ADMISSION PROCESS

The following admission criteria must be met before the applicant will be accepted into the program.

1. Be admitted to SLCC through the Admissions Office.
2. Submit a Pharmacy Technician Program application form.
3. Submit documentation for the following prerequisites:
 - a. MATH 0950, MATH 0920 or CPT score placing students into MATH 0990.
 - b. Keyboarding skills (typing 30 NWPM).
4. Submit to a criminal background check and drug testing. The expenses of these requirements are additional student costs.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check class schedule for day/evening availability and other modifications to the semester schedule. Students may begin the program in the Fall or the Spring.

CERTIFICATE

(minimum 20 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
MA 1100	Medical Terminology	2	A	none
PHAR 1010	Intro Pharm Prc	2	F,Sp	MATH 0920 or MATH 0950 or placement in MATH 0990
PHAR 1020	Pharmacology I	2	F,Sp	MATH 0920 or MATH 0950 or placement in MATH 0990
PHAR 1030	Comp/Strle Prd	2	Sp,Su	PHAR 1010, PHAR 1020, PHAR 1040
PHAR 1040	Calulations & Law	2	F,Sp	MATH 0920 or MATH 0950 or placement in MATH 0990
PHAR 1050	Pharm Comp	2	Sp,Su	PHAR 1010, typing test 30 WPM
PHAR 1060	Pharmacology II	2	Sp,Su	PHAR 1020
PHAR 1065	Pharm III/Over-Cntr	2	Sp,Su	none
PHAR 1070	Fieldwork Prep	4	Su,F	All PHAR courses

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
MA 1100	2		PHAR 1030	2	
PHAR 1010	2		PHAR 1050	2	
PHAR 1020	2		PHAR 1060	2	
PHAR 1040	2		PHAR 1065	2	
TOTAL	8		MA 1100	2	
			TOTAL	10	
THIRD SEMESTER					
PHAR 1070	4				
TOTAL	4				

REAL ESTATE APPRAISAL

Estimated cost of books and supplies per course \$200

Continuing Education (801) 957-3141
 General Information (801) 957-4073
 Academic Advisor (801) 957-4482
 Coordinator (801) 957-3121
<http://www.slccedu/4business>

THE COURSEWORK

The real estate appraisal course work is designed to prepare students for the state registered appraiser licensing requirement and to qualify students to become a registered Trainee Appraiser in the

state of Utah. Course work covers basic principles and procedures in Real Estate Appraisal and Uniform Standards of Professional Appraisal Practice (USPAP) 15hr workshop. REAP 1650 can be used to gain required continuing education units and can be taken concurrently with REAP 1630. CERE 0510 is for professionals already in the field.

Students must successfully pass REAP 1620, 1630 and CERE 0410 to be eligible to become a registered appraisal trainee.

CERTIFICATE

(minimum 4 credit hours plus USPAP 15 hr workshop required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
CERE 0410	USPAPWrkshp/Exam	0	F, Sp	REAP 1620, REAP 1630
CERE 0510	USPAPWrkshp/Exam	0	F, Sp	Certified Appraiser License
REAP 1620	Basic Appraisal Princ	2	F, Sp	none
REAP 1630	Basic Apprsal Proced	2	F, Sp	REAP 1620
REAP 1650	Gen Appr Mrkt Analy	2	F, Sp	REAP 1620

THERAPEUTIC RECREATION TECHNICIAN

Estimated cost of books and supplies per semester \$25

Miller Campus, Continuing Education (801) 957-5200
 General Information (801) 957-3146
 Academic Advisor (801) 957-4482

Gwen Bellon, (801) 957-3146

THE PROGRAM

This seminar, consisting of 10 nine-hour sessions, is an introduction to the field of therapeutic recreation. The seminar provides a foundation for students pursuing a therapeutic recreation technician (TRT) license. Completion of the course fulfills the instructional training required at the TRT level. Following completion of the seminar, students seeking licensure must also complete a basic first aid course and field work under the supervision of a licensed therapeutic recreation therapist or a master therapeutic recreation therapist. Currently, Salt Lake Community College offers only the instructional program.

The seminar explores various approaches to programming for individual patients who are part of a geriatric, substance abuse, psychiatric, or developmentally disabled population. A strong emphasis is placed on preparation for the Utah State Licensure Examination at the TRT level.

Credit generated by completion of the course can only be used towards an AA, AS, AAS or certificate of completion with approval of the division sponsoring the degree or certificate. All coursework must be completed with a C or better grade. No financial aid is available at this time.

CLASS AVAILABILITY

The semesters in which the course is taught are listed here. Students should check with the class schedule dates and other modifications to the semester class schedule.

Businesses which employ therapeutic recreation technicians receive brochures announcing dates and times for the seminar.

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
HSS 1500	Ther Rec Tech	6	F, Sp	none

WORKSHOPS AND OTHER TRAINING OPPORTUNITIES

Continuing Education offers over 500 workshops or short-term training opportunities each year. Information about these classes is available through brochures and schedules, through the SLCC website <http://www.slcc.edu/mbdc> or by calling 957-3141.

AUTOMOTIVE INDUSTRY AND VEHICLE RELATED TRAINING

Automotive Service Management
Automotive Customer Service
Basic Automotive Fundamentals
Utah Highway Patrol Safety Inspection
Heavy Duty Testing
Light Duty Testing
Motorcycle Testing
Salt Lake County Applied Emissions Technology

CAD APPLICATIONS TRAINING

AutoCAD 2002 Level I	AutoLISP
AutoCAD 2002 Level II	Visual Basic for AutoCAD
AutoCAD 2002 Level III	Mechanical Desktop
Autodesk MAP	3D Studio Max I
Land Development Desktop I	3D Studio Max II
Civil Design (LDD II)	Arcview I
Autodesk VIZ 4	Arcview II
Architectural Desktop	Microstation
Revit	Autodesk Inventor

COMPUTER WORKSHOPS

Access	Intro to Personal Computers
Groupwise	MS Publisher
Internet Overview	Outlook
Dreamweaver	Introduction to HTML
Flash	FrontPage
LINUX	Windows
Microsoft Office Suite	MS Project
Word	PowerPoint
Excel	Quick Books

For further information please call (801) 957-3428.

ENVIRONMENTAL HEALTH AND SAFETY

HAZWOPER (40 hour and 8 hour)
Certified Pool & Spa Operator

MANUFACTURING PROCESSES

ISO 14000
TQM
SPC
Welding
Gauge & Blueprint Reading
Process Simulation
TOC & Other Manufacturing Systems

PUBLIC SAFETY CAREER FOCUSED TRAINING

Peace Officer Basic
Special Functions Reserve Officer
Emergency Medical Technician
Bail Enforcement Agent

PUBLIC SAFETY COMMUNITY INTEREST

Firearms Safety
Motorcycle Safety
Bilingual Drivers Training

For further information regarding workshops and other training opportunities or to get on the e-mail or traditional mail list, contact the Miller Campus at 957-5200. Also, visit the web at <http://www.slcc.edu/mbdc>.

SERVICES

CUSTOMIZED AND CONTRACT TRAINING/ON-SITE TRAINING

Continuing Education can customize training to meet the needs of a company, agency, or association. This includes customizing existing courses and programs or creating a program to meet specific needs. Program delivery methods can include on-site training, traditional classroom, web-based programs, or at a requested locale.

CONTINUING EDUCATION UNITS

Continuing Education can provide Continuing Education Units (CEUs) both for training delivered by SLCC and for training operated by other companies, agencies, and associations. Contact Continuing Education at 957-3141 for further information.

CENTERS

AUTOMOTIVE TRAINING CENTER

The Center is both a state-of-the-art facility and a center devoted to supporting the automotive industry in Utah, the region, nationally, and internationally. In addition to its three on-going degree programs, the Auto Training Center also facilitates regional training for industry, certification testing such as I-CAR, and service and management training. Through its facilities, the center also facilitates satellite and internet training. For information contact us at (801) 957-5200.

INSTITUTE FOR PUBLIC SAFETY

The Institute of Public Safety operates a variety of programs ranging from programs designed for career-oriented certifications to safety programs for the public at large.

Law Enforcement (POST) Certification
Special Functions/Reserve Officer
Peace Officer Basic
Emergency Medical Technician
Bail Enforcement Agent
Motorcycle Safety Training
Bi-Lingual Drivers Education
Firearms Safety
Security

The Institute also works closely with federal, state and local law enforcement and public safety agencies to provide in-service training opportunities.

CREDIT PROGRAMS AND SERVICES

DEGREE PROGRAMS AND CERTIFICATES

The Miller Campus also offers a number of credit programs. They are listed here and described in full detail within the academic and degree program listings:

Auto Technology
Automotive Collision Repair Refinishing
Paraeducation
ROTC

SERVICES

The Miller Campus provides for on-site delivery of credit classes as requested by the community. These range from one-time delivery of a specific course to on-going arrangements involving delivery of a complete degree. Such classes can be offered at any time of day, any day of the week and during any time of the year.

The Miller Campus can also create industry-specific degrees and, based on potential student numbers, company specific degrees. For further information on these services, call (801) 957-5200 and see the web at <http://www.slcc.edu>.

COOPERATIVE EDUCATION

Through the College's Cooperative Education Program, students enrolled in degree-oriented programs can receive credit for on-the-job experience based on study-related work experience in business, industry and government. The CO-OP program is described in detail in the Services to Students Section. For further information, see that section, visit us on the web at <http://www.slcc.edu>, or call us at 957-4014.

OTHER PROGRAMS AND SERVICES

ACT TESTING AND TRAINING

The ACT Center offers an extensive library of computer based courseware. Courses are grouped into the following general categories:

Key Work Skills
Computer Basics
Information Tech
English as a Second Language
Industrial Tech/Safety Skills
Management/Leadership
Personal Development

The vast majority of the courses are available via the SLCC ACT Center web page at <http://www.actcenters.com/SLCCMiller> from any location with the minimum computer requirements. Minimum requirements can be found at that site. Some courses, due to the high streaming video and audio content, are only available at the Miller campus ACT Center.

The ACT Center also offers "high-stakes" testing for various professional fields, including the Association of Social Work Boards exams, Food Protection and Sanitation Examination, Dietitian Registry Examination, Dietetic Technician Registry Examination and the Nuclear Medicine Technologist Certification Examination.

For workforce development, in addition to the courseware noted, the center offers ACT WorkKeys skill assessments and corresponding WorkKeys approved courseware for skill improvement.

Contact the ACT Center at:

PHONE: (801) 957-5215
FAX: (801) 957-5252
E-MAIL: RICKJ.GRAHAM@SLCC.EDU

MICROSOFT OFFICE SPECIALIST TESTING CENTER

The Miller campus hosts the only Microsoft Office Specialist testing center for the College, currently providing testing for Microsoft Office 2000 and Office XP products.

Testing is by scheduled appointment only. Call (801)957-5215 for an appointment.

DIVISION OF BUSINESS AND EMPLOYER OUTREACH/MILLER BUSINESS RESOURCE CENTER

Miller Campus
9750 South 300 West
(801) 957-5579
<http://www.slcc.edu/mbrc>

Karen Gunn, Division Chair
(801) 957-4366
Karen.Gunn@slcc.edu

The Miller Business Resource Center (MBRC) at Salt Lake Community College, provides opportunities for total and ongoing learning experiences for prospective, new, and established businesses. As an academic component of the college, it is housed in the Division of Business and Employer Outreach Educational Services. The MBRC is committed to the critical elements of business success, educational training, mentoring, developing access to capital, and business incubation acceleration. Whether you are just starting up, or you're already an established company, MBRC offers a wide range of services to meet your needs. Five distinct but totally integrated programs provide learning opportunities designed to enhance the success of Utah small business owners and entrepreneurs:

- **SMALL BUSINESS DEVELOPMENT CENTER**
- **MILLER BUSINESS INNOVATION CENTER**
- **CORPORATE TRAINING**
- **MILLER GLOBAL BUSINESS CENTER**
- **EVENTS AND CONFERENCING**

SMALL BUSINESS DEVELOPMENT CENTER FOR START-UP AND EXISTING SMALL BUSINESSES

Director: Randy Schouten, (801) 957-5259
<http://www.slcc.edu/mbrc>

Salt Lake Community College's houses the Salt Lake Region Small Business Development Center to help companies create a viable and sustainable business by offering comprehensive courses and a variety of pro-bono services. Programs at the Center will set your company on the path to profitability:

- Mentoring and Coaching
- Legal and Accounting Services
- Business Advisory Services

- Market Research Assistance
- Business Training and Workshops
- Network of Business and Community Contracts

MILLER BUSINESS INNOVATION CENTER FOR EMERGING SMALL BUSINESSES

Director: Randy Schouten, (801) 957-5259

<http://www.slcc.edu/mbrc>

The Miller Business Innovation Center provides a physical infrastructure which helps emerging businesses grow to sustainability. The MBIC admits companies who have innovative business models, high growth strategies, and the potential for job creation. Admitted companies receive:

- Below market cost for office rental
- IT and Telecommunication services through Salt Lake Community College
- Mentoring and Coaching Program
- No cost legal and accounting services
- Access to funding streams

CORPORATE TRAINING FOR TRAINING IN ESTABLISHED BUSINESSES

Interim Director: Rick J. Graham, (801) 957-5215

<http://www.slcc.edu/mbrc>

Productivity and success of a company expand by keeping employees trained with current knowledge and skills. Salt Lake Community College Corporate Training can design training solutions that meet the specific needs of your company. Corporate Training supports employers who wish to upgrade the skill level of themselves and their employees by creating learning experiences that will help meet the demands of the changing marketplace. Funding assistance is available for qualified employers:

- Customized Training Options
- Employer and Employee Outreach Education
- Need-based Assessment
- Custom Fit and Short-Term Training
- CAD Applications Training
- ACT Training and Testing

MILLER GLOBAL BUSINESS CENTER FOR EXPANDING BUSINESS INTERNATIONALLY

Director: Stan Rees, (801) 957-5556

<http://www.slcc.edu/mbrc>

Salt Lake Community College can put you in touch with the International Business network and help you develop international partnerships and affiliations. The Miller Global Business Center offers a certificate in Global Management that will increase your knowledge to developing global business strategies. The certificate program consists of five courses and includes 30 hours of classroom instruction:

- Educational Program Certificate in Global Management
- Affiliated International Network
- Partnerships in International Affiliations

MILLER CONFERCING AND RENTAL FOR BUSINESSES NEEDING A PLACE TO MEET

Contact: Rochelle Brough (801) 957-5200

<http://www.slcc.edu/mbrc>

The Miller Campus hosts over 1200 meetings per year in its 50 plus meeting spaces. The Miller facilities, all of which are equipped with state-of-the-art presentation and communication technology, are also available for rental by any organization, company or group.

Our tiered Auditorium, located in the Miller Free Enterprise Center (MFEC) features: advanced audio visual touchpad system, including electronic whiteboard, DVD, 20'L x 16'H screen, flexible lighting control, video recording capabilities, and 100 flip top desks and 8 high speed laptop data ports.

The Karen Gail Miller Conference Center (KGMC) features acoustical absorption dividing panels, customizable setup configurations, and high speed, wireless Internet access, a North Hall for vendors or food setups, and adjacent outdoor 30' x 100' patio and Quad. Our highly trained staff will guide you in anticipating your needs and supporting your event.

The Miller Professional Development Center (MPDC) offers a wide variety of classrooms and computer labs featuring high-speed internet connections, white boards, TV VCR. Half-day rate is up to 5 hours rental, and full day rate is up to 9 hours rental. We are open from 7 AM to 10 PM.

- Professional Event Planning Consultation and Assistance
- Professional Training
- Extended Business Hours
- High Speed Wireless Internet
- Conveniently located
- Free Parking

Come by or call us at 957-5200, for a tour of our Conference Center, Auditorium, Computer Labs and Conference Rooms. Our trained staff is eager to help your event be successful.

To receive information regarding the rental of the Miller Campus, call (801) 957-5200 or visit us online at <http://www.slcc.edu/conted>.

For directions on how to get to the Miller Campus visit us at: <http://www.slcc.edu/miller/MAP/index.pdf>.

For specific student learning outcomes and assessments for individual **PROGRAMS**, please go to: <http://www.slcc.edu/curriculum/programs>. Find the degree and program name on the list and click to read about it.

For specific student learning outcomes and assessments for individual **COURSES**, please go to: <http://www.slcc.edu/curriculum/courses>. Find the course prefix and number on the list and click to read about it.

APPRENTICESHIPS^{CTE}

Division of Technical Specialties, Apprenticeship, and Electronics Technology
Construction Trades Building, Room 222 - (801) 957-4066
Director: Joe Mulvey

GENERAL INFORMATION

Apprenticeship programs are composed of two parts: (1) on-the-job training is provided by a sponsor who exposes the apprentice to practical applications in all phases of a particular craft; (2) classroom-related instruction is designed to provide the apprentice with knowledge of theoretical and technical aspects of their craft. Total completion of an apprenticeship program will take up to five years, depending upon the craft.

The College provides classroom-related and supplemental instruction for apprenticeship programs. The College neither provides on-the-job training nor acts as a sponsor for apprentices. Individuals must locate their own sponsors. Classes are held in the days, evenings and Saturdays, depending on the program.

For individual industry-sponsored programs, students should contact their employers' training director or the Apprenticeship Office. For additional information concerning the listed apprenticeship programs please contact the Apprenticeship Office, (801) 957-4066.

The Bureau of Apprenticeship and Training (BAT) is the federal registering agency for all Utah programs.

For National credentials, students and sponsors need to be registered with the Bureau of Apprenticeship and Training, Room 101, 1600 West 2200 South, Salt Lake City, Utah 84119; (801) 975-3650. Sponsors are encouraged to be registered with the Bureau of Apprenticeship and Training. All electricians and plumbers must register with the Utah State Division of Occupational and Professional Licensing, (801) 530-6628 or (801) 530-6436.

Apprenticeship programs may require a math prerequisite. A grade of C or better is required in all core courses for passing and receiving clock hours. Some programs may have stricter requirements. Students should check their individual programs for more information on prerequisites and entrance requirements. Attendance is mandated by federal law and a student cannot pass a course if out of compliance.

Failure to complete the necessary course work or to register in a timely manner for each class will add one full year to the apprentice's program.

FACULTY

Generally, Apprenticeship faculty members are chosen from journeymen who are working in the field with a minimum of six years experience. All instructors are hired as adjunct on a semester-by-semester basis.

ASSOCIATE OF^{CTE} APPLIED SCIENCE DEGREE

Apprentices earn a certificate of achievement upon successful completion of all required core courses. Apprentices also may earn an Associate of Applied Science degree by completing all of the following:

1. All apprenticeship program core course requirements (30-70 credit hours).
2. All General Education requirements for the AAS degree (13-19 credit hours; see page 21 for specific requirements). The quantitative literacy requirement may be satisfied by completion of the required apprenticeship program math course.
3. Additional credit hours, if necessary, to meet the minimum 63 total credit hours required for the AAS degree (0-20 credit hours).

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP AUTO COLLISION REPAIR/PAINT TECHNOLOGY

THE PROGRAM

This is a one and one-half year program requiring three semesters of school and three thousand hours of on-the-job training. Auto Collision Repair Technicians are skilled individuals who repair damaged motor vehicles by straightening bent structures, removing dents, welding torn metal and replacing badly damaged parts. Collision repair technicians are qualified to repair all types of vehicles although most work is on automobiles and small trucks. The work is characterized by variety as each damaged vehicle is unique and presents a different set of problems.

PREPARATION NOTE

Education suggestions for high school subjects include Mathematics, Welding, Mechanical Drafting, Auto Mechanics, Metallurgy, and basic computer skills.

PREREQUISITES

All registering students must be employed by a sponsor in the Apprenticeship Program.

CLASS AVAILABILITY

Classes are to be taken in sequence and are available as determined by the Employer Program Advisory Committee. Apprentices must complete each class with a C or higher grade to move into the next level class. The courses currently follow a sequential order running Fall and Spring Semesters. The 2000 CO-OP class is provided to grant College credit for on-the-job training time. Contact the Apprenticeship Office for information.

SUGGESTED SEQUENCE

FIRST SEMESTER

ACRA 1110	Auto Collision Repair IA	5
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SECOND SEMESTER

ACRA 1120	Auto Collision Repair IB	5
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THIRD SEMESTER

ACRA 1210	Auto Collision Repair IIA	5
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP BOILERMAKER/ WELDER/LAYOUT

The Boilermaker/Welder/Layout curriculum is industry specific and is offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office for class availability.

SUGGESTED SEQUENCE

FIRST SEMESTER

BWL 1110	Boilermaker/Welder/Layout IA
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SECOND SEMESTER

BWL 1120	Boilermaker/Welder/Layout IB
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP BRICK MASON TECHNOLOGY

THE PROGRAM

Brick masons build walls, fireplaces, chimneys, arches, columns and other structures using brick, concrete, cinder block, stone,

marble and other materials; the work is typically outdoors. Brick masons work to specific measurements and rigid specifications. The curriculum is developed by the National JATC and approved by the Federal Bureau of Apprenticeship and Training. Curriculum is articulated statewide.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the brick mason program.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move onto the next level class. Each course will be offered twice a year in both fall and spring semesters.

The following BLA 2000 CO-OP and all General Education courses are given in the following sequence for students seeking an Associate of Applied Science degree. Courses with a BLA abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

BLA	1110	Brick Layer IA	5
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SECOND SEMESTER

BLA	1120	Brick Layer IB	5
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THIRD SEMESTER

BLA	1210	Brick Layer IIA	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

BLA	1220	Brick Layer IIB	5
WTG	1010	Introduction to Writing	3

FIFTH SEMESTER

BLA	2310	Brick Layer IIIA	5
IND	1140	Principles of Technology	3

SIXTH SEMESTER

BLA	2320	Brick Layer IIIB	5
FIN	1050	Personal Finance	3

SEVENTH SEMESTER

_____	_____	General Education Elective Credit	3
_____	_____	Related Elective Credit	4

(Suggested related courses are: Welding, CAD Drafting, Blueprint Reading, Cement Masonry.)

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP BUILDING MAINTENANCE TECHNOLOGY

The Building Maintenance Technology curriculum is industry specific and is offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office for class availability.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP CARPENTRY INDEPENDENT TECHNOLOGY

THE PROGRAM

Carpenters in the Independent program construct, remodel, alter or repair wood in combination with other material structures. Carpenters work with wood products, build concrete forms, platforms, structures and work in conjunction with other trades such as iron workers, brick masons and other craft workers. This program is a competency-based national curriculum requiring that all of the modules and 8,000 hours of on-the-job training be completed to sit for the comprehensive examination for a journeyman's certificate. Registration and certification will also be provided for those registered by the Bureau of Apprenticeship and Training.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing the CPI 1470 math curriculum.

CLASS AVAILABILITY

The classes are to be taken in sequence. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered as determined by the Employer Program Advisory Committee for fall and spring semesters.

The following CPI 2000 CO-OP and General Education courses are given in suggested sequence for students seeking an associate of applied science degree. Courses with a CPI abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

CPI	1110	Carpenter IA	5
CPI	2000	Carpentry CO-OP	2-4

SECOND SEMESTER

CPI	1120	Carpenter IB	5
COMM	1010	Elements of Effective Communication	3

THIRD SEMESTER

CPI	1210	Carpenter IIA	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

CPI	1220	Carpenter IIB	5
ENGL	1010	Introduction to Writing	3

FIFTH SEMESTER

CPI	2310	Carpenter IIIA	5
IND	1140	Principles of Technology	3

SIXTH SEMESTER

CPI	2320	Carpenter IIIB	5
FIN	1050	Personal Finance	3

SEVENTH SEMESTER

CPI	2410	Carpenter IVA	5
_____	_____	General Education Elective Credit	3

EIGHTH SEMESTER

CPI	2420	Carpenter IVB	5
CPI	2000	Carpentry CO-OP	2-4

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP CARPENTRY JATC TECHNOLOGY

THE PROGRAM

Carpenters in the JATC program construct, remodel, alter or repair wood in combination with other material structures. Carpenters work with wood products, build concrete forms, platforms, structures and work in conjunction with other trades such as iron workers, brick masons and other craft workers. This program is a competency-based national curriculum requiring that all of the modules and 8,000 hours of on-the-job training be completed to sit for the National Comprehensive Examination for a journeyman's certificate.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing the CPA 1470 math curriculum provided by the JATC. All students must be approved by the JATC before registering for courses.

CLASS AVAILABILITY

The classes are taken according to the needs of the apprentice. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered twice each year in both the fall and spring semesters.

The following CPA 2000 CO-OP and General Education courses are given in suggested sequence for students seeking an Associate of Applied Science degree. Courses with a CPA abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

CPA	1110	Carpentry--Computer Skills	5
CPA	2000	Carpentry CO-OP	3-6

SECOND SEMESTER

CPA	1120	Carpentry--Concrete Forming	5
COMM	1010	Elements of Effective Communication	3

THIRD SEMESTER

CPA	1210	Carpentry--Wood Framing	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

CPA	1220	Carpentry--Finish, Interior	5
ENGL	1010	Introduction to Writing	3

FIFTH SEMESTER

CPA	2310	Carpentry - Interior Systems	5
IND	1140	Principles of Technology	3

SIXTH SEMESTER

CPA	2320	Carpentry - Welding	5
FIN	1050	Personal Finance	3

SEVENTH SEMESTER

CPA	2410	Carpentry - Blueprint Reading	5
—	—	General Education Elective Credit	3

EIGHTH SEMESTER

CPA	2420	Carpentry Completion	5
CPA	2000	Carpentry CO-OP	3-6

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP APPRENTICESHIP CEMENT MASON JATC TECHNOLOGY

The Cement Mason JATC Technology curriculum is industry specific and is offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office for class availability.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP CULINARY ARTS

Assistant Professors: Ricco Renzetti, Leslie Seiferle

PROGRAM

The full-time CHEF program requires five semesters (two and one-half years) to complete the curriculum as outlined and approved by the American Culinary Federation. These courses also fulfill requirements for the National Restaurant Association Certificates. In addition to two years of related instruction, there is an on-the-job requirement of 2,000 hours. This work must be performed in a preapproved establishment with more than 50% of the food being prepared from scratch. The part-time CHFA program is a three-year fully accredited program with the American Culinary Federation and the Federal Bureau of Apprenticeship and Training Standards. This program requires 6,000 hours of on the job training, and completion of all CHFA courses as listed.

PREPARATION NOTES

Educational suggestions for high school subjects include mathematics, business math, marketing, and art design including three dimensional.

PREREQUISITES

Entering students must prove competence for MATH 0950 by scoring 75 in arithmetic and 35 in algebra on the mathematics CPT exam, or complete MATH 0920 or MATH 0950 or higher with a grade of C or better, or ACT math score of 15-17. Developmental math can be enrolled concurrently with first semester classes. Students also must prove competence for RDG 0990 by scoring 55-70 on the reading comprehension CPT or completing RDG 0900 with a grade of C or better and place into ENGL 1010 by completing WRTG 0990 with a C or better.

FULL-TIME STUDENT SAMPLE SCHEDULE

FIRST SEMESTER

CHEF	1110	Sanitation	3
CHEF	1120	Introduction to Food Service	3
CHEF	1130	Management of Marketing	3
LE	1220	Human Relations for Career Development	3
—	—	General Education Elective Credit	3

SECOND SEMESTER

CHEF	1210	Food and Beverage Service	3
CHEF	1250	Food Preparation	6
CHEF	1350	Food Preparation Lab	6

THIRD SEMESTER (SUMMER TERM)

CHEF	1600	Herb Horticulture	1
CHEF	2410	Purchasing	3
CHEF	2420	Baking	3
CHEF	2460	Baking Lab	3
ENGL	1010	Introduction to Writing	3

FOURTH SEMESTER

CHEF	1320	Business Math	3
CHEF	2510	Continental Cuisine	3
CHEF	2520	Nutrition	3
CHEF	2560	Continental Cuisine Lab	3
CHEF	2680	Catering Management (optional)	3

FIFTH SEMESTER

CHEF 2610	Menu Design	3
CHEF 2620	Supervision and Training	3
CHEF 2680	Catering Management (optional)	3
COMM 1010	Elements of Effective Communication	3
— — —	General Education Elective Credit	1-3

ELECTIVES

CHEF 1299	Special Studies	2-5
CHEF 1330	Foundation Wine	3

PART-TIME STUDENT SAMPLE SCHEDULE

FIRST SEMESTER

CHFA 1110	Sanitation	3
CHFA 1120	Introduction to Food Service	3
CHFA 1130	Management of Marketing	3
LE 1220	Human Relations for Career Development	3

SECOND SEMESTER

CHFA 1210	Food and Beverage Service	3
CHFA 1220	Beginning Food Preparation	3
CHFA 2000	CO-OP	4

THIRD SEMESTER

CHFA 1310	Advanced Food Preparation	3
CHFA 1320	Business Math	3
CHFA 2000	CO-OP	4
ENGL 1010	Introduction to Writing	3

FOURTH SEMESTER

CHFA 2000	CO-OP	4
CHFA 2410	Purchasing	3
CHFA 2420	Baking	3
COMM 1010	Elements of Effective Communication	3

FIFTH SEMESTER

CHFA 2000	CO-OP	4
CHFA 2510	Continental Cuisine	3
CHFA 2680	Catering Management (optional)	3
— — —	General Education Elective Credit	3

SIXTH SEMESTER

CHEF 1600	Herb Horticulture	1
CHFA 2520	Nutrition	3
CHFA 2610	Menu Design	3
CHFA 2620	Supervision and Training	3
CHFA 2680	Catering Management (optional)	3

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP APPRENTICESHIP DIESEL SYSTEMS TECHNOLOGY

(formerly Heavy Duty Mechanics)

The Heavy-Duty/Diesel Systems Repair program is industry specific with classes being offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office.

THE PROGRAM

The DSTA program is designed for training Mechanics in both installation and service work. Apprentices in the DSTA program have the opportunity to learn techniques required to install new equipment as well as skills and knowledge to repair and troubleshoot existing equipment. The program is designed with related theory and hands-on application for maximum benefit for the student. This is a four-year program requiring 8,000 hours of on-the-job-training as well as 576 minimum hours of related instruction. Most sponsors of this program are also registering with the Bureau of Apprenticeship and Training for certification.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 1010 by scoring a minimum of 54 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or must enroll in APPR 1470 math course prior to enrollment in DSTA core courses.

CLASS AVAILABILITY

The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even numbered courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each class with a C or higher grade to move on to the next level. A trimester for the first year curriculum will only be offered with sufficient demand to those students requiring a math prerequisite course.

SUGGESTED SEQUENCE

FIRST SEMESTER

DSTA 1100	Safety and Basic Engines	2
DSTA 1111	Safety and Basic Engines Lab	4
LE 1220	Human Relations for Career Development	3

SECOND SEMESTER

DSTA 1120	Preventive Maintenance	2
DSTA 1121	Preventive Maintenance Lab	4
COMM 1010	Elements of Effective Communication	2

THIRD SEMESTER

DSTA 1130	Heavy-Duty Drivetrains	2
DSTA 1131	Heavy-Duty Drivetrains Lab	4
FIN 1050	Personal Finance	3

FOURTH SEMESTER

DSTA 1200	Advanced Engine & Electronics	2
DSTA 1211	Advanced Engine & Electronics Lab	4
DSTA 2000	Heavy-Duty CO-OP	2-4

FIFTH SEMESTER

DSTA 1220	Heavy-Duty Hydraulics	2
DSTA 1221	Heavy-Duty Hydraulics Lab	4
DSTA 2000	Heavy-Duty CO-OP	2-4

SIXTH SEMESTER

DSTA 1230	Heavy-Duty Electrical	2
DSTA 1231	Heavy-Duty Electrical Lab	4
DSTA 2000	Heavy-Duty CO-OP	2-4

SEVENTH SEMESTER

DSTA 2000	Heavy-Duty CO-OP	2-4
ENGL 1010	Introduction to Writing	3
IND 1120	Math for Industry	3

EIGHTH SEMESTER

DSTA 2000	Heavy-Duty CO-OP	2-4
MSI 1110	Related Machine Shop	3
WLDA 1005	Related Welding	3

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP APPRENTICESHIP ELECTRICAL INDEPENDENT TECHNOLOGY

THE PROGRAM

Electricians are compulsory licensed craftsmen who plan, lay out and install, alter or repair electrical wiring, fixtures, apparatus and controls. To sit for the journeyman exam, an apprentice must complete 576 minimum hours of related instruction and four years

and 8,000 hours of on-the-job training (OJT). Application with the State of Utah Department of Occupational and Professional Licensing must be made upon commencement of employment. It is strongly encouraged that students be registered with the Bureau of Apprenticeship and Training, which is optional at the discretion of the employer. This curriculum has been articulated statewide.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blue-print reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 1010 by scoring 54 or higher on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or equivalent, or complete ELI 1470 (Math for the Trades) with a grade of C or higher.

CLASS AVAILABILITY

The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even number courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each course with a C or higher and pass a competency test to move onto the next level class.

The following ELI 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having an ELI abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

ELI 1110	Electricity I	5
ELI 2000	Electrical CO-OP	3-6

SECOND SEMESTER

COMM 1010	Elements of Effective Communication	3
ELI 1120	Electricity I	5

THIRD SEMESTER

ELI 1210	Electricity II	5
LE 1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

ELI 1220	Electricity II	5
ENGL 1010	Introduction to Writing	3

FIFTH SEMESTER

ELI 2310	Electricity III	5
IND 1140	Principles of Technology	3

SIXTH SEMESTER

ELI 2320	Electricity III	5
FIN 1050	Personal Finance	3

SEVENTH SEMESTER

ELI 2410	Electricity IV	5
ELI 2000	Electrical CO-OP	3-6

EIGHTH SEMESTER

ELI 2420	Electricity IV	5
—	General Education Elective Credit	4

ELECTIVES

ELI 2990	Electrical Special Studies	5
ELI 2991	Electrical Special Studies II	5

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP ELECTRONICS AND COMPUTER TECHNOLOGY

Professor: Stanley Lawrence

Associate Professor: Kathy Himle

THE PROGRAM

The program is designed to meet individual industry needs through course offerings. Industries desirous of having an Electronics and Computer Technology Program should meet to create and design the courses and sequence desired. It is strongly encouraged that students be registered with the Bureau of Apprenticeship and Training, which is optional at the discretion of the employer.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a degree. Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, blueprint reading, and mechanical drawing. A high school curriculum heavily weighted in mathematics, science and communication skills is highly recommended. Placement testing will be done upon entry to the College unless students have had prior college-level experience. Those wishing to enter this program must score above accepted minimums on the test.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the course may be taken.

CLASS AVAILABILITY

Availability of classes is dependent upon the desired outcome of the industry creating the sequencing and actual core courses required. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each course with a C or higher and pass a competency test to move on to the next level class.

The semesters in which courses are taught are listed below. Students should check the class schedule for day/evening availability and modifications caused by varying enrollments.

ELECTRONICS AND COMPUTER^{CTE} TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE DEGREE

(Minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

CORE SKILLS COMPOSITION

ENGL 1010	Introduction to Writing	3
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QUANTITATIVE LITERACY

ELTA 1050	Electronics Math	3
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COMMUNICATION

COMM 1010	Elements of Effective Communication	3
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HUMAN RELATIONS

LE 1220	Human Relations - Career Development	3
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DISTRIBUTION AREAS

Complete the following distribution (PS) course:

PHYS 1010	Elementary Physics	3
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MAJOR COURSE REQUIREMENTS

ELTA	1080	Electronic Assembly Skills	2
ELTA	1010	DC/AC Basic Electronics	6
ELTA	2010	Advanced Circuit Analysis	2
ELTA	1030	Active Devices	6
ELTA	2900	Special Topics	4
ELTA	1130	Digital Fundamentals	4
ELTA	2140	Advanced Digital Circuits	6
ELTA	1100	Linear Circuits Basics	4
ELTA	2100	Advanced Linear Circuits	6

SELECT ONE OF THE FOLLOWING SEQUENCES:

SEQUENCE ONE

ELTA	2020	Technician Certification	2
ELTA	2150	Communication Systems	4
ELTA	2480	F.C.C. License Preparation	4

SEQUENCE TWO

ELTA	2300	Microprocessors	4
ELTA	2350	Microprocessor Applications	6

SEQUENCE THREE

ELTA	2000	Electronics CO-OP	1-8
ELTA	2020	Technician Certification	2

ELECTIVES

ELTA	1040	Technical Basic	2
ELTA	2000	Electronics/Computer Technology CO-OP	1-8

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP FACILITIES MAINTENANCE TECHNICIAN

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP FIELD MACHINIST TECHNOLOGY

The program is designed to meet individual industry needs through course offerings. Please contact the Apprenticeship Office for courses in this area.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP HEATING, COOLING, AND REFRIGERATION TECHNOLOGY (HVAC)

THE PROGRAM

The HVAC program is designed for training in both installation and service work. Apprentices in the HVAC program have the opportunity to learn techniques required to install new equipment as well as skills and knowledge to repair and troubleshoot existing equipment. The program is designed with related theory and hands-on application for maximum benefit for the student. This is a four-year program requiring 8,000 hours of on-the-job-training as well as 576 minimum hours of related instruction. Most sponsors of this program are also registering with the Bureau of Apprenticeship and Training for certification.

Certifications that students will be eligible to test for upon completion of the program include: Red Cross CPR and First Aid Certified, Environmental Protection Agency (EPA), Rocky Mountain Gas Association (RMGA), Corrugated Stainless Steel Tubing (CSST), Hydronics, and ICE. Students will be eligible to sit for North American Technical Excellence (NATE) and other national HVAC certification exams.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 1010 by scoring a minimum of 54 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or must enroll in HVAC 1470 math course prior to enrollment in HVAC core courses.

CLASS AVAILABILITY

The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even numbered courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each class with a C or higher grade to move on to the next level. A trimester for the first year curriculum will only be offered with sufficient demand to those students requiring a math prerequisite course.

The following 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses with an HVAC abbreviation except the CO-OP courses must be taken to complete the apprenticeship core curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

HVAC	1110	HVAC IA	5
HVAC	2000	Heat, Vent Air Specialties	5

SECOND SEMESTER

COMM	1010	Elements of Effective Communication	3
HVAC	1120	HVAC IB	5

THIRD SEMESTER

HVAC	1210	HVAC IIA	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

ENGL	1010	Introduction to Writing	3
HVAC	1220	HVAC IIB	5

FIFTH SEMESTER

HVAC	2310	HVAC IIIA	5
IND	1400	Principles of Technology	3

SIXTH SEMESTER

FIN	1050	Personal Finance	3
HVAC	2320	HVAC IIIB	5

SEVENTH SEMESTER

HVAC	2410	HVAC IVA	5
HVAC	2000	Heat, Vent Air Specialties	5

EIGHTH SEMESTER

HVAC	2420	HVAC IVB	5
—	—	General Education Elective Credit	3

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP HOSPITALITY MANAGEMENT

The program is designed to meet individual industry needs through course offerings. Please contact the Apprenticeship Office for courses in this area.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP INSTRUMENTATION TECHNOLOGY

PROGRAM

The Instrumentation Technology program trains apprentices in installing, maintaining, repairing, calibrating and troubleshooting instrumentation and control systems in such industries as petroleum refining, food processing, chemical manufacturing, power generation, and many others.

Students receive adequate training to sit for the ISA Certified Control System Technician (CCST). The CCST program promotes three levels (I, II, and III) of the professional development of the control systems technician, providing recognition and documentation of the technician's knowledge, experience, and education in measurement and control.

PREPARATION NOTE

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, blueprint reading, and mechanical drawing.

PREREQUISITES

A journeyman electrician can waive the ELI courses. Incoming students with no previous education are required to complete the courses in the sequence given. All entering students must demonstrate competence for placement into MATH 1010 by scoring 54 or higher on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or equivalent, or complete ELI 1470 (Math for the Trades) with a grade of C or higher.

CLASS AVAILABILITY

The classes listed are sequential and are to be taken in order. The courses may only be offered once each year so please check the class schedule for availability. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each course with a C or higher and pass a competency test to move onto the next level class.

SUGGESTED SEQUENCE

FIRST SEMESTER

ELI	1110	Electricity IA	5
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SECOND SEMESTER

ELI	1120	Electricity IB	5
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THIRD SEMESTER

INST	2020	Applied Math II for Elect/Instrum	2
INST	2010	Applied Physics for Elect/Instrum	4

FOURTH SEMESTER

INST	2150	Industr Electronics	3
INST	2140	Programmable Logic Controllers I	3

FIFTH SEMESTER

INST	2210	Pres/Level Measurem	4
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SIXTH SEMESTER

INST	2280	Temp/Flow Measurem	4
INST	2240	Final Contr Elements	2

SEVENTH SEMESTER

INST	2230	Transm/Autom Cntrl	4
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EIGHTH SEMESTER

INST	2250	Analyt. Instrumnt/Troubleshoot	3
INST	2330	Programmable Logic Controllers II	4

NINTH SEMESTER

INST	2320	Distributed Control Systems	4
INST	2410	CCST Prep, Level I, II, III	3

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP IRONWORKERS JATC TECHNOLOGY

THE PROGRAM

Ironworkers erect structural steel, work with ornamental iron, reinforcing steel, rigging and machinery moving. Work is very physical, strenuous and precise. The JATC Ironworker is registered with the Bureau of Apprenticeship and Training for additional registration and certification. The program is directed by the National Ironworker JATC and approved by the local sponsors.

PREPARATION NOTE

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

PREREQUISITES

All incoming apprentices must gain approval from the local JATC before registering for classes.

CLASS AVAILABILITY

The classes are held fall and spring semesters and more often when requested by the JATC. Check with the ironworker training director for class availability.

The following ISA 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. Courses having an ISA abbreviation, except the CO-OP courses, must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

ISA	1110	Ironworker IA	5
—	—	Related Elective Credit	4

SECOND SEMESTER

COMM	1010	Elements of Effective Communication	3
ISA	1120	Ironworker IB	5

THIRD SEMESTER

ISA	1210	Ironworker IIA	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

ENGL	1010	Introduction to Writing	3
ISA	1220	Ironworker IIB	5

FIFTH SEMESTER

IND	1140	Principles of Technology	3
ISA	2310	Ironworker IIIA	5

SIXTH SEMESTER

FIN	1050	Personal Finance	3
ISA	2320	Ironworker IIIB	5

SEVENTH SEMESTER

—	—	General Education Elective Credit	3
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP LANDSCAPE TECHNOLOGY

THE PROGRAM

The Landscape Technology program provides four years of related and supplemental training for apprentices. The courses offered cover a wide variety of materials and curriculums to meet the day-

to-day needs of a journeyman. This includes plumbing and pipefitting, basic electrical and low voltage, plant selection and watering, and a knowledge of pesticides and control methods.

PREPARATION NOTE

Prospective apprentices are encouraged to complete courses in basic mathematics, geometry, algebra, basic blueprint reading, drafting, and botany courses.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the Landscape program.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move into the next level class.

SUGGESTED SEQUENCE

FIRST SEMESTER

LAND 1110 Plumbing/Pipefitting Applica. 5

SECOND SEMESTER

LAND 1120 Landscp Water Conserv./Elect. 5

THIRD SEMESTER

LAND 1210 Small Engine Repair/Mntenance 5

FOURTH SEMESTER

LAND 1220 Pest Mngmt/Sustnbl. Landscapes 5

FIFTH SEMESTER

LAND 2310 Fund./Soil Sci. & Hort. Sci. 5

SIXTH SEMESTER

LAND 2320 Woody Plant Mat/Turfgrass Mgt. 5

SEVENTH SEMESTER

LAND 2410 Arbor Culture 5

LAND 2420 Annual/Perennial Plant Maintenance 5

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP MACHINIST

THE PROGRAM

The machinist program is a four-year apprenticeship program which apprentices receive related instruction in the art of producing and manufacturing precision products. Knowledge of metallurgy and ability to perform precision work is essential to this trade. Training is available on standard and highly technical computerized equipment.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, machine shop, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing APPR 1470 (Math for the Trades) with a grade of C or better before registering for the machinist program.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are listed. A student must complete each class with a C or higher grade to move into the next level class. Each course will be offered twice a year in both fall and spring semesters. The following 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having an MSI abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

MSI 1110 Machinist IA 5
MSI 2000 Machinist CO-OP 2-4

SECOND SEMESTER

COMM 1010 Elements of Effective Communication 3
MSI 1120 Machinist IB 5

THIRD SEMESTER

LE 1300 Human Relations and Self-Esteem 2
MSI 1210 Machinist IIA 5

FOURTH SEMESTER

ENGL 1010 Introduction to Writing 3
MSI 1220 Machinist IIB 5

FIFTH SEMESTER

MSI 2000 Machinist CO-OP 2-4
MSI 2310 Machinist IIIA 5

SIXTH SEMESTER

FIN 1050 Personal Finance 3
MSI 2320 Machinist IIIB 5

SEVENTH SEMESTER

MSI 2000 Machinist CO-OP 2-4
MSI 2410 Machinist IVA 5

EIGHTH SEMESTER

MSI 2420 Machinist IVB 5
_____ General Education Elective Credit 3

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP MILLWRIGHTS JATC TECHNOLOGY

THE PROGRAM

Millwrights fabricate, lay out, assemble and maintain many different types of machinery including monorails, conveyers, turbine generators, pumps, fans and blowers and reactors. They use blueprints, lay out precision instruments, hand tools, shaft levels, micrometer and dial indicators. This program is a competency-based national curriculum requiring that all of the modules and 8,000 hours of on-the-job training be completed.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950, or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the millwrights program.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. Students must complete each class with a C or higher grade to move on to the next level. Each course will be offered twice each year in fall and spring semesters.

The following MIL 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having a MIL abbreviation, except the CO-OP courses, must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE**FIRST SEMESTER**

MIL	1110	Millwright IA	5
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SECOND SEMESTER

COMM	1010	Elements of Effective Communication	3
MIL	1120	Millwright IB	5

THIRD SEMESTER

LE	1300	Human Relations and Self-Esteem	2
MIL	1210	Millwright IIA	5

FOURTH SEMESTER

ENGL	1010	Introduction to Writing	3
MIL	1220	Millwright IIB	5

FIFTH SEMESTER

IND	1140	Principles of Technology	3
MIL	2310	Millwright IIIA	5

SIXTH SEMESTER

FIN	1050	Personal Finance	3
MIL	2320	Millwright IIIB	5

SEVENTH SEMESTER

MIL	2410	Millwright IVA	5
—	—	General Education Elective Credit	3

EIGHTH SEMESTER

MIL	2420	Millwright IVB	5
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP OPERATING ENGINEERS TECHNOLOGY

THE PROGRAM

Training is provided on all heavy equipment for operators to safely handle and manipulate. This includes scrapers, dozers, rollers, compactors, etc. and all types of cranes including hand signals and safety. This program is a competency-based national curriculum requiring that all of the modules and 6,000 hours of on-the-job training be completed.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950, or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the millwrights program.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. Students must complete each class with a C or higher grade to move on to the next level. Each course will be offered twice each year in fall and spring semesters.

SUGGESTED SEQUENCE**FIRST SEMESTER**

HDEO	1110	Heavy Duty Equipment Operator IA	5
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SECOND SEMESTER

HDEO	1120	Heavy Duty Equipment Operator IB	5
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THIRD SEMESTER

HDEO	1210	Heavy Duty Equipment Operator IIA	5
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FOURTH SEMESTER

HDEO	1220	Heavy Duty Equipment Operator IIB	5
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FIFTH SEMESTER

HDEO	2310	Heavy Duty Equipment Operator IIIA	5
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SIXTH SEMESTER

HDEO	2320	Heavy Duty Equipment Operator IIIB	5
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP PLUMBER/PIPEFITTER INDEPENDENT TECHNOLOGY

THE PROGRAM

Plumber/Pipefitters construct, fabricate, remodel and repair all classes of piping systems. This program is registered with the Bureau of Apprenticeship and Training and Apprentice Registration is strongly encouraged. This short program is designed for Industry specific maintenance training where required and is part of an overall, comprehensive Apprentice Program.

PREPARATION NOTE

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing PLI 1470 (Math for the Trades) with a grade of C or higher before you register for the Plumber/Pipefitter program.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are given. A student must complete a course with a C grade or higher to move on into the next level class. The courses are offered on an as need basis. Please contact the Apprenticeship office for course offerings.

SUGGESTED SEQUENCE**FIRST SEMESTER**

PFI	1110	Pipefitter Independent IA	5
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SECOND SEMESTER

PFI	1120	Pipefitter Independent IB	5
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP PLUMBER/PIPEFITTER JATC TECHNOLOGY

THE PROGRAM

Plumber/Pipefitters fabricate, remodel and repair all classes of piping systems. This program is registered with the Bureau of Apprenticeship and Training, and Apprentice registration is strongly encouraged. The national JATC curriculum has been adopted by the local sponsors and adherence to this and all other registering and licensing bodies must be strictly followed. An apprentice must have the approval of the JATC before registering for classes.

PREPARATION NOTE

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All incoming apprentices must make application with and be approved by the JATC prior to registration for class.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are given. A student must complete a course with a C grade or higher to move on into the next level class. Each course will be offered once per year in both fall and spring semesters.

The Plumber/Pipefitter JATC program requires the completion of an Associate of Applied Science degree to complete the apprenticeship program. The JATC will set up the required General Education course offerings.

COURSE LISTING

PFA	1110	Trade Related Math	2
PFA	1111	Soldering and Brazing	2
PFA	1140	Principles of Technology	2
PFA	1150	Job Safety and Heritage	2
PFA	1160	Use and Care, Pipe Fittings	2
PFA	1210	Gas Installations	2
PFA	1211	Hydronic Heating & Cooling Systems	2
PFA	1250	Basic Electricity	2
PFA	1260	Drafting and Plan Reading	2
PFA	2151	Welding I	2
PFA	2152	Welding II	2
PFA	2153	Welding III	2
PFA	2154	Welding IV	2
PFA	2155	Welding V	2
PFA	2156	Welding VI	2
PFA	2157	Welding VII	2
PFA	2158	Welding VIII	2
PFA	2159	Welding IX	2
PFA	2160	Welding X	2
PFA	2161	Pipe Bending	2
PFA	2311	Pumps and Steam Systems	2
PFA	2331	Brazing and Compressor Overhaul	2
PFA	2350	Drainage	2
PFA	2360	Water Supply	2
PFA	2441	Advanced Plan Reading	2
PFA	2450	Builders Level and Special Inst.	2
PFA	2460	Hydronics Systems	2
PFA	2470	Plumbing Fixtures and Appliances	2
PFA	2560	International Plumbing Code	2
PFA	2570	Test Prep-Code	2
PFA	2571	Test Prep-Math	2
PFA	2572	Test Prep-Shop	2
PFA	2520	Plumber/ Pipefitter V	7

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP PLUMBING INDEPENDENT TECHNOLOGY

THE PROGRAM

A plumber is a compulsory licensed craftsman who performs any mechanical work in the installation, maintenance, repair, removal and replacement of water supply and water/liquid waste removal. Plumbers do both interior and exterior work in greatly varying job conditions. To sit for the journeyman exam, an apprentice must complete 576 minimum hours of related instruction and four years and 8,000 hours of on-the-job training. Application with the State of Utah Department of Occupational and Professional Licensing must be made upon commencement of employment. Suggested registration with the Bureau of Apprenticeship and Training is strongly encouraged, but is optional at the discretion of the employer. If apprentices are not able to pass the journeyman exam after two attempts, the apprentice is required to return to school for additional course work. This curriculum is articulated statewide through all instructional institutions.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 35 on the algebra portion of the mathematics College Placement Test, provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing PLI 1470 (Math for the Trades) with a grade of C or higher before you register for the Plumber program.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are given. A student must complete each class and a comprehensive competency exam with a C or higher grade to move on to the next level class. Each course will be offered once per year with odd number courses in the fall semester and even numbered courses in the spring semester. Those requiring a math class prior to entering the program should check the schedule to see if an offset class will be offered for first year students only. Failure to complete the necessary course work or to register in a timely manner for each class will add one full year to the apprentice's program.

The following PLI 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses with a PLI abbreviation with the above exception must be taken to complete the apprenticeship portion of the curriculum.

SUGGESTED SEQUENCE

FIRST SEMESTER

PLI	1110	Plumbing IA	5
PLI	2000	Plumbing CO-OP	3-5

SECOND SEMESTER

COMM	1010	Elements of Effective Communication	3
PLI	1120	Plumbing IB	5

THIRD SEMESTER

LE	1300	Human Relations and Self-Esteem	2
PLI	1210	Plumbing IIA	5

FOURTH SEMESTER

ENGL	1010	Introduction to Writing	3
PLI	1220	Plumbing IIB	5

FIFTH SEMESTER

IND	1140	Principles of Technology	3
PLI	2310	Plumbing IIIA	5

SIXTH SEMESTER

FIN	1050	Personal Finance	3
PLI	2320	Plumbing IIIB	5

SEVENTH SEMESTER

PLI	2000	Plumbing CO-OP	3-5
PLI	2410	Plumbing IVA	5

EIGHTH SEMESTER

PLI	2420	Plumbing IVB	5
—	—	General Education Elective Credit	3

ELECTIVES

PLI	2990	Plumbing Special Projects	5
PLI	2991	Plumbing Special Projects II	5

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP REFRIGERATION JATC TECHNOLOGY

THE PROGRAM

Refrigeration fitters through the JATC Committee program do contract and custom installation, maintenance and services and repair of refrigeration and refrigerated and/or air conditioning units and systems. Work may include new construction and remodeling and repair of existing building units. A journeyman may specialize in either installation or as a service technician. The position requires extreme precision, good manual and finger dexterity, independent judgment, and considerable strength and agility. This program is registered with the Bureau of Apprenticeship and Training. The national JATC curriculum has been adopted by the local sponsors and adherence to this and all other registering and licensing bodies must be strictly followed. An apprentice must have the approval of the JATC before registering for classes.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All incoming apprentices must apply with and be approved by the JATC prior to registration for class.

CLASS AVAILABILITY

The classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered once each year in the fall and spring semesters.

The Refrigeration JATC program requires the completion of an Associate of Applied Science degree to complete the apprenticeship program. The JATC will set up the require General Education course offerings.

COURSE LISTING

RFA	2300	Electrical Controls	2
RFA	2310	Steam Systems	2
RFA	2350	Refrigeration I	2
RFA	2400	Air Conditioning I	2
RFA	2410	Troubleshooting	2
RFA	2450	Chillers	2
RFA	2540	Start, Test and Balance II	2
RFA	2500	Shop Projects	2

RFA	2510	Evaporators, Compressors, Condensers	2
RFA	2520	Refrigerant Controls	2
RFA	2530	Start, Test and Balance I	2
RFA	2560	Instrumentation, Process Cntrl	2
RFA	2570	Pneumatic Controls	2
RFA	2580	Air Conditioning II	2
RFA	2590	Refrigeration II	2
RFA	2600	Advanced Electricity & Electronics	2
RFA	2610	Test Prep-Refrigeration	2

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP STAGEHAND JATC TECHNOLOGY

THE PROGRAM

The stagehand program trains apprentices in the art of constructing, setting up and moving of props and stage accessories. The work also includes all sound systems, lighting systems and overall facilities for any stage or movie production. This is a three-year program requiring 6,000 hours of on-the-job training and a minimum of 432 hours of related and supplemental instruction. The program follows a national curriculum which has been approved and registered with the Bureau of Apprenticeship and Training and adopted by local sponsors.

PREPARATION NOTE

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

PREREQUISITES

There are no prerequisites to enter into this program other than approval by the JATC.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. Students must complete each class with a C or higher grade to move onto the next level class.

The following SHA 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having a SHA abbreviation except CO-OP courses must be taken to complete the apprenticeship core curriculum.

SUGGESTED SEQUENCE**FIRST SEMESTER**

SHA	1110	Stagehand IA	5
SHA	2000	Stagehand CO-OP	2-4
—	—	Related Elective Credits	4

SECOND SEMESTER

COMM	1010	Elements of Effective Communication	3
SHA	1120	Stagehand IB	5

THIRD SEMESTER

LE	1300	Human Relations and Self-Esteem	2
SHA	1210	Stagehand IIA	5
SHA	2000	Stagehand CO-OP	2-4

FOURTH SEMESTER

ENGL	1010	Introduction to Writing	3
SHA	1220	Stagehand IIB	5
SHA	2000	Stagehand CO-OP	2-4

FIFTH SEMESTER

IND	1140	Principles of Technology	3
SHA	2310	Stagehand IIIA	5

SIXTH SEMESTER

FIN	1050	Personal Finance	3
SHA	2000	Stagehand CO-OP	2
SHA	2320	Stagehand IIIB	5

SEVENTH SEMESTER

_____	_____	General Education Elective Credit	3
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(Suggested related courses are: welding, CAD drafting, blueprint reading, electricity, and electronics.)

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP TELECOMMUNICATIONS TECHNOLOGY

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, blueprint reading, and mechanical drawing.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. Students must complete each class with a C or higher grade to move on to the next level. An Associate of Applied Science Degree is available; please check the catalog for required courses.

SUGGESTED SEQUENCE

FIRST SEMESTER

TELA	1110	Telecommunications IA	5
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SECOND SEMESTER

TELA	1120	Telecommunications IB	5
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THIRD SEMESTER

TELA	1210	Telecommunications IIA	5
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FOURTH SEMESTER

TELA	1220	Telecommunications IIB	5
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FIFTH SEMESTER

TELA	2310	Telecommunications IIIA	5
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SIXTH SEMESTER

TELA	2320	Telecommunications IIIB	5
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ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/ APPRENTICESHIP WELDING TECHNOLOGY

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading and mechanical drawing.

CLASS AVAILABILITY

Classes are to be taken in the sequence in which they are given. Students must complete each class with a "C" or higher grade to move on to the next level.

SUGGESTED SEQUENCE

FIRST SEMESTER

APPR	1470	Math for Trades	5
LE	1220	Human Relations for Career Development	3
WLDA	1005	Related Welding	3

SECOND SEMESTER

WLDA	1110	Fundamentals of Welding	4
WLDA	1111	Fundamentals of Welding Lab	2
WLDA	2000	Welding CO-OP	2-4

THIRD SEMESTER

WLDA	1120	Welding Processes and Quality	4
WLDA	1121	Welding Processes and Quality Lab	2
WLDA	2000	Welding CO-OP	2-4

FOURTH SEMESTER

IND	1148	Math for Welders	3
WLDA	1260	Blueprint for Welding	3
WLDA	2000	Welding CO-OP	2-4

FIFTH SEMESTER

WLDA	1230	Gas Shield Welding/Inspection Gas	4
WLDA	1231	Gas Shield Welding/Inspection Lab	2
WLDA	2000	Welding CO-OP	2-4

SIXTH SEMESTER

IND	1140	Principles of Technology	3
COMM	1010	Elements of Effective Communication	3
WLDA	2000	Welding CO-OP	2-4

SEVENTH SEMESTER

WLDA	1240	Flux Core, Pipe and Fabrication	4
WLDA	1241	Flux Core, Pipe and Fabrication Lab	2
_____	_____	General Education Elective Credit	3

EIGHTH SEMESTER

FIN	1050	Personal Finance	3
ENGL	1010	Introduction to Writing	3
_____	_____	General Education Elective Credit	3

For specific student learning outcomes and assessments for individual **PROGRAMS**, please go to: <http://www.slcc.edu/curriculum/programs>. Find the degree and program name on the list and click to read about it.

For specific student learning outcomes and assessments for individual **COURSES**, please go to: <http://www.slcc.edu/curriculum/courses>. Find the course prefix and number on the list and click to read about it.

SKILLS CENTER

South City Campus
1575 S. State Street, Room W137D – (801) 957-3354

Redwood Road Campus
Student Center, Room 242A – (801) 957-4097
<http://www.slcc.edu/skillscenter>

MISSION STATEMENT

The Salt Lake Community College Skills Center represents the state's commitment to provide quality vocational/technical training for people who are educationally, socially, or economically disadvantaged and for people with disabilities.

The Skills Center offers open-entry/open-exit, competency-based, non-credit courses and intensive student support services. Programs and services are individualized, flexible, and responsive to business and industry requirements and the education and training needs of an ever-changing, diverse community.

ADMISSION TO SKILLS CENTER PROGRAMS

Prospective Skills Center students will work with a Skills Center Advisor. Students who wish to enter a Skills Center program will find an advisor at Skills Center Enrollment Services, Room W137D, at the South City Campus, Monday through Friday (SLCC is closed on Friday during summer term); at the Skills Center Enrollment Services at the Redwood Road Campus, Student Center, Room 242A, appointments recommended, phone (801) 957-4097; or Tooele Center, 66 or 1021 West Vine Street, Tooele, Utah, by appointment only, phone (801) 957-3354 or (435) 882-5070.

Visitors to South City and Redwood Road Campuses must pay for parking. Please use the conveniently located parking meters at South City or the visitor lot at Redwood Road.

Students are admitted to Skills Center classes on a weekly or modular-entry basis as openings allow. Most programs are individualized and competency based.

SKILLS CENTER PROGRAMS

ELECTRONICS AND COMPUTER TECHNOLOGY^{CTE}

Computer Support Specialist (A+ Certification)
Electronics Assembly Technology
Electronics Technician
Linux Network Administrator
Linux Support Specialist
Network Administrator (MCSA)
Network Engineer (MCSE)

PROJECTS WITH INDUSTRY (PWI)^{CTE} (SPECIAL ELIGIBILITY REQUIREMENTS APPLY)

Technical Support Skills

HEALTH CARE INDUSTRY^{CTE}

Basic Health Records
Certified Nurse Assistant
Dental Office Assistant
Health Unit Clerk/Coordinator
Medical Coding and Billing

OFFICE INFORMATION SYSTEMS^{CTE}

Accounting Clerk
Customer Service/Receptionist
Office Clerk
Office Specialist (Tooele)

SKILLED TRADES^{CTE}

Air Conditioning/Heating/Refrigeration
Brick and Block Mason Pre-Apprenticeship
Commercial Driver's License (CDL) Upgrade
Diesel Systems Technology
Machinist
Professional Truck Driving
Welding

PRE-TRAINING PREPARATION

(NO CREDIT OFFERED OR CERTIFICATES GIVEN)

Adult Basic Education: Reading, Writing and Math
Armed Services Vocational Aptitude Battery (ASVAB)
Test Preparation
Commercial Driver's License (CDL) Learner's^{CTE}
Permit (Class A and B)
Computer Literacy Basics^{CTE}
English-as-a-Second Language (ESL) (levels 1-3)
GED Test Preparation
Ready to Work: Employment Survival Skills

ADDITIONAL PROGRAMS

Skills Center training programs are constantly updated. New programs are developed to meet employment needs of the community with a strong emphasis placed on career and technical training for success in today's job market.

CERTIFICATE/CERTIFICATE OF COMPLETION

Students who successfully complete a career and technical training program will receive a Certificate from SLCC (programs less than 600 hours in length) or a Certificate of Completion (programs of 600 or more total hours). Certificates of Completion are issued under the authority of the Utah State Board of Regents.

STUDENT INFORMATION AND SUPPORT SERVICES

REGISTRATION

Students who wish to enter a Skills Center program must complete a Salt Lake Community College Application for Admission. A non-refundable \$35 application fee is required. This fee covers application and assessment and is valid for one year. Students may re-enter any Salt Lake Community College program within two calendar years with no additional application fee.

SPECIFIC TRAINING NEEDS

In addition to enrolling in a full program, individuals may wish to improve their competence in a specific area of interest. In these cases, students enroll in a prearranged number of instructional hours or an individual course or courses within a program. For example, an individual wishing to improve their welding skills may purchase 100 hours of instruction; another person may enroll in KACK 0200 Spreadsheets (MS Excel Core) for 35 hours. Tuition is determined by the total number of instructional hours needed to achieve the desired competency.

ASSESSMENT

Skills Center Assessment Services, at South City Campus, helps individuals make realistic career decisions based on assessment of academic skills, learning aptitudes, vocational interests, plus occupational and labor market information. Additional services include:

- GED Testing
- Nursing Assistant Certification (CNA) test
- One-Day-Vocational Assessment: Consists of a battery of five exams evaluating educational aptitudes, vocational interests, personality traits, academic achievement and learning styles.
- International Society of Certified Electronics Technicians (ISCET)
- Police Officer Selection Test (POST)

For further information, please contact the Skills Center Assessment Office at South City Campus, Room W124, (801) 957-3249.

PROGRAM COSTS AND STUDENT FEES

Utah Residents: For Utah residents, the cost for most Skills Center programs is \$2.25 per scheduled clock hour, which includes student fees. The cost of books and supplies are separate and are subject to change.

The Skills Center is committed to the success of the student. Therefore, students may check out required books and/or tools to use in the classroom until they can purchase their own sets. See the instructor for details.

INTERNATIONAL STUDENTS

International students (students on a non-immigrant visa) must complete International Student Application for Admission through International Student Services, Redwood campus (STC 234, phone (801) 957-4528, <http://www.slcc.edu/iss/index.asp>).

International students will be charged \$1,012.50 tuition for each of 4 academic terms – two 7.5 week sessions in Fall, two 7.5 week sessions in the Spring. Students will be charged \$337.50 for one 7.5 week session in Summer.

International students are assessed a \$40 administrative fee along with tuition in each of the three major academic terms (Fall, Spring and Summer) they attend.

If a student receives prior approval through International Student Services to attend less than 80% of a term, tuition is prorated to 80% of the tuition for the term. On a case by case basis, other adjustments to the tuition would be made for medical and family emergencies and other unanticipated events.

Refugees or other non-Visa status students would pay on the basis of membership hours enrolled and would be billed at the rate of \$2.25/hour for tuition.

NON-RESIDENT TUITION

Non-residents are required to pay additional tuition for Skills Center programs 600 hours or longer in length. Utah state law generally requires that adults live in Utah for 36 continuous months before they can be classified as a resident for higher education tuition purposes and during that time they must take steps to establish a domicile in the state. Students who are in the U.S. on visas (visitor, student, etc.) must always pay nonresident fees. At the time application for admission is made, students are classified as either a resident or non-resident. Under certain circumstances, classification as a non-resident can be appealed. For more information about the appeal process, please call Enrollment Services at (801) 957-3354.

WITHDRAWAL/REFUNDS

Skills Center certificate-seeking programs require payment of tuition for each block starting upon enrollment and at the time of each block change. When a student withdraws from one of these programs before reaching 50% of scheduled block hours, the student will be refunded 50% of tuition for that block. Any student withdrawing after 50% of scheduled block hours have been complete will not be eligible for a refund for that block.

Skills Center non-certificate programs require a tuition payment for 100 hours upon enrollment (or the total amount of hours they are registered for, whichever is less). After completing 100 hours, students will be billed on a monthly basis according to the scheduled hours. When a student withdraws from a program for which hourly tuition rate is charged, any amount that has been received for scheduled hours beyond the date of withdrawal will be refunded.

Skills Center certificate-seeking programs require a tuition payment by block upon enrollment. When a student withdraws from one of these programs before reaching 50% of their scheduled hours, the flat rate will be converted to the appropriate hourly rate, tuition will be calculated on scheduled hours up to the date of withdrawal, and any difference will be refunded. Any student withdrawing after 50% of the block will not be eligible for a refund.

Students wishing to make a request for tuition refunds must do so within two weeks of leaving school. Students who fail to withdraw following the procedure outlined above will not receive a refund. Refund checks are usually processed within three weeks of the student's official request and are mailed to the student's local address.

FINANCIAL AID

The Skills Center assists students who have financial needs. A number of state and federal sources of assistance are available to eligible students. Referral to funding resources is available through Skills Center's Financial Aid Office, South City Campus, Room W137B.

When receiving financial aid, students and their families are expected to assume some responsibility for meeting the cost of education. The expected contribution from students and family is determined by income, assets, number of dependents and other relevant information. Most financial assistance is awarded when the cost of attending the Skills Center is greater than resources available. Financial aid is awarded only to students who maintain satisfactory progress in eligible programs.

To apply for federal financial aid, students must complete the application for federal financial aid, mail it to the processor, or apply on-line at: <http://www.fafsa.ed.gov>. Students must also complete the Skills Center personal information sheet and provide other information as requested.

RECORDS

Transcripts of each Skills Center student's competencies are kept in the Skills Center MIS Office. Copies of student records are available upon the written request of the student. Records request forms are available in the MIS Office, Room W170, South City Campus. The non-refundable cost for each transcript is \$4. Any financial obligation owed to the Skills Center or to the College must be cleared before a transcript will be released. Records will be released only to the student or the person designated in writing. A picture ID is required.

HIGH SCHOOL AND COLLEGE CREDIT

Students may earn high school credits for Skills Center classes from local school district adult education programs. High school credits earned through Horizonte and Salt Lake School District are listed. Some Skills Center classes may be articulated for Salt Lake Community College credit upon application for matriculation to a related degree-diploma program.

INTEGRATED LEARNING (SCIL) LAB

The SCIL lab provides computerized instruction in basic academic subjects: reading, vocabulary, math (through calculus), writing and keyboarding skills. SCIL lab activities also can help with preparation for taking the GED or college entrance exams (see GED course description). Life and job-seeking skills activities help students to become more self-sufficient. Dictionaries and calculators are available as computer reference tools. Students enrolled in writing are encouraged to build their keyboarding skills.

SCIL lab computerized activities traditionally are offered as part of the adult basic education and GED preparation programs. Students can, however, be scheduled into the lab if it is determined that their goals can be met by doing so and if there is a seat available in the lab.

Students can be given specific activity assignments by their instructor, or they can take the computerized placement test that automatically places the student at the level at which he/she should begin. Students progress through the activities at their own pace receiving immediate feedback on their responses. Tutorial activities provide additional help when needed.

DISABILITY RESOURCE CENTER

The Disability Resource Center (DRC) provides numerous services and accommodations for students with documented disabilities who need assistance with educational, physical and/or program accommodations while pursuing their education. Services are available at all SLCC sites. To become eligible for services, students must meet with a DRC advisor, complete an application for the DRC, and provide qualified medical and/or psychological documentation of their disabilities. Services are designed to accommodate the limitations of the disability and are approved on an individual basis, as well as reevaluated each semester. DRC is also available for consultations, training and assistance to faculty, staff, and outside agencies. DRC Services:

- Advising and counseling
- Transition assistance
- Early registration
- Liaison with community agencies, faculty, and staff
- Assistive technology
- Adaptive equipment
- Accommodated testing services
- Interpreting for the deaf
- Learning strategies training
- Note-taking, reading, and scribing
- Alternative text services
- ADA information
- Advocacy

Redwood Road Campus, SC 008, (801) 957-4659 (Voice),
(801) 957-4646 (TTY)

South City Campus, W138, (801) 957-3258

SKILLS CENTER STUDENT EMPLOYMENT

EMPLOYMENT SERVICES

The Skills Center is committed to helping students obtain employment upon completion of their training. Students work with an Employment Specialist who provides services for the training program they are attending. Students can also visit one of the Student Employment locations to receive employment services. The location and hours for Skills Center Student Employment are: W136 at South City Campus, 8 a.m. to 4:30 p.m., or by appointment, phone: 957-3354 or fax: 957-3283, Monday through Friday; Room 120, Building B, Meadowbrook Campus, by appointment, call 957-3317 to schedule the same. Student Employment provides the following services and resources to Skills Center Students:

- Individual job referrals
- Job listings
- Employer recruiting and interviewing on campus
- Program-specific job market and employment information

One-on-one assistance with:

- Sources for job leads and development
- Information about types of jobs and employers
- Traditional and on-line applications
- Resumes, cover, and thank-you letters
- Interview dynamics, questions, and formats
- Past and current issues that effect employability
- Provide on-line employment assistance and job referrals
- Employment Workshops
- Fax Machine

Computers for:

- On-line applications
- Resumes
- Cover and thank-you letters
- Internet job searches
- Word processing
- E-mailing employers
- Resume paper

EMPLOYMENT WORKSHOPS

Employment Workshops are provided for Skills Center job-skills-training programs. They are customized for the specific training program and the employment needs of the students in that program. Focus is placed on information and resources that support related employment after the student completes his or her training. General areas of instruction in each Employment Workshop include:

- Labor market and training-related job information
- Finding and developing job leads
- Job search communication issues
- Traditional and on-line applications
- Traditional and electronic resumes
- Cover and thank-you letters
- Interviewing skills
- Mock interviews
- Barriers that may effect employability

STUDENT SATISFACTORY PROGRESS POLICY

SATISFACTORY PROGRESS

Students enrolled in Skills Center programs meet with their instructor(s) at defined intervals, called blocks, throughout the length of the program. Each block represents 25% of the total program hours. The purpose of the meeting is to review the student's progress and determine if the student is making progress to complete the program competencies within the allotted program hours. The progress review intervals for programs 600 clock hours or longer are 25%, 50%, 75%, and 100%. For programs less than 600 clock hours, students and instructors meet at the 50% and 100% intervals.

There are two ways satisfactory progress is measured:

1. Quantitatively: In order to make satisfactory progress, students must complete all the competencies defined for the block within 150% of the total hours allotted for the block.
2. Qualitatively: In order to make satisfactory progress, students must satisfactorily accomplish the competencies defined for the block.

NOTE: Sponsored students will follow the satisfactory progress requirements of the sponsoring agency and the school.

ATTENDANCE

Students attending Skills Center classes are expected to maintain an attendance rate of 80% or higher since students that attend class regularly make faster progress toward completion of their instructional goals. In addition, many of the agencies that sponsor students have expectations regarding attendance. Therefore, attendance is tracked and reported as required to sponsoring agencies. Students attending less than 80% of their scheduled time within a calendar month may be given an instructional plan which documents goals for managing time and attendance. Exceptions may apply based on the sponsoring agency or program requirements. For example, students sponsored by the Veteran's Administration must maintain 90% attendance; students enrolled in the Certified Nurse Assistant Program must attend as required by the State of Utah. For more information, see the sponsoring agent, an instructional advisor, or the program syllabus.

FAILURE TO MEET SATISFACTORY PROGRESS

The first time a student fails to meet satisfactory progress for a block, she/he will be placed on probation for the next block while still receiving financial aid. During the probationary period, a student must meet all the competencies for the previous block and the current block within the required time limit (150% of the time allocated for the block). If the competencies are met within the prescribed time period, the student is taken off probation and financial aid will continue. If the competencies are not met, financial aid will be cancelled.

INSTRUCTIONAL PLAN

If, at any progress review interval, it is determined that the student is not making satisfactory progress in the program, the instructor(s) and the student will determine and document an appropriate plan of action on an instructional plan. The plan may include, but is not limited to, the following:

1. Goals set by the student and instructor for the mastery of competencies by specific dates so that the student will be completed with the competencies in the block within 150% of the allotted block hours.

NOTE: VA students are required to complete training within the published program hours.

2. Goals set for managing time and attendance.
3. Referral to tutoring assistance.
4. Reassessment of learning styles, disabilities and/or basic skill levels.
5. Others as deemed relevant to individual student's needs.

FAILURE TO MEET INSTRUCTIONAL PLAN

For students who fail to meet the goals as outlined on the Instructional Plan by the end of the next block's review, any of the following may occur:

1. For those who receive VA education benefits and/or federal financial aid, their benefits will be cancelled.
2. The instructional advisor will schedule a meeting with the instructor, the student, and the sponsoring agent (if applicable) to determine an acceptable course of action to ensure the student completes the program satisfactorily.
3. The student may be referred for additional assessment.
4. The student may be counseled to continue training in an alternative/modified program.
5. Additional tutorial/learning lab assistance may be suggested.
6. The student's enrollment in the program may be terminated.

SKILLS CENTER COMPETENCY GRADING

Grades for Skills Center courses and programs are based on competency achievement according to the following skill levels:

- 4 Skilled: works independently with minimal supervision
- 3 Moderately skilled: performs job with limited supervision
- 2 Limited skill: requires instruction and close supervision
- 1 No skill: no experience, skill or knowledge

Skills Center transcripts list the skill level for each competency and an overall competency level for the course.

MAKE-UP POLICY

The Skills Center has no make-up policy.

RE-ADMISSION OF FORMER STUDENTS

Students may enroll in any Salt Lake Community College program or course within two calendar years with no additional application fee.

In most cases, when students leave their program before completing it but re-enroll within twelve months of leaving, they will be allowed to pick up where they left off to complete the program. In cases where the curriculum changed significantly between leaving and returning, students may be required to retake some or all the courses. For more information see the program coordinator or instructional advisor.

LEAVE OF ABSENCE

Students may be placed on a leave of absence for up to 30 days in cases of extreme emergency. Students are allowed one such leave during their training program.

All requests for leaves of absence must be in writing, signed by both the student and the appropriate school official, recorded on the school attendance records, and documented in the student's file prior to their leave of absence. A Leave of Absence is generally handled by the instructional advisor and communicated to the instructor.

PRE-TRAINING PREPARATION

ADULT BASIC EDUCATION

Assistant Professor: Jennifer Courtney, Martha Hess

Instructor: Jolynn Collins

South City Campus (Tooele Campus as scheduled)

Instruction is designed to assist students who want to improve their reading, writing and/or math skills before entering vocational training. Faculty work with students on an individual basis using a variety of instructional materials to help them achieve the desired skill level. Most work can be applied toward high school completion/diploma if the student is registered in Adult Education through their school district. Computer-assisted instruction is also provided through the SCIL (Skills Center Integrated Learning) Lab and is designed to supplement the classroom activities. Instruction is geared to meet the needs of the most elementary level adults through high school/college reading, writing and math skills.

Clock hours are determined on an individual basis for one or all of the following subjects:

READING

Vocabulary improvement, spelling, writing and reading comprehension.

WRITING

Composition, essay writing for GED preparation or college entrance.

MATHEMATICS

Whole numbers, fractions, decimals, percentages, measurements and formulas, equations, ratio and proportion.

ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) TEST- PREPARATION

Professor: Dolores Rowley
Assistant Professor: Martha Hess
Instructor: Jolynn Collins

South City Campus

This program is designed to assist students in preparing for the Armed Services Vocational Aptitude Battery (ASVAB). The scores on this test battery can qualify candidates for certain jobs and training in the armed forces. Instruction is concentrated in the ten ASVAB areas:

General Science
Arithmetic Reasoning
Word Knowledge
Paragraph Comprehension
Numerical Operations
Coding Speed
Auto and Shop Information
Mathematics Knowledge
Mechanical Comprehension
Electronics Information

Resource materials and instructors are available for individual lessons and practice before taking the test. Reading and test-taking strategies are presented to reduce test anxiety and encourage confidence. Practice tests will be administered to measure the student's readiness for completing the exam.

COMMERCIAL DRIVER'S LICENSE^{CTE} (CDL) LEARNER'S PERMIT (CLASS A AND B)

Instructors: Rick Dalton, Al Drechsel

Meadowbrook Campus

This 16-hour course provides instruction that helps students prepare to take the CDL written test required to obtain a learner's permit prior to beginning the professional truck driving program. Instruction includes air brakes, tractor-trailer combinations and general trucking operations. One classroom session and an additional fee will be required for each of the following additional endorsement riders: hazardous materials, tankers, doubles and triples, and transporting passengers (bus driving).

FORKLIFT TRAINING

The forklift training course is designed for people who would like to learn the basic fundamentals of moving materials with forklifts, pallet jacks, electric jacks, and other similar pieces of equipment. According to OSHA regulations, the Skills Center may not certify students on forklifts; employers must certify their employees on the specific equipment in use at the company. Students will earn a Certificate of Achievement for successfully completing this course.

COMPUTER LITERACY BASICS

Assistant Professors: Kathy Himle, Edward Walsh

South City Campus

This program provides a stand-alone, hands-on introduction to personal computer hardware and operating systems for (1) the beginning computer professional, (2) computing to improve the chance for success in an educational environment, (3) improved chance for success in the workplace, or (4) to use computing at home. The program is intended to prepare students for the following:

- Complete the requirements to pass the Certipoint IC3 Computer Literacy Certification Exam. This exam suite consists of three components: Computing Fundamentals, Key Applications, and Living Online. Computing Fundamentals includes hardware, software, and Operating Systems (focusing on Windows); Key Applications will focus on word processing and spreadsheets – with minor information regarding data bases and presentation software; Living Online will focus on email and Internet.
- Touch keyboarding skills required to meet a minimum of 20 wpm. This requirement may be waived for students who can demonstrate a touch typing speed of 20 wpm.
- Provide a background in the command line language of DOS microcomputers and DOS Command Line (DOS) for students wishing to enter into the Computer Support Specialist program.

CERTIFICATIONS

Although not required for successful completion, this program prepares students to take the three IC3 certification exams.

COURSE	CLOCK HOURS
KCLB 0110 Keyboarding	10
KCLB 0115 Computer Literacy and Ethics	95
KCLB 0135 DOS	15
TOTAL HOURS	120

ENGLISH-AS-A-SECOND LANGUAGE (ESL)

Associate Professors: Robyn Cruff, Mary Mellott, Cheryl Shurtleff

South City Campus
Redwood Campus

The Skills Center offers three levels of ESL leading to vocational training or college level classes. No minimum English proficiency is required to enter ESL classes. However, a placement test is given to determine the level at which a student should begin. Placement tests are arranged at the time students seek to register for the program. Students participate in the Skills Center Integrated Learning (SCIL) Lab which focuses on the individual needs of the students. ESL classes include intensive practice in reading, writing, grammar, listening, vocabulary, pronunciation, conversation and computer-aided instruction.

The following classes are available for each level:

- 1 hour computer-aided language instruction or communicative activities to develop fluency
- 1½ hour Reading/Writing/Communication Skills class
- 1½ hour Grammar class
- 1 hour Listening and Note-Taking Skills class

Because this is an intensive English language program, full-time attendance is strongly recommended to encourage more rapid acquisition of English and is required for International students, as needed. Students may enroll with the following schedules:

FULL TIME STUDENTS
(recommended for all)

DAYTIME (REQUIRED FOR INTERNATIONAL STUDENTS):
5 hours/day, Monday - Thursday, as scheduled

EVENING:
4 hours/day Monday-Thursday
as scheduled and depending on computer lab.

PART TIME STUDENTS (DAYTIME OR EVENING)

Part time students are encouraged to take the core classes, i.e., Reading/Writing/Speaking, and Grammar

Day: Monday-Thursday, 15 hours/week, as scheduled

Evening: Monday-Thursday, 15 hours/week, as scheduled

INTERNATIONAL STUDENTS

International students are encouraged to contact the International Student Services Office: (801) 957-4528; Fax: (801) 957-4432.

e-mail: international.services@slcc.edu

web site: <http://www.slcc.edu/iss>

PREREQUISITE

Each level has predetermined CELSA score ranges. A Skills Center Admissions Advisor will inform student of level after testing.

COURSE OFFERINGS**ESL LEVEL 1 (A AND B) - BEGINNING**

KESL 0120 Reading/Writing/Speaking
Intro to basic reading, writing, and communication skills.

KESL 0110 Grammar
Introduction to basic parts of speech and verb forms.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 2 (A AND B) - INTERMEDIATE

KESL 0210 Grammar
Introduction and practice of basic structures and usage: present, past and future tenses; nouns and pronouns; basic modals; present and past perfect; count and non-count nouns and articles.

KESL 0220 Reading/Writing/Speaking
Intermediate practice of reading and writing skills; vocabulary development; communication skills; cultural awareness.

KESL 0250 Listening and Note-Taking Skills
Introduce and develop listening strategies, note-taking and organizational skills, vocabulary building, and speaking abilities in various contexts.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 3 (A AND B) - ADVANCED

KESL 0310 Grammar
Advanced grammatical and complex sentence structures: Verb tense review; passive; complete modal usage; gerunds and infinitives; conditionals (optional).

KESL 0320 Reading/Writing/Speaking
Advanced reading and writing skills; vocabulary development; compositions; group discussions; presentations; cultural awareness.

KESL 0350 Listening and Note-Taking Skills
Refine listening strategies, note-taking and organizational skills, academic vocabulary building, cooperative speaking activities, and test-taking skills.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 3 (C) ADVANCED PRE-COLLEGE

KESL 0720 Reading/Writing
Thorough review of English grammar as needed for reading and writing; advanced reading and vocabulary skills; summaries; essays.

KESL 0730 Listening /Speaking
Note-Taking skills; lecture comprehension; prepared speeches; community service learning.

KESL 0740 Computer Skills
Introduction and practice as needed for college success: word processing, e-mail, Internet.

KESL 0750 Workshop
Pronunciation, debate, particular grammar points, vocabulary, etc. Student needs and interests determine actual curriculum.

GED TEST PREPARATION

Assistant Professor: Martha Hess

Instructor: Jolynn Collins

South City Campus

The GED Test Preparation courses are designed for individual student study to prepare for the GED exam. Resource material is available for individual lessons and practice in the tested areas of mathematics, writing skills, social science, science and interpreting literature and the arts. Reading and test-taking tips are presented in the course to lessen test anxiety and encourage confidence. Diagnostic and practice tests are administered to measure the student's readiness for the exam. The Skills Center Integrated Learning (SCIL) lab also is used to strengthen classroom instruction and to prepare the student for the final GED exam.

Three hours of classroom instruction are GED, writing, and math. Additional hours, as needed: math, reading, or SCIL lab.

KGED 0100 GED Test Preparation
KGED 0500 GED Prep. Language Arts/Writing
KGED 0600 GED Test Preparation

Program Hours: Minimum three hours per day, as arranged

GED TESTS

Tests are given by appointment in the Skills Center Assessment Office. For an appointment and fee information, call (801) 957-3249, or inquire at the Skills Center Assessment Office in room W124, South City Campus.

**READY TO WORK:
EMPLOYMENT SURVIVAL SKILLS**

This program is intended for the first time employee or for people who need to brush up on their job application and employability skills. Students will learn the skills employers are seeking as they search for and interview job applicants. Students also learn the soft skills that employers expect of their employees while on the job, i.e. how to interact with management, co-workers, and customers. The course was developed as a joint effort with the Department of Workforce Services, local employers, and Salt Lake Tooele Applied Technology College.

COURSES	CLOCK HOURS
Ready to Work—Employ Skills	40
Total Program Hours	40

ELECTRONICS AND COMPUTER TECHNOLOGY

COMPUTER SUPPORT SPECIALIST^{CTE} (A+ CERTIFICATION) CERTIFICATE OF COMPLETION

Associate Professor: Kathy Himle
Assistant Professor: Edward Walsh

South City Campus

The Computer Support Specialist program has been organized into two instructional tracks designed to meet the needs of students with various skill levels as they prepare for the two Computer Technology Industry Association (CompTia) A+ Certification exams: hardware and software essentials plus either entry-level careers as mobile/remote support, helpdesk, or bench technicians. The tracks are described below. The instructor will help students determine the track most appropriate for their skill level.

TRACK ONE

Developed for students with little or no computer experience, students begin by learning computer basics, software applications, use of the internet and other on-line services. This prepares student to take Certiport IC3 Computer Literacy certification exams. Students then progress to hands-on training in microcomputer configurations, installations, building, upgrading, repairing, troubleshooting, optimizing, diagnosing and maintenance. Video, storage media, printers, basic operating systems, modems, buses, CD-ROMs/DVDs, and other system components are included. Students learn basic troubleshooting techniques required to configure, install, upgrade, and diagnose current operating systems such as DOS and Windows. This knowledge prepares students to take CompTia Essentials exam plus one elective. Electives include courses which prepare students for careers as entry-level helpdesk, bench, or remote/mobile (with instructor approval) technicians. Finally, students choose to prepare for certification in Linux, Microsoft MCP certification, CompTIA Network+ or I-Net+; OR students can arrange for externships where they apply their knowledge in a work environment.

TRACK TWO

This track was developed for students who have more experience with computers and who need additional instruction in order to prepare for industry certifications. While the same competencies are covered, it moves at a more rapid speed and begins with more advanced concepts. This track also provides students with hands-on training in microcomputer configurations, installations, building, upgrading, repairing, troubleshooting, optimizing, diagnosing and maintenance. Video, storage media, printers, basic operating systems, modems, buses, CD-ROMs/DVDs, and other system components are included. Students learn basic troubleshooting techniques required to configure, install, upgrade, and diagnose current operating systems such as DOS and Windows. The track prepares students for the CompTia Essentials exam plus one elective required for A+ certification. Electives include courses which prepare students for careers as entry-level helpdesk, bench, or remote/mobile (with instructor approval) technicians. Once students complete these requirements, they choose two additional electives after consulting with their instructor: Linux, Microsoft MCP certification, CompTIA Network+ or I-Net+.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be

measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, and/or CAP (Choices Ability Profiler). Students requesting Track Two must have prior approval from the instructor.

CERTIFICATION

The courses offered in this program directly reflect the most current requirements for the A+ CompTIA A+ Certification Exam.

COURSES	CLOCK HOURS
TRACK 1	
KCMS 0115 Computer Literacy Basics	120
KCMS 0125 Hardware & Software Basics	216
KCMS 0290 Employment Workshop	0-10
ELECTIVES (CHOOSE ONE TO COMPLETE A+ EXAM)	
KCMS 0150 Helpdesk Technician	168
KCMS 0160 Bench Technician	168
KCMS 0170 Remote/Mobile Technician	168
ELECTIVES (CHOOSE ONE ADDITIONAL)	
KCMS 0300 Configuring Windows Clients	168
KCMS 0400 Linux Fundamentals	168
KCMS 0205 Cooperative Internship	168
KCMS 0210 Networking Technologies	168
KCMS 0230 Internet Technician	168
TOTAL HOURS	675
TRACK 2	
KCMS 0135 Hardware & Software Essentials	168
KCMS 0290 Employment Workshop	0-10
ELECTIVES (CHOOSE ONE TO COMPLETE A+ EXAM)	
KCMS 0150 Helpdesk Technician	168
KCMS 0160 Bench Technician	168
KCMS 0170 Remote/Mobile Technician	168
ELECTIVES (CHOOSE TWO)	
KCMS 0300 Configuring Windows Clients	168
KCMS 0400 Linux Fundamentals	168
KCMS 0205 Cooperative Internship	168
KCMS 0210 Networking Technologies	168
KCMS 0230 Internet Technician	168
TOTAL HOURS	675

ELECTRONICS ASSEMBLY^{CTE} TECHNOLOGY CERTIFICATE

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway

Redwood Campus

Students learn to use the latest techniques and tools to ensure high reliability soldering in this two part, in-depth, hands-on program. The universal assembly and repair module covers all aspects of both single and double-sided through-hole circuit board technology, including: high reliability soldering; solder theory; assembly and rework techniques of wire connections; terminals; axial lead; DIPS; flatpacks and multi-leaded components. The surface mount technology assembly and repair module stresses the safe installation and removal of surface mount components, chip, SOTs, MELF, SOICs, QFPs and PLCC, using the latest equipment and techniques. Upon satisfactory completion of this program, students will be able to make "accept" or "reject" decisions for the appropriate class/classes of electronic assembly production, based upon the acceptability requirements of the IPC-A-610D.

CERTIFICATION

Successful students could earn Certification in the following:

- IPC-A-610 D Worker Proficiency Training Certification
- PACE Advanced Surface Mount Technology and Advanced Through-hole Soldering

(Certification costs are included in the cost of the program.)

COURSE	CLOCK HOURS
KELA 0150 Universal Assembly and Repair Module	75
KELA 0160 Surface Mount Technology (SMT) Assembly and Repair Module	70
KELA 0171 IPC-A-610D Cert IPC Specialist	35
KELA 0290 Employment Workshop	0-10
TOTAL HOURS	180

ELECTRONICS TECHNICIAN^{CTE} CERTIFICATE OF COMPLETION

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway

Redwood Campus

This program provides a solid foundation for students desiring to enter the electronics technician field. The program covers the basic theory, laws, circuits and fundamentals of AC/DC; solid-state and digital electronics. Students learn modern assembly and soldering techniques, such as surface mount and ceramic soldering techniques. In addition, the student will learn how to use various test equipment for trouble-shooting and repair of electronic circuits. The course covers electronic components, how they function and how to test devices. Students learn the skills required of an electronic technician to understand, maintain, troubleshoot and repair modern electronic equipment.

CAREER GROWTH POTENTIAL

The types of careers available to graduates of a technical program in electronics are plentiful. The Occupational Outlook Handbook predicts moderate growth in the field of electronics as a whole. However, the biomedical and computer repair field are predicted to have above average growth over the next several years.

A technician who has a strong background in electronics is a very valuable commodity in today's workplace and will be in even more demand tomorrow.

CERTIFICATION

Successful students may be certified in the following areas: PACE Advanced Surface Mount Technology and Advanced Through-Hole Soldering, IPC-A-610D Worker Proficiency Training Certification, and the International Society of Electronics Technician (ISCET) Certification.

COURSE	CLOCK HOURS
KET2 0116 Universal Assembly & Repair	75
KET2 0117 Surface Mount Technology	70
KET2 0118 IPC-A-610D Cert IPC Specialist	35
KET2 0121 Basic Mathematics	10
KET2 0122 Measurement	10
KET2 0123 Algebra	40
KET2 0124 Trigonometry	40
KET2 0130 Direct-Current Electronics	160
KET2 0145 Alternating-Current Electronics	165
KET2 0156 Devices and Circuits	170
KET2 0166 Digital Circuits	170
KET2 0175 Computer Literacy Basics	120
KET2 0290 Employment Workshop	0-10
ELECTIVES: (SELECT ONE)	100
KET2 0210 Microcomputer Fundamentals	(100)
KET2 0220 Cooperative Internship	(100)
KET2 0230 Electronics Troubleshooting	(100)
KET2 0241 Tech Certification	(100)
TOTAL HOURS	1,165

NETWORK ADMINISTRATOR^{CTE} (MCSA) CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg, Edward Walsh

South City Campus

This program uses the most current Microsoft approved course materials to prepare students to take industry tests to earn the CompTIA Network +, Microsoft Certified Professional (MCP), and Microsoft Certified Systems Administrator (MCSA) certificates. The MCSA/MCSE certified instructors guide students through hands-on and individualized instruction. Students learn to effectively install, maintain, troubleshoot, and otherwise carry out system administrator functions on networks running the latest Windows server and client operating systems. Industry conferences and workshops are included as supplemental classroom activities geared toward informing students of trends and changes within the industry. Students who are motivated, willing to set and accomplish goals, and prepared to study 2-3 hours a day outside of the classroom are the most successful in this rigorous program.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, CAP (Choices Ability Profiler), successfully completing Computer Literacy Basics, and/or as determined by an admission advisor or with instructor approval. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm. See an admission advisor for more information.

COURSE	CLOCK HOURS
KMNA 0110 Networking Technologies	150
KMNA 0125 Configuring Windows Clients	150
KMNA 0135 Server Environment Manager	150
KMNA 0150 Network Infrastructure	150
KMNA 0295 Employment Workshop	5
ELECTIVES (CHOOSE ONE)	95
KMNA 0205 Cooperative Internship	(95)
KMNA 0220 Extended Cert. Test Prep	(95)
TOTAL HOURS	700

CERTIFICATION

Courses offered in this program directly reflect the most current requirement for certifying in the following areas:

CompTIA Network +
Microsoft Certified Professional (MCP)
Microsoft Certified Systems Administrator (MCSA)

Certification is not required for successful completion of this program.

NETWORK ENGINEER MICROSOFT^{CTE} CERTIFIED SYSTEMS ENGINEER (MCSE) CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg, Edward Walsh

South City Campus

This program utilizes Microsoft-approved course materials to prepare students to take industry certification tests so they can earn the Microsoft Certified Systems Engineer (MCSE) Microsoft Certified

Systems Administrator (MCSA), and Microsoft Certified Professional (MCP) Certificates from Microsoft. The MCSE certified instructors teach students, through hands-on activities and individualized instruction, to effectively install, maintain, secure, and troubleshoot computer networks running the latest Windows Server and client operating systems. Active Directory, Group Policy, Network Security, Web Site Management, DNS, WINS, Routing, Remote Access, VPNs, DHCP along with a variety of other networking topics will be covered in this program. Industry conferences, and workshops are included as supplemental classroom activities geared toward informing students of trends and changes within the industry. Students who are motivated, willing to set and accomplish goals and willing to study outside of the classroom are the most successful in this rigorous program. This program provides the latest courses required by Microsoft for the MCSE, MCSA, and MCP certificates.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, CAP (Choices Ability Profiler), successfully completing Computer Literacy Basics, and/or as determined by an admission advisor or with instructor approval. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm. See an admission advisor for more information.

CERTIFICATION

Courses offered in this program directly reflect the most current requirement for certifying in the following areas:

Microsoft Certified Professional (MCP)
Microsoft Certified Systems Administrator (MCSA)
Microsoft Certified Systems Engineer (MCSE)

Certification is not required for successful completion of the program.

COURSE	CLOCK HOURS
KNEG 0135 Configuring Windows Clients	150
KNEG 0145 Server Environment Manager	150
KNEG 0150 Network Infrastructure	150
KNEG 0165 Administer Directory Services	150
KNEG 0180 Planning the Infrastructure	140
KNEG 0185 Designing Network Security	135
KNEG 0190 Network Security	140
KNEG 0295 Employment Workshop	5
ELECTIVES (CHOOSE ONE)	80
KNEG 0205 Cooperative Internship	(80)
KNEG 0220 Extended Cert. Test. Prep.	(80)
TOTAL HOURS	1,100

LINUX NETWORK ADMINISTRATOR^{CTE} CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg, Edward Walsh

South City Campus

This program is geared toward students with some previous computer technical skill and knowledge who wish to enhance their skills by learning the increasingly popular Linux operating system. Through the use of hands-on labs and individualize instruction students will gain an intimate knowledge of Linux and its potential in the business world. Throughout this course students will learn to install, configure, and troubleshoot Linux servers and the network applications they provide. Topics explored and implemented in the class include the setup and maintenance of many of the most popular network services available for Linux and Unix today, including servers for DNS, LDAP, Web (HTTP, HTTPS), FTP, SMB (Windows networking), and email (SMTP, POP3, IMAP).

Special attention is paid to the concepts needed to implement these services securely and to trouble-shooting skills which will be necessary for real-world administration of network services. Students wishing to be successful in this rigorous course can expect to do a substantial amount of studying outside of class. Prospective students must arrange to meet with the instructor before enrolling in the program. Students that are interested in Linux networking but have no previous experience with computers are encouraged to enter the Linux Support Specialist program.

COURSE	CLOCK HOURS
KLNA 0110 Linux Fundamentals	150
KLNA 0120 Linux System Administration	150
KLNA 0130 Linux Network Services	400
KLNA 0290 Employment Workshop	0-10
TOTAL	700

CERTIFICATIONS

Courses offered in this program directly reflect the most current requirement for certifying in the following areas:

LPI Level 2 exam
CompTIA Linux+
Red hat Certified Technician (RHCT) exam *

*This exam must be arranged through Red Hat. It is a hands-on practical test requiring students to travel to a Red Hat testing site.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, CAP (Choices Ability Profiler), successfully completing Computer Literacy Basics, and/or as determined by an admissions advisor or with instructor approval. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm. See an admission advisor for more information.

LINUX SUPPORT SPECIALIST^{CTE} CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg, Edward Walsh

South City Campus

This intensive program prepares students to meet the challenges of today's diverse network environments. Through the use of hands-on labs and individualized instruction, students will learn to build and maintain computers running two of the most popular network operating systems used by companies today: Linux and Microsoft Windows. Students will gain a solid technical support foundation by installing, configuring, and then troubleshooting both operating systems on multiple computers. Special emphasis will be given to using Samba to integrate Linux and Windows in a network environment. Other topics include: Customer service, hardware configuration, troubleshooting methodology, TCP/IP administration, network printing, files sharing, and system security. This course also helps to prepare students for the A+, Linux+, and Microsoft Certified Professional (MCP) certification exams. Students wishing to be successful in this rigorous course should expect to do a substantial amount of studying outside of class. Prospective students are strongly encouraged to arrange a meeting with the instructor before enrolling in course.

COURSE	CLOCK HOURS
KLSS 0110 A+ Certification Module	250
KLSS 0120 Linux Fundamentals	150
KLSS 0130 Linux System Administration	150
KLSS 0290 Employment Workshop	0-10

ELECTIVES (CHOOSE ONE)

KLSS 0210	Network + Exam Preparation	150
KLSS 0220	I-Net +	(150)
KLSS 0230	Microsoft MCP 70-210	(150)

TOTAL **700**

CERTIFICATIONS

Courses offered in this program directly reflect the most current requirement for certifying in the following areas:

CompTIA A+
CompTIA Linux+

ELECTIVES

Depending on elective chosen, students may be prepared for one of the following certification tests:

Microsoft Certified Professional 70-210
CompTIA I-Net+
CompTIA Network+

Certification is not required for successful completion of this program.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, CAP (Choices Ability Profiler), successfully completing Computer Literacy Basics, and/or as determined by an admission advisor or with instructor approval. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm. See an admission advisor for more information.

PROJECTS WITH INDUSTRY TECHNICAL SUPPORT SKILLS^{CTE} CERTIFICATE

South City Campus

Projects With Industry is a combined computer-based and hands-on training approach developing the basic high tech skills required in today's business environment. The courses are designed to meet specific skills in terms of a student's future career. Students are evaluated on entry into PWI and enrolled in the courses which best meet their career objectives, specifically in the area of Office Technician or Computer Technical Support. Each student is evaluated in terms of those business and interpersonal skills recommended by industry for successful employment. Help and guidance from the PWI coaches, disability conferences, workshops, and guest speakers are included as supplemental classroom activities geared toward informing students of trends and changes within the industry and helping students deal with disability challenges. SLCC/Skills Center does not issue a certificate of completion for this program. This program is funded through a grant from the U.S. Department of Education, Rehabilitation Services Administration.

PREREQUISITES

To enroll in this program, an individual must have a referral from the Utah State Office of Rehabilitation (USOR), a verified severe disability, a high school diploma or GED, an aptitude for Computer work, and a high degree of motivation. Individuals are interviewed and selected for enrollment by the PWI staff and Business Advisory Council (BAC) members, which consists of PWI staff, USOR counselors, and members of the business community.

Competency in keyboarding (20 wpm), hardware/software concepts, Windows and other operating systems, the Internet and e-mail must

be demonstrated by passing entry assessment tests, enrolling in a computer technology basics course, or verified life experience.

CERTIFICATIONS

Although many companies prefer and/or require that their employees be certified in the areas offered in this program, certification is not required for successful completion. Although the testing costs are not covered by the grant, students are strongly encouraged to take the appropriate certification tests for their area of specialization. (USOR usually covers the cost of certification tests; check with your advisor.)

COURSE	CLOCK HOURS
KTSS 0115 Entry Level Business Skills	50 - 295
KTSS 0125 Office Technician MOS core	50 - 295
KTSS 0130 Technical Support	50 - 295
KTSS 0135 IC3 Skills	50 - 295
KTSS 0160 Cooperative Internship	150 - 300
KTSS 0165 Disability Empowerment Workshop	0-22
KTSS 0290 Employment Workshops	15

HEALTH CARE INDUSTRY CERTIFIED NURSE ASSISTANT^{CTE} CERTIFICATE

Professor: Marilyn Little

South City Campus

This program is designed to provide students with the skills necessary to meet the physical, physiological and psychological needs of the acute, chronic, or long-term patient within a hospital or long-term facility. The curriculum includes an overall introduction to human relations, anatomy, physiology, and bacteriology as well as body mechanics, disease processes, and therapeutic approaches used to arrest or contain them. Universal precautions are taught throughout the program and emphasis is placed on the need to protect the patient as well as the nursing assistant.

Students enrolling in this program will spend their classroom time with hands-on clinical practice, multimedia, lab/skills practice and individualized student-centered instruction. Those who are looking for a traditional lecture format may find this learning environment not only empowering, but challenging. Instructors work with students individually to facilitate each student's unique learning style.

Students will be required to submit a copy of their personal Utah criminal history prior to enrolling in the program. Forms may be obtained at the Utah Bureau of Criminal Identification, 3888 West 5400 South, Salt Lake City, Utah 84114-8280 or online at <http://bci.utah.gov>. For more information, call (801) 965-4445. Cost to student: \$10. Student with a history of a misdemeanor or felony involving moral turpitude may not be eligible for clinical placement, state certification and/or employment. Specific questions should be directed to the program coordinator at (801) 957-3372.

COURSE	CLOCK HOURS
KNRS 0115 Patient Care, Theory and Labs	94
KNRS 0120 Patient Care, Clinical Assignments	26
KNRS 0290 Employment Workshop	0-10

TOTAL HOURS **120**

CERTIFICATION TESTING

There are two state certification tests: a written test and a basic skills test. Both tests must be passed before a student can be certified and licensed. If a student does not pass one or both tests, he/she must pay for the retest.

HEALTH UNIT CLERK/^{CTE} COORDINATOR CERTIFICATE

Professor: Marilyn Little

South City Campus

This program prepares students to work at nursing stations in a hospital or in other medical office situations which deal with patient care records. Students learn to transcribe doctors' orders using basic knowledge of anatomy, physiology, medical terminology and abbreviations. Keyboarding skills, use of the computer, and communication skills are included in the program. Students learn on a computer simulation program to order daily diets, laboratory tests and other diagnostic tests; order medication; maintain and organize patient charts; and perform non-clinical tasks for patient admission, transfer, discharge, preoperative and postoperative procedures. Students learn how to maintain the nursing unit supplies; communicate effectively with patients, visitors and professional health care teams; and operate the nursing unit communications systems (i.e., computer terminal, telephone, intercom, pagers).

COOPERATIVE EXTERNSHIP

During the cooperative externship, students are given the opportunity to practice these skills at area hospitals.

CERTIFICATION

Although not required for successful completion of the program, students will receive instruction that prepares them to take the National Association of Health Unit Clerk/Coordinators certification test.

COURSE	CLOCK HOURS
KCSR 0110 Beginning Keyboarding	12
KCSR 0140 Computer Concepts/Windows	35
KHUC 0190 Health Unit Coordinating	60
KHUC 0210 Cooperative Externship	78
KCSR 0290 Employment Workshop	15
TOTAL HOURS	200

BASIC HEALTH RECORDS^{CTE} CERTIFICATE OF COMPLETION

Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen; Shirlene Luke; Sally Williams, CPC

South City Campus and other sites as needed

This program prepares students to work in the medical records offices of hospitals, larger medical clinics, doctors' offices, and insurance companies. It provides basic clerical training in computer concepts, Windows, Internet, e-mail, medical filing, keyboarding/skill building, word processing (MS Word Core*), ten-key, medical terminology, medical accounting/patient scheduling software, and ICD-9 coding. Special emphasis is placed on customer service and life skills training. This curriculum includes a required 120-hour cooperative externship at a medical facility in the medical records department. To receive a Skills Center Certificate of Completion, the overall average score of all classes combined must be 80% or better.

Students must complete any OIS program they are currently enrolled in before they will be considered as a candidate for the Basic Health Records Program. Students are encouraged to take new classes as specific interest classes once they have completed the program in which they are currently enrolled.

Students who have completed 150 hours or more of the Basic Health Records Program cannot transfer to smaller programs that are not Pell eligible such as the Customer Service/Receptionist Program.

COOPERATIVE EXTERNSHIP

During the last four weeks of training, students complete 120 hours of work experience in an unpaid cooperative externship in an area medical facility. Instructors work with appropriate facility representatives and supervisors to ensure that students are given opportunities to complete the specific tasks and assignments in the workplace that will enhance their competency and proficiency.

SPECIAL REQUIREMENTS

Student enrolling in the Basic Health Records Program must be able to stand for long periods of time and be able to move up to 50 pounds.

COURSE	CLOCK HOURS
KBHR 0110 Beginning Keyboarding	12
KBHR 0130 Ten-Key	20
KBHR 0140 Computer Concepts/Windows	30
KBHR 0150 Customer Service/Life Skills	60
KBHR 0160 Keyboard Skill Building	158
KBHR 0170 Word Processing (MS Word Core*)	35
KBHR 0190 Medical Terminology	30
KBHR 0200 Medical Filing	15
KBHR 0220 ICD-9 Coding	30
KBHR 0230 Medical Office Procedures	40
KBHR 0240 Medical Acctg/Patient Software	35
KBHR 0280 Cooperative Externship	120
KBHR 0290 Employment Workshop	15

TOTAL HOURS **600**

DENTAL OFFICE ASSISTANT^{CTE}

PROGRAM DESCRIPTION

Many dental offices hire entry-level employees to work in the front office greeting, scheduling, and billing patients as well as assisting the dentist. This program prepares students for both positions. Students learn keyboarding, customer service, computer concepts, dental terminology, word processing, dental coding, dental scheduling and billing, and dental filing. Students also learn the basic skills needed for work as a dental assistant, including how to recognize, care for, and sterilize instruments and basic four-hand passing techniques.

PROGRAM PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, and/or CAP (Choices Ability Profiler). See an admission advisor for more information.

Special emphasis will be placed on customer service and life skills training. The curriculum includes an 80 hour externship.

COURSE	CLOCK HOURS
KDFO 0110 Beginning Keyboarding	12
KDFO 0160 Keyboard Skill Building	48
KDFO 0150 Customer Service/Life Skills	60
KDFO 0140 Computer Concepts/Windows	30
KDFO 0190 Dental Terminology	20
KDFO 0170 Word Processing Core	35
KDFO 0220 Dental Coding	30
KDFO 0240 Dental Scheduling/Billing	35
KDFO 0290 Employment Workshop	15
KDFO 0230 Dental Office Procedures	15
KDFO 0280 Dental Cooperative Externship	80
TOTAL	330-370

MEDICAL CODING AND BILLING^{CTE} CERTIFICATE OF COMPLETION

PROGRAM DESCRIPTION

This program prepares students to work in the outpatient medical coding areas of hospitals, larger medical clinics, and doctors' offices. It provides basic clerical training in computer concepts, Windows, Internet, e-mail, keyboarding/skill building, word processing, ten-key, medical filing, medical terminology, medical accounting/patient scheduling software, outpatient coding, and spreadsheets. Special emphasis is placed on customer service and life skills.

Students will complete a 100 contact-hour course which covers the concepts needed for the CPC-A (Certified Professional Coders-Apprenticeship) national certification exam offered by the AAPC (American Academy of Professional Coders) or the CCS-P (Certified Coding Specialist-Physician-Based) exam offered by AHIMA (American Health Information Management Association). This curriculum includes an 80-hour cooperative externship at a medical facility.

Upon completion of this program, students can advance their education and training in medical coding in preparation for national certification examinations by taking the MA 2310 course offered by the Medical Assistant Department (957-4090) at Salt Lake Community College.

To receive a Skills Center certificate of Completion, the overall average score of all classes combined must be 80% or better.

Students must complete any OIS Program they are currently enrolled in before they will be considered as a candidate for the Outpatient Coding Program. Students are encouraged to take new classes as Specific Interest classes once they have completed the program in which they are currently enrolled.

Students must meet the higher admission testing requirements before enrolling in the Medical Coding Procedures Program.

The CCS-P or CPC-A national certification exams are not required for successful completion of the program.

CERTIFICATIONS

After completing this program, students may apply to sit for the CPC-A (Certified Professional Coders - Apprentice) exam offered by the American Academy of Professional Coders (AAPC) and/or the CCS-P (Certified Coding Specialist - Physician-Based) exam offered by the American Health Information Management Association (AHIMA). Students may apply for either of these national coding certification exams by applying at <http://www.aapc.com> or <http://www.ahima.org>. The cost of the CPC-A exam including AAPC student membership is \$320 (subject to change). The exam may be taken twice for this price. The cost of the CCS-P exam including AHIMA student membership is \$335 (subject to change).

PROGRAM COURSES

COURSE	CLOCK HOURS
KMCP 0110 Beginning Keyboarding	12
KMCB 0165 Keyboard Skill Building	103
KMCP 0150 Customer Service/Life Skills	60
KMCP 0140 Computer Concepts/Windows	30
KMCP 0130 Ten-Key	30
KMCP 0170 Word Processing (MS Word Core)	35
KMCP 0200 Medical Filing	15
KMCP 0190 Medical Terminology	30
KMCP 0210 Anatomy/Medical Coding, Billing	40
KMCP 0240 Medical Accounting/Patient Scheduling Software	35
KMCP 0220 ICD-9 Coding	30

KMCB 0235 Advanced Medical Coding (CPT/HCPCS)	100
KMCB 0285 Cooperative Externship	80
KMCP 0290 Employment Workshop	15
KMCB 0180 Medical Business Communications	50
KMCB 0300 Spreadsheets (Core)	35

TOTAL**700**

OFFICE INFORMATION SYSTEMS

ACCOUNTING CLERK^{CTE} CERTIFICATE OF COMPLETION

Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen; Shirlene Luke; Sally Williams, CPC
Assistant Professor: Vonadean McFarland

South City Campus and Tooele Education Center

The Accounting Clerk Program enables students to develop entry-level skills in the office accounting and/or bookkeeping areas. The most up-to-date tools necessary for securing and maintaining employment are emphasized throughout the program. Emphasis is placed on standard accounting office procedures, including presentation software (MS PowerPoint), team skills and activities and exposure to other software packages, including MS Outlook. Secretarial accounting, computer-based accounting principles (Quickbooks), ten-key, keyboard skill building, speed and accuracy, customer service/life skills, spreadsheets (MS Excel) and word processing (MS Word) are also emphasized. Business communication skills are also included in the curriculum.

COURSE	CLOCK HOURS
KACK 0110 Beginning Keyboarding	12
KACK 0130 Ten-Key	40
KACK 0140 Computer Concepts/Windows	45
KACK 0150 Customer Service/Life Skills	60
KACK 0160 Keyboard Skill Building	113
KACK 0170 Word Processing (MS Core)	35
KACK 0180 Business Communications	60
KACK 0190 Presentations (Power Point Core)	30
KACK 0200 Spreadsheets (MS Excel Core)	35
KACK 0210 Spreadsheets (MS Excel Expert)	35
KACK 0220 Accounting (Modules 1 and 2)	120
KACK 0230 Accounting Office Procedures	15
KACK 0240 Computer-Assisted Accounting	35
KACK 0250 Quick Books	65
KACK 0290 Employment Workshop	15

TOTAL HOURS**715**

CUSTOMER SERVICE/^{CTE} RECEPTIONIST CERTIFICATE

Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen; Shirlene Luke; Sally Williams, CPC

South City Campus and other sites as needed

This program provides basic training in keyboarding skill building, data entry, ten-key calculator, computer concepts, Windows, Internet, and e-mail. The course also teaches telephone etiquette, professionalism, business communication skills, and introduction to word processing (MS Word). Special emphasis is given to customer service and life skills training. Students learn to use assertive skills and problem solving to provide quality customer service.

To receive a Skills Center Certificate of Completion, the overall average score of all classes combined must be 80% or better.

Students must complete any OIS program they are currently enrolled in before they will be considered as a candidate for the Customer Service/Receptionist Program. Students are encouraged to take new classes as specific interest classes once they have completed the program in which they are currently enrolled.

COURSE	CLOCK HOURS
KCSR 0110 Beginning Keyboarding	12
KCSR 0120 Data Entry	15
KCSR 0130 Ten-Key	30
KCSR 0140 Computer Concepts/Windows	35
KCSR 0150 Customer Service/Life Skills	60
KCSR 0160 Keyboard Skill Building	68
KCSR 0170 Intro to Word Processing (MS Word*)	30
KCSR 0180 Business Communications	35
KCSR 0290 Employment Workshop	15
TOTAL HOURS	300

OFFICE CLERK^{CTE} CERTIFICATE OF COMPLETION

Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen; Shirlene Luke; Sally Williams, CPC

South City Campus and other sites as needed

The Office Clerk Program enables students to develop entry-level skills in the computer/office occupations area. The most up-to-date tools necessary for securing and maintaining employment are emphasized throughout the program. Emphasis is placed on keyboarding skill building, ten-key calculator skills, computer concepts, Windows, Internet, and e-mail. Further emphasis is placed on Microsoft Office subjects including spreadsheets (MS Excel*), word processing (MS Word*), and presentations (PowerPoint*). Students learn business communications skills, QuickBooks, and business office procedures. A special emphasis is given to customer service and life skills training.

To receive a Skills Center Certificate of Completion, the overall average score of all classes combined must be 80% or better.

Students must complete any OIS program they are currently enrolled in before they will be considered as a candidate for the Office Clerk Program. Students are encouraged to take new classes as specific interest classes once they have completed the program in which they are currently enrolled.

Students who wish to transfer from other OIS programs to Office Clerk, must meet the higher admission testing requirements before enrolling.

Prior hours from the other OIS programs will not be applied to the Office Clerk program.

Students transferring from the General Clerk program will be required to retake competency tests if more than three months have lapsed since the student left the General Clerk program.

Students who have completed 150 hours or more of the Office Clerk program cannot transfer to smaller programs that are not Pell eligible such as the Customer Service/Receptionist program.

COURSE	CLOCK HOURS
KOFC 0110 Beginning Keyboarding	12
KOFC 0130 Ten-Key	40
KOFC 0140 Computer Concepts/Windows	45
KOFC 0150 Customer Service/Life Skills	60
KOFC 0160 Keyboard Skill Building	108
KOFC 0170 Word Processing (MS Word Core*)	35
KOFC 0175 Word Processing (Word Expert*)	35
KOFC 0180 Business Communications	80

KOFC 0190 Presentations (PowerPoint Core*)	30
KOFC 0200 Spreadsheets (MS Excel Core*)	35
KOFC 0210 Spreadsheets (Excel Expert)	35
KOFC 0220 QuickBooks	65
KOFC 0230 Office Procedures	15
KOFC 0290 Employment Workshop	15

TOTAL HOURS 610

*Microsoft Word Core and Expert, Excel Core and Expert and PowerPoint Core cover concepts needed for the Microsoft MOS certification tests.

OFFICE SPECIALIST^{CTE} CERTIFICATE OF COMPLETION

Tooele Education Center

Associate Professor: Vonnadean McFarland

The Office Specialist program enables students to develop entry-level skills in the computer/office occupations area. The most up-to-date tools necessary for securing and maintaining employment are emphasized throughout the program. Several courses in this program will help students prepare for tests leading to Microsoft Office Specialist certification. Classes include: keyboard/skill building, computer concepts, Windows, Internet, e-mail, ten-key calculator, business English, word processing (MS Word), spreadsheets (MS Excel), customer service, employment workshop, and electives: database (MS Access), presentations (MS PowerPoint), accounting, computer-assisted accounting (QuickBooks), and medical terminology.

COURSE	HOURS
KOIS 0130 Ten-Key Calculator	40
KOIS 0140 Computer Concepts/Windows	60
KOIS 0155 Customer Service	20
KOIS 0160 Keyboard Skill Building	160
KOIS 0170 Word Processing (MS Word)	125
KOIS 0185 Business English	85
KOIS 0215 Spreadsheets (MS Excel)	125
KOIS 0290 Employment Workshop	15

ELECTIVES TO TOTAL	160
KOIS 0225 Accounting	(50-160)
KOIS 0240 Presentations (MS PowerPoint)	(35)
KOIS 0255 Database (MS Access)	(50-100)
KOIS 0270 Medical Terminology	(30)
KOIS 0280 Computer-Assisted Accounting	(70)

TOTAL HOURS 790

**For a Certificate of Completion, students must complete at least one elective and may take as many electives as they like as long as the combined total hours do not exceed 160.

SKILLED TRADES

AIR-CONDITIONING/HEATING/^{CTE} REFRIGERATION CERTIFICATE OF COMPLETION

Instructor: George Lange

Meadowbrook Campus

This is an entry-level program for prospective technicians. The program consists of four phases:

1. Electrical theory and hands-on using trainers and practical applications,
2. Gas-fired appliances such as furnaces and heaters, theory and hands-on experience,

- Refrigeration theory and hands-on experience with domestic refrigeration. During the third phase, students learn how to braze using different types of low and medium heat solder and brazing rods,
- Light commercial theory and hands-on experience working on walk-in boxes, reach-in boxes, low and medium temperature, central air conditioning systems--both domestic and light commercial (roof top) and heat load calculations for domestic and light commercial applications.

Students who successfully complete this program may wish to continue their career opportunities by completing the AAS degree in Heating, Ventilation, and Air Conditioning with SLCC. See the program's academic advisor for details on how this training can be applied toward completion of the AAS degree.

CERTIFICATION

Students will be required to take the EPA Certification test as a component of the program. Cost for the study booklet and test is payable to ESCO Institute (\$77.95, subject to change). Although not required for successful completion, students are given the basic information needed to take the Rocky Mountain Gas Association Certification test. Students must devote additional outside study in order to pass this rigorous certification test.

COURSE	CLOCK HOURS
KACC 0115 Fundamentals of Electricity	220
KACC 0140 Gas Fired Appliances Theory	100
KACC 0125 Fundamentals of Refrigeration	220
KACC 0150 Domestic Refrigeration	100
KACC 0135 Commercial Refrigeration	170
KACC 0160 Air Conditioning Systems	50
KACC 0170 Heat Load Calc. and EPA Test	100
KACC 0290 Employment Workshop	0-10
TOTAL HOURS	960

BRICK AND BLOCK MASON^{CTE} PRE-APPRENTICESHIP

The Department of Workforce Services (DWS) identified Brick and Block Mason as one of Utah's Five Star occupations. This means that there is a labor shortage in this area and that wages for employees in this area are higher than average. Brick and block masons lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures.

This competency-based program is designed to teach students the fundamentals of the job by giving them extensive hands-on practices in the classroom and on a project site. At the end of this program, students are encouraged to strengthen and hone their skills by enrolling in the Apprenticeship program while they work.

PREREQUISITES

Students will be required to participate in the SLCC random drug testing program while enrolled. Student testing positive for controlled substances at the initial testing or as a result of being selected randomly from the pool will be dismissed from the program. The student must show proof of successful completion of a qualified drug rehabilitation program before being allowed to re-enroll in the program. (For more information on the Salt Lake Community College drug testing program, please contact the Skills Center Director of Student Services at 957-3346.)

COURSE	CLOCK HOURS
KBRK 0100 Brick and Block Mason	300
KBRK 0290 Employment Workshop	0-10
PROGRAM TOTAL	300

DIESEL SYSTEMS TECHNOLOGY^{CTE} CERTIFICATE OF COMPLETION

(FORMERLY HEAVY DUTY MECHANICS)

Assistant Professors: Keith Knavel, Mark Kranendonk
Adjunct Instructor: Bruce Wayman

Meadowbrook Campus

Students learn the entry-level skills needed to maintain and repair equipment such as diesel trucks, buses, and construction equipment, including bulldozers, earth movers, and cranes. Students learn through hands-on training using the most current and up-to-date engines and chassis possible. Students also learn how to use diagnostic equipment such as the dynamometer, which measures engine power, and special fuel injection equipment. During summer term, students take Welding and prepare for the Class A Commercial Driver's License.

NOTE: Students who successfully complete this program may wish to continue their career opportunities by completing the AAS degree in Diesel Systems Technology with SLCC. See the program's Academic Advisor for details on how this training can be applied toward completion of the AAS degree.

COURSE	CLOCK HOURS
KDST 0340 Safety/Basic Diesel Theory	25
KDST 0350 Safety/Basic Diesel Lab	100
KDST 0360 Safety/Basic Eng Perform Th	25
KDST 0370 Safety/Basic Eng Perform Lab	100
KDST 0440 Preventive Maint. Brake Th	25
KDST 0450 Preventive Maint Brake Lab	100
KDST 0460 Prevent. Maint. Elect. Theory	25
KDST 0470 Prevent. Maint. Elect. Lab	100
KDST 0540 Drivetrains/Gear Drives Theory	25
KDST 0550 Drivetrains/Gear Drives Lab	100
KDST 0560 Drivetrains/Fluid Drives Theory	25
KDST 0570 Drivetrains/Fluid Drives Lab	100
KDST 0245 Welding	182
KPDR 0240 Vehicle Inspection	8
KPDR 0430 Backing Skills	20
KPDR 0440 Shifting Skills	12
KPDR 0450 Driving Experience	24
KPDR 0460 Safe Driving Observation	64
KDST 0290 Employment Workshop	0-10
PROGRAM TOTAL	1060

FORK LIFT TRAINING^{CTE} CERTIFICATE

This program is designed for people who would like to learn the basic fundamentals of moving materials with forklifts, pallet jacks, electric jacks, and other similar pieces of equipment. According to OSHA regulations, the Skills Center may not certify students on forklifts; employers must certify their employees on the specific equipment in use at the company. Students will earn a Certificate of Achievement for successfully completing this 8 hour course.

COURSE PREREQUISITES

Minimum Age: 18
Must have valid driver's license

COURSE	CLOCK HOURS
KFKL 0250 Fork Lift Training	8
PROGRAM TOTAL	8

MACHINIST CERTIFICATE^{CTE}

Machinists have been identified as one of Utah's Five Star occupations by the Utah Department of Workforce Services (DWS). This means that there is a labor shortage in this area and that the wages are higher than average. The need for replacements, rather than growth in numbers, is projected to make up the majority of job opening for this occupation. The occupational description of a machinist is an individual able to set up and operate a variety of machine tools to produce precision parts and instruments. Included are precision instrument makers who fabricate, modify, or repair mechanical instruments. Employment may also include fabricating and modifying parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, shop mathematics, metal properties, layout, and machining procedures.

The Machinist program is competency-based. This means that students will learn through hands-on practice the skills needed for entry-level employment. Students will begin the program by learning the safety requirements needed on the job. Instruction will continue with applied math and blue print reading. Students will learn to operate lathes, mills, and grinders, all the while learning to assess the quality of the projects they produce.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, and/or CAP (Choices Ability Profiler). See an admission advisor for more information.

COURSE	CLOCK HOURS
KMAT 0100 Shop Safety	5
KMAT 0150 Work Ethics	5
KMAT 0200 Machine Tools	40
KMAT 0300 Shop Math	40
KMAT 0350 Blue Print Reading	40
KMAT 0400 Metals	40
KMAT 0500 Lathe	100
KMAT 0600 Milling	100
KMAT 0700 Grinding	40
KMAT 0800 Quality Assurance	40
KMAT 0290 Employment Workshop	0-10
PROGRAM TOTAL	450

PROFESSIONAL TRUCK DRIVING CERTIFICATES^{CTE}

Instructors: Rick Dalton, Al Drechsel

The Professional Truck Driving Department offers a variety of training options for students wishing to work in the transportation industry. All students must participate in a random drug-testing program either through SLCC or, if company sponsored, through the company's drug-testing program. People between the ages 18 or older may obtain a CDL for driving within the state of Utah (intra-state). People over 21 years of age may obtain a CDL for driving between the 50 states (interstate). When hiring, most companies, for insurance reasons, require applicants to be 23 years of age. Most Diesel Systems Technology Technicians working in the field are required to have a CDL driver's license.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, and/or CAP (Choices Ability Profiler). See an admission advisor for more information.

Motor Vehicle Report (MVR) for current driving record, available from Driver's License Division, with no DUIs within the past two years; current Department of Transportation (DOT) medical card available from personal physician or health clinic; participation in a random drug testing program; Class A CDL learner's permit. If a student fails a drug test at anytime during the program, the student will be immediately dismissed. In order to re-enroll in a truck driving program, the student must verify successful completion of a mutually agreed upon drug rehabilitation program in consultation with the Skills Center Director of Student Services.

SPECIAL REQUIREMENTS

Most companies require drivers to show an ability to lift at least 75 pounds and be able to pass a background check.

DEPENDENT ON THEIR NEEDS AND EXPERIENCES, STUDENTS ARE GIVEN THE FOLLOWING TRAINING CHOICES:

280-HOUR PROGRAM CERTIFICATE

With this option, students begin by studying for the CDL written test needed to obtain a Commercial Driver's License (CDL) learner's permit. Once the Learner's permit is obtained, the student receives further classroom, shop and lab instruction, which introduces them to the vehicle and trailer inspections and minor repairs. Students receive intensive behind-the-wheel instruction including backing skills, safety, and extreme driving conditions. An integral part of this instruction is the life skills component, which introduces students to life on the road and map reading. Students will also receive instruction in safely loading and unloading cargo, including an introduction to fork-lift and pallet-jack operation. Students are also given the choice of completing a cooperative externship/internship with a local driving company or honing their driving experience with the department instructor. Students will also participate in an employment workshop.

COURSES	CLOCK HOURS
KPDR 0210 CDL Written Test Preparation	16
KPDR 0220 Log Books/Map Reading	10
KPDR 0230 Life Skills for Drivers	8
KPDR 0240 Vehicle Inspections	8
KPDR 0250 Loading/Off-Loading Safety	8
KPDR 0260 Vehicle Maintenance	32
KPDR 0270 Backing Skills	32
KPDR 0280 Shifting Skills	14
KPDR 0300 Introductory Driving Experience	14
KPDR 0310 Safe Driving Observations	98
KPDR 0290 Employment Workshop	0-10

ELECTIVES (CHOOSE ONE):

KPDR 0320 Local Driving Externship	(40)
KPDR 0330 Extended Driving Experience	(40)

TOTAL PROGRAM HOURS	280
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160-HOUR PROGRAM CERTIFICATE

This shorter program is designed for people who have had experience driving professionally in the past (Class A or B license) and/or who have obtained their CDL learner's permit. Instruction includes introduction to professional driving, vehicle inspection on tractor and trailers, over-the-road instruction, control systems and maneuvering skills, and safety.

COURSES	CLOCK HOURS
KPDR 0400 Log Books/Map Reading	8
KPDR 0410 Life Skills for Drivers	8
KPDR 0240 Vehicle Inspections	8
KPDR 0420 Vehicle Maintenance	16
KPDR 0430 Backing Skills	20
KPDR 0440 Shifting Skills	12
KPDR 0450 Driving Experience	24

SKILLS CENTER

KPDR 0460	Safe Driving Observation	64
KPDR 0290	Employment Workshop	0-10
TOTAL PROGRAM HOURS		160

120-HOUR PROGRAM CERTIFICATE

This program is designed to give students sponsored by companies backing skills, over-the-road driving practice, shifting, and other skills required by their employer. It includes the CDL road test.

COURSES			CLOCK HOURS
KPDR	0400	Log Books/Map Reading	8
KPDR	0410	Life Skills for Drivers	8
KPDR	0240	Vehicle Inspections	8
KPDR	0420	Vehicle Maintenance	16
KPDR	0430	Backing Skills	20
KPDR	0440	Shifting Skills	12
KPDR	0450	Driving Experience	24
KPDR	0560	Safe Driving Observation	24
TOTAL PROGRAM HOURS			120

COURSE		CLOCK HOURS
KWLD 0115	Intro to Welding and Lab Safety	10
KWLD 0125	Oxy-acetylene (OAW)	100
KWLD 0135	Shielded Metal Arc (SMAW)	360
KWLD 0145	Gas Metal Arc (GMAW)	160
KWLD 0165	Blueprint Reading for Welders	100
KWLD 0170	Flux Cored Arc (FCAW)	170
KWLD 0180	Gas Tunsten Arc (GTAW)	140
KWLD 0190	Math for Welders	100
KWLD 0290	Employment Workshop	0-10
TOTAL HOURS		1140

COMMERCIAL DRIVER'S LICENSE (CDL) UPGRADE

This course helps people who have had previous truck driving experience prepare for the CDL road test. Individuals interested in the course must have all the required documents: a current driving record (no DUIs within the past two years), a CDL license or learner's permit, and a current Department of Transportation (DOT) medical card. Individuals must be willing to participate in the SLCC random drug testing program.

PREREQUISITES

- Previous Class A or B driving experience required
- Current driving record (no DUIs within the past two years) CDL license or learner's permit
- Current Department of Transportation (DOT) medical card
- Participation in a random drug testing program.
- Meet with the Truck Driving Department coordinator to determine the number of training hours needed.

WELDING^{CTE} CERTIFICATE OF COMPLETION

Redwood Road Campus

Students enrolled in this program are provided with opportunities to learn entry-level-job skills in the welding processes most commonly used in today's industries. Instruction and practice are provided in oxy-acetylene, shielded-metal-arc, gas-metal-arc, flux-cored-arc and gas-tungsten-arc welding. Theory and applications of these processes are also taught, encompassing both ferrous and non-ferrous metals. Safety and safe practices are emphasized throughout the program. Additional instruction is provided in mathematics for welding and blueprint reading. Students will have the opportunity to learn techniques for welder performance qualifications and certification testing. Thermal cutting and gouging techniques using oxy-fuel, plasma-arc and arc-air processes are also covered.

Enrollment is also available for students with specific interests. For example, students may wish to improve their job skills by upgrading their competencies in specific welding processes or application or prepare for AWS, ASME, API performance certifications. For these types of activities, students may meet with an instructor to determine the number of scheduled hours needed before enrolling.

SPECIAL REQUIREMENTS

Prospective students should have good eyesight (corrected vision is satisfactory), finger dexterity, good eye-hand coordination, and be in good physical condition (able to lift 50 lbs. minimum.)

COURSE ABBREVIATIONS**COURSE DESCRIPTIONS**

For specific student learning outcomes and assessments for individual **PROGRAMS**, please go to: <http://www.slcc.edu/curriculum/programs>. Find the degree and program name on the list and click to read about it.

For specific student learning outcomes and assessments for individual **COURSES**, please go to: <http://www.slcc.edu/curriculum/courses>. Find the course prefix and number on the list and click to read about it.

COURSE ABBREVIATIONS

COURSE NUMBERING INFORMATION

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ACCT	ACCOUNTING	EBT	e-BUSINESS TECHNOLOGY, SEE DIGITAL MEDIA TECHNOLOGY
ACR	AUTO COLLISION REPAIR	ECON	ECONOMICS
ACRA	AUTO COLLISION REPAIR APPRENTICESHIP	EDDT	ENGINEERING DESIGN/DRAFTING TECHNOLOGY
AERO	AEROSPACE (AIR FORCE ROTC)	EDU	PRE-TEACHER EDUCATION
AMTT	AVIATION MAINTENANCE TECHNICIAN	EE	ELECTRICAL ENGINEERING
ANTH	ANTHROPOLOGY	ELA	ELECTRICAL JATC/APPRENTICESHIP
APPR	APPRENTICESHIP	ELEC	ELECTRICITY (SEE ELECTRICAL TECHNOLOGY)
AR	AUTO REPAIR	ELET	ELECTRONIC TECHNOLOGY
ARB	ARABIC	ELI	ELECTRICAL INDEPENDENT/APPRENTICESHIP
ARCH	ARCHITECTURE TECHNOLOGY	ELTA	ELECTRONICS/APPRENTICESHIP
ART	VISUAL ART AND DESIGN	ENGL	ENGLISH
ARTH	ART HISTORY	ENGR	ENGINEERING
ASLI	AMERICAN SIGN LANGUAGE/INTERPRETING	ENVT	ENVIRONMENTAL TECHNOLOGY
AUTO	AUTOMOTIVE TECHNICIAN	ESL	ENGLISH-AS-A-SECOND LANGUAGE (LEVEL 4)
		ETHS	ETHNIC STUDIES, SEE ALSO SW, SOCIAL WORK
BCCM	BUILDING CONSTRUCTION/ CONSTRUCTION MANAGEMENT	FA	FINE ARTS
BIOL	BIOLOGY	FASH	FASHION INSTITUTE
BLA	BRICK MASON/APPRENTICESHIP	FHS	FAMILY AND HUMAN STUDIES
BMA	BOILERMAKER JATC APPRENTICESHIP	FIN	FINANCE AND CREDIT
BRC	BARBERING/COSMETOLOGY	FLM	FILM
BTEC	BIOTECHNOLOGY	FRN	FRENCH
BUS	BUSINESS	GEOG	GEOGRAPHY
BWL	BOILERMAKER/WELDER/LAYOUT/APPRENTICESHIP	GEOL	GEOLOGY
		GER	GERMAN
CAPS	CARPENTRY APPRENTICESHIP (PRISON)	GIS	GEOGRAPHIC INFORMATION SCIENCE
CEEN	CIVIL/ENVIRONMENTAL ENGINEERING	HDEO	OPERATING ENGINEERS/APPRENTICESHIP
CEHT	HORTICULTURE TRAINING	HIS	HISTORY
CEIP	INSTITUTE OF PUBLIC SAFETY	HLAC	HEALTH AND LIFETIME ACTIVITIES
CERE	REAL ESTATE APPRAISAL	HLTH	HEALTH SCIENCE
CHE	CHEMICAL ENGINEERING	HSS	HUMAN SERVICES SPECIALIST
CHEF	CULINARY ARTS APPRENTICESHIP (FULL TIME)	HUMA	HUMANITIES
CHFA	CULINARY ARTS APPRENTICESHIP (PART TIME)	HVAC	HEATING, VENTILATION, AND AIR-CONDITIONING; SEE ALSO HEATING, COOLING, AND REFRIGERATION/APPRENTICESHIP AND KACC
CHEM	CHEMISTRY	IEC	INDEPENDENT ELECTRICAL CONTRACTORS/ APPRENTICESHIP
CHI	CHINESE	IND	INDUSTRY
CIS	COMPUTER INFORMATION SYSTEMS	INTD	INTERIOR DESIGN
CJ	CRIMINAL JUSTICE	INTL	INTERNATIONAL CULTURE
CMA	CEMENT MASONS JATC/APPRENTICESHIP	INST	INSTRUMENTATION
COMM	COMMUNICATION	INTA	INSTRUMENTATION APPRENTICESHIP
CPA	CARPENTRY JATC/APPRENTICESHIP	ISA	IRONWORKERS JATC/APPRENTICESHIP
CPI	CARPENTRY INDEPENDENT TECHNOLOGY/ APPRENTICESHIP	ITL	ITALIAN
CS	COMPUTER SCIENCE	JPN	JAPANESE
		JRN	JOURNALISM
DE	DEVELOPMENTAL EDUCATION	KABE	ADULT BASIC EDUCATION
DH	DENTAL HYGIENE	KABM	ABE - MATH
DIAL	DIALYSIS TECHNICIAN	KABR	ABE - READING
DANC	DANCE	KACC	AIR CONDITIONING/HEATING/REFRIGERATION
DST	DIESEL SYSTEMS TECHNOLOGY	KACK	ACCOUNTING CLERK
DSTA	DIESEL SYSTEMS TECHNOLOGY APPRENTICESHIP	KALL	INTEGRATED LEARNING LAB

COURSE ABBREVIATIONS

KBHR	BASIC HEALTH RECORDS
KCDL	CDL LEARNER'S PERMIT TEST PREPARATION
KCLB	COMPUTER LITERACY BASICS
KCMS	COMPUTER SUPPORT SPECIALIST (A+ CERTIFICATION)
KCSR	CUSTOMER SERVICE/RECEPTIONIST
KDEM	DATA ENTRY FOR MEDICAL BILLING
KDMM	SEE KDST
KDST	DIESEL SYSTEMS TECHNOLOGY
KELA	ELECTRONICS ASSEMBLY TECHNICIAN
KESL	ENGLISH AS A SECOND LANGUAGE (LEVELS 1-3)
KET2	ELECTRONICS TECHNICIAN
KGED	GED TEST PREPARATION
KGNC	GENERAL CLERK
KHUC	HEALTH UNIT CLERK/COORDINATOR
KLNA	LINUX NETWORK ADMINISTRATOR
KLSS	LINUX SUPPORT SPECIALIST
KMCP	MEDICAL CODING PROCEDURES
KMNA	NETWORK ADMINISTRATOR (MCSA)
KNAS	CERTIFIED NURSE ASSISTANT, SPANISH TO ENGLISH
KNEG	NETWORK ENGINEER (MCSE)
KNRS	CERTIFIED NURSE ASSISTANT
KOFC	OFFICE CLERK
KOIS	OFFICE SPECIALIST
KPDR	PROFESSIONAL TRUCK DRIVING
KTSS	TECHNICAL SUPPORT SKILLS
KWLD	WELDING
LAND	LANDSCAPE/APPRENTICESHIP
LE	LEARNING ENHANCEMENT
LOG	LOGISTICS MANAGEMENT
LST	LEGAL SECRETARY
LT	LIBRARY TRAINING
MA	MEDICAL ASSISTANT
MAA	MEDICAL ADMINISTRATIVE ASSISTANT
MAT	MANUFACTURING AND AUTOMATED TECHNOLOGIES
MATH	MATHEMATICS
MEEN	MECHANICAL ENGINEERING
MET	METEOROLOGY
MFEN	MANUFACTURING ENGINEERING
MGT	MANAGEMENT
MIL	MILLWRIGHTS JATC/APPRENTICESHIP
MKTG	MARKETING
MLS	MILITARY SCIENCE (ARMY ROTC)
MLT	MEDICAL LAB TECHNICIAN
MSE	MATERIALS SCIENCE ENGINEERING
MSI	MACHINIST/APPRENTICESHIP
MUSC	MUSIC
NAV	NAVAJO
NDT	NON-DESTRUCTIVE TESTING TECHNOLOGY
NSG	NURSING
OTA	OCCUPATIONAL THERAPY ASSISTANT
PE	SEE HLAC, HEALTH AND LIFETIME ACTIVITIES
PED	PARAEDUCATION
PFA	PLUMBER/PIPEFITTER JATC/APPRENTICESHIP
PFI	PLUMBER/PIPEFITTER INDEPENDENT/ APPRENTICESHIP
PHAR	PHARMACY TECHNICIAN

PHIL	PHILOSOPHY
PHYS	PHYSICS
PILT	FLIGHT TECHNOLOGY SEE AVIATION TECHNOLOGY/ PROFESSIONAL PILOT
PLI	PLUMBING INDEPENDENT/APPRENTICESHIP
PLS	PARALEGAL STUDIES
PMGT	PRODUCTION MANAGEMENT
POLS	POLITICAL SCIENCE
POR	PORTUGUESE
PSY	PSYCHOLOGY
PTA	PHYSICAL THERAPIST ASSISTANT
RADS	RADIOLOGIC TECHNOLOGY
RDG	READING
RFA	REFRIGERATION/APPRENTICESHIP
ROTC	(SEE MLS OR AERO)
RUS	RUSSIAN
SAM	SAMOAN
SCI	SCIENCE
SEVT	SMALL EQUIPMENT/VEHICLE TECHNOLOGY
SHA	STAGEHANDS JATC/APPRENTICESHIP
SLI	HEALTH INTERPRETING
SMA	SHEET METAL JATC/ APPRENTICESHIP
SOC	SOCIOLOGY
SPN	SPANISH
SURG	SURGICAL TECHNOLOGY
SVT	SURVEYING TECHNOLOGY
SW	SOCIAL WORK
TECH	TECHNOLOGY
TED	TEACHER EDUCATION
TELA	TELECOMMUNICATIONS/APPRENTICESHIP
TELE	TELECOMMUNICATIONS
THEA	THEATER
TNG	TONGAN
VOC	VOCATIONAL
WLD	WELDING
WLDA	WELDING/APPRENTICESHIP
WRTG	WRITING

COURSE NUMBERING INFORMATION

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a "1" generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a "2" generally indicate courses designed primarily for sophomores (such as MATH 2010); numbers beginning with a "0" are non-transferable (such as DE 0900.)

ACCT 1110	Financial Accounting I	3
An introduction to the concepts and methods underlying the preparation of financial statements using generally accepted accounting principles. Topics covered include the accounting cycle, cash and inventories.		
ACCT 1120	Financial Accounting II	3
Prereq: ACCT 1110 A continuation of concepts and methods used in the preparation of financial statements using generally accepted accounting principles. Topics covered include receivables, plant and equipment, liabilities, and business entities.		
ACCT 1280	Acctg. Information Systems I	3
Prereq: ACCT 1110, CIS 2410 or concurrent An applications approach to classifying, recording, summarizing and reporting transactions encountered in a typical business. Payroll and payroll tax reporting will also be emphasized using both manual and computerized systems.		
ACCT 2000	Accounting CO-OP Education	1-4
Prereq: Complete 2 semesters Accounting program Offers supervised work experience in an industrial or governmental environment related to accounting. Credit is awarded for successful completion of specific learning objectives that provide new learning related to accounting.		
ACCT 2010	Survey of Financial Accounting	3
A broad view of accounting's role in providing information to external users of financial information. The primary focus is the use of financial statements by investors, creditors and other entities outside of the organization.		
ACCT 2020	Managerial Accounting	3
Prereq: ACCT 1110 or ACCT 2010 & CIS 1020 or competency test A broad view of accounting's role in providing information to support the internal decision-making organization. The primary focus is management's use of accounting information.		
ACCT 2050	Governmental Accounting	3
Prereq: ACCT 1110 Covers essentials of fund accounting, the structure used by governments. Government-fund types, proprietary funds, fiduciary funds, fixed asset and long-term debt account groups, and budgeting for revenue funds are covered.		
ACCT 2310	Intermediate Accounting I	4
Prereq: ACCT 1280 Provides an in-depth study of financial theory and practice. Topics include the accounting cycle, financial statement preparation, revenue recognition and income determination, current assets, current liabilities and time value of money.		
ACCT 2410	Intermediate Accounting II	4
Prereq: ACCT 2310 A continuation of ACCT 2310. Topics include property, plant & equipment, investments, debt securities, leases, deferred taxes, stockholder's equity, accounting changes and error corrections, and financial statement analysis.		
ACCT 2510	Acctg. Information Systems II	3
Prereq: ACCT 1120 (or concurrent), ACCT 1280 A continuation of ACCT 1280 using a second fully integrated accounting package. The use of electronic spreadsheets in the accounting discipline will also be emphasized.		
ACCT 2520	Federal Income Tax	3
Prereq: ACCT 1120 or ACCT 2010. An introduction to federal and state income taxation for individuals, corporations and partnerships. The student will become familiar with current income tax laws and preparation of returns for the majority of taxpayers.		
ACCT 2530	Cost Accounting	3
Prereq: ACCT 1230 Covers the basic principles of cost accounting systems used in the manufacturing and service industries. Topics include job-order and process cost systems, activity-based costing methods, standard costing, budgeting and reporting.		
ACCT 2540	Accounting in Practice	3
Prereq: ACCT 2410 or concurrent w/ACCT 2410. Introduces the theoretical and practical applications of preparing accurate and complete accounting records and reports. Principles of internal control and generally accepted accounting principles will be emphasized by participation in relevant case studies.		
ACCT 2990	Current Topics in Accounting	1-3
Prereq: Variable to topic or project Presents a forum where students will be introduced to topics of current interest and demand in the field of accounting. Topics studied will vary from semester to semester. Special project is required		

ACR 1100	Metallurgy/Non-structural Rep	5
Prereq: Concurrent with ACR 1111 This is a lecture course covering ASE required tasks for non-structural parts collision repair. See ASE task list for more information.		
ACR 1111	Non-structural Skill/Appl Dev	7
Prereq: Concurrent with ACR 1100. This is a lab class for repairs of damaged non-structural parts. See ASE task list for more information. It concurs with ACR 1100 theory.		
ACR 1199	Specialty Training	1-7
Prereq: Previous SLCC training and industry experience. Industry specific training for Collision Repair Technicians.		
ACR 1200	Structural Parts Repair Lec	5
Prereq: ACR1100, ACR1111, concurrent w/ACR1200. This is a lecture course covering repairs of structural collision damaged parts. See ASE task list for more information.		
ACR 1211	Structural Damage Repair	7
Structural skill and application development Lab covering ASE task list requirements. See ASE task for more information		
ACR 1299	Specialty Training	1-7
Industry specific specialized training. This course is taught as requested by industry.		
ACRA 1110	Auto Collision Repair IA	5
This course includes estimate interpretation and beginning repair methods. Course uses ASE task list and I-CAR Advanced Technician curriculum.		
ACRA 1120	Auto Collision Repair IB	5
Prereq: ACRA 1110 Basic outer body panel repairs and replacement. Frame repair and replacement, measuring devices. MIG welding qualification test, steering, and suspension. Course follows ASE Task List and I-CAR Advanced Technician curriculum.		
ACRA 1210	Auto Collision Repair IIA	5
Includes the use of technical manuals, specification manuals, and various types of measuring equipment used to align or replace structural parts. Basic refinishing skills will also be taught.		
ADP 2410	Admin. Office Support Systems	3
Prereq: Complete qualifying questionnaire. Course covers everything needed to be an effective Admin Pro in today's workforce. Topics include communication skills, handling & storing info, time & stress management, data processing, and management & professional development.		
AERO 1010	Foundations of USAF I	1
Prereq: Concurrent with AERO 1110 This course focuses on development, organization and doctrine of the United States Air Force, emphasizing strategic force requirements.		
AERO 1011	Foundations of USAF II	1
Prereq: Concurrent with AERO 1111 This class analyzes the development and organization of the United States Air Force, defensive forces, general purpose forces and tactical air forces.		
AERO 1110	General Mil. Ldrshp Lab I	1
Prereq: Concurrent with AERO 1010 This course studies and reviews Air Force standards, customs and courtesies. Students are also introduced to drill and ceremonies in today's Air Force.		
AERO 1111	Gen. Mil. Ldrshp Lab II	1
Prereq: Concurrent with AERO 1011 This course studies and reviews Air Force standards, customs and courtesies. Students are also introduced to drill and ceremonies in today's Air Force.		
AERO 2010	Air Power History I	1
Prereq: Concurrent with AERO 2110 This course traces the development of various concepts of air power employment, emphasizing factors that have prompted research and technological change.		
AERO 2011	Air Power History II	1
Prereq: Concurrent with AERO 2111 This course further traces the development of various concepts of air power employment, emphasizing factors that have prompted research and technological change.		

COURSE DESCRIPTIONS

AERO 2110 General Mil. Ldrshp Lab III 1
Prereq: Concurrent with AERO 2010 This course prepares students to apply Air Force standards, customs and courtesies within this service branch. Drill and ceremonies leadership, along with an introduction to review and honors are discussed.

AERO 2111 General Mil. Ldrshp Lab IV 1
Prereq: Concurrent with AERO 2011 This course examines various Air Force standards, customs and courtesies. Drill and ceremonies leadership, introduction to review and honors also are discussed.

AMTT 1120 Aircraft Regulations 8
Prereq: Must be taken with AMTT 1140 when available Theory and practical application of maintenance forms and records, maintenance publications, fluid lines and fittings, mechanic privileges and limitations, cleaning and corrosion control, weight and balance, and aircraft drawings.

AMTT 1140 Aircraft Electrical/Hardware 8
Theory and practical application of basic physics, materials and processes, ground operation and servicing, and basic electricity.

AMTT 1160 Aviation Technician Math 3
This course teaches the mathematical computations and concepts applicable to the aviation industry and based on FAA regulations.

AMTT 1220 Airframe Systems I 8
Prereq: AMTT 1120, AMTT 1140 Theory and practical application of sheet metal, aircraft finishes, wood structures, aircraft covering, and welding.

AMTT 1240 Airframe Systems II 8
Prereq: AMTT 1120, AMTT 1140 Theory and practical application of communication and navigation, aircraft electrical systems, aircraft fuel systems, assembly and rigging, and fire protection systems.

AMTT 1260 Airframe Systems III 8
Prereq: AMTT 1120, AMTT 1140 Theory and practical application of hydraulic and pneumatic systems, cabin atmosphere control systems, ice and rain control systems, aircraft landing gear, position & warning systems, and aircraft instrument systems.

AMTT 2320 Airframe Inspection 8
Prereq: AMTT1120, AMTT1140, AMTT1220, AMTT1240, AMTT1260 Theory and practical application of reciprocating engine principles, engine exhaust and reverser systems, induction and engine airflow, engine fire protection systems, engine instruments, engine cooling, and airframe inspection.

AMTT 2340 Powerplant Systems 8
Prereq: AMTT 1120, AMTT 1140 Theory and practical application of fuel metering, engine electrical systems, ignition and starting systems, engine fuel systems, and lubrication systems.

AMTT 2420 Reciprocating Engines 8
Prereq: AMTT 1120, AMTT 1140 Theory and practical application of reciprocating engines, and propellers.

AMTT 2440 Powerplant Inspection 8
Prereq: AMTT1120, AMTT1140, AMTT2320, AMTT2340, AMTT2420 Theory and practical application of turbine engines, unducted fans, auxiliary powerplants, and engine inspection.

AMTT 2990 Special Studies 1-5
Prereq: Instructor's Approval Theory and practical application of a specific subject area taken within a course to complete program or license requirements.

ANTH 1010 Culture & Human Experience (ID) 3
This course offers an introduction to the field of anthropology, a study of diverse living peoples throughout the world. Emphasis is on understanding the similarities and differences of diverse cultures.

ANTH 1030 Intro to Archaeology (ID) 3
This course offers an introduction to modern archaeological techniques, methods and theories.

ANTH 1500 Field Experience 1-2
A formal field-based intro to historic and prehistoric cultures. The issues of archaeological resource preservation will be discussed. The relationship of anthropology to other scholarly disciplines will be presented & illustrated.

ANTH 1900 Special Studies-Anthropology 1-3
This course is designed to explore special topical and/or subjects related to the study of anthropology. The course should be considered a more specialized and individualized learning experience in an area of anthropology.

ANTH 2011 People & Cultures of SW (HU) 3
This course offers an introduction to the diverse peoples of the American Southwest. The course will examine the cultures of the Hopi, Navajo and Ute people.

ANTH 2500 Field School 1-4
A formal field-based intro to the historic and prehistoric cultures and the techniques of field work anthropologists & other scholars use to generate knowledge about cultures. Includes basic arch, survey/excavation techniques, recordation techniques, and the collection of artifacts.

ANTH 2900 Special Topics in Anthropology 1-3
The course is an intermediate field techniques course, designed to advance student knowledge of survey, excavation, recordation and field- work organization.

APPR 1470 Math for the Trades 5
This is a customized course in applied mathematics for the trades including algebraic and trigonometric functions.

AR 1100 Automotive Refinishing 5
Prereq: Concurrent with AR 1111 Lecture class covering surface preparation and application of undercoats and top coats including single and two paint systems. See ASE task list for further information.

AR 1111 Refinishing Skill Development 7
Prereq: Concurrent with AR 1100 Skill development of surface prep and painting competencies. Lab class covers ASE task requirements.

AR 1199 Specialty Training 1-7
Industry specific training for refinishers. Class is taught at the request of industry.

AR 1200 Advanced Auto Refinishing 5
Prereq: AR 1100, AR 1111 w/AR 1211 This is a theory course for advanced refinishing procedures and techniques including color matching and multi-stage finishes. See ASE task list for more information.

AR 1211 Advanced Skill Development 7
Prereq: AR 1111, AR 1100 with AR 1200 This is a lab class to develop skills in advanced painting and finishing competencies. See ASE task list for more information.

AR 1230 Auto Color and Design Theory 2
Airbrush theory and Lab covering image of color in design and lettering techniques.

AR 1299 Spec. Trng./Auto Refinishing 1-7
Prereq: Previous SLCC training and industry experience. Industry specific training for Automotive Refinishers.

AR 1100 Automotive Refinishing 5

ARB 1010 Beginning Arabic I 5
The first in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

ARB 1020 Beginning Arabic II (LN) 5
Prereq: ARB 1010, or instructor's approval The second in a four-course series focusing on five skills: listening speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

ARB 1300 Beginning Conversation/Arabic 1
Prereq: ARB 1010, or instructor's approval Beginning Arabic Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

ARB 1900 Special Studies in Arabic 1-2
Prereq: instructor's approval Students plan areas of study, service learning or travel & work with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

ARB 2010 Intermediate Arabic I 4
Prereq: ARB 1020 The second year of Arabic focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

ARB 2020 Intermediate Arabic II 4
Prereq: ARB 1020, or instructor's approval The second year of Arabic focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

ARB 2300 Intermediate Conversation 1
Prereq: ARB 1020, or instructor's approval Intermediate Arabic Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

ARB 2900 Special Topics in Arabic 1-3
This is a course designed by faculty which allows students to explore specific interests in Arabic language and culture. Lab attendance required. May be repeated for credit.

ARCH 1010 Intro. to Design Professions 3
The study of the roles that designers play in society & what job markets are available in the areas of architecture, CAD, construction management, architectural history, landscape architecture, and interior design.

ARCH 1100 Intro. to Arch. Drawing 3
Students will learn to design and produce architectural drawings used in residential projects. Practical hand drafting skills in the production of floor plans, sections, details, elevations and schedules.

ARCH 1120 Civil Drafting 3
Prereq: ARCH 1320 The study of the various types of civil drafting: plats, cadastral maps, contour maps, profiles, road design, cut-and-fill and site layout. Includes mapping terminology symbols and standard formats. Taught using MicroStation.

ARCH 1130 Basic Drawing 3
Practical skills in the fundamentals of drawing and freehand sketching. Graphic media such as pencil, pen, charcoal and ink will be explored. Instruction will focus on the use of light, shadow, texture, contour and form.

ARCH 1210 Residential Construction 5
Prereq: ARCH 1010, ARCH 1310 Residential construction techniques are analyzed from site planning to finish construction. Building codes, estimating, and specifications are discussed as they relate to methods and materials of residential construction common to Utah.

ARCH 1310 Intro. to AutoCAD 3
Prereq: Computer literacy or instructor's approval Students gain the practical knowledge in the use of AutoCAD that is essential in producing architectural drawings. This course includes hands-on applications. Simple drawings will be produced.

ARCH 1320 Basic MicroStation 2
This course teaches drafting skills using MicroStation CAD system. Geometric construction, projection, dimensioning, sectioning, software set-up and directory organization will be discussed.

ARCH 1350 Computer Graphics 3
Prereq: Computer Literacy or instructor's approval Studies include the manipulation of scanned and digital images, desktop publishing, digital presentations and web page designs. Various computer software will be used to promote the ideas and designs of architects and designers.

ARCH 1510 Architectural Design Workshop 3
Prereq: ARCH 1130 or concurrent This course will develop visual awareness & basic abstract design principles. Balance, symmetry, repetition, order variety, uniformity, proportion, motif and color will be introduced with various generic and abstract projects.

ARCH 2060 Construction Documents 3
Prereq: ARCH 1010 or instructor's approval. Provides the foundation required for the interpretation of construction documents Including drawings & specifications. This course prepares students for CSI's Construction Document Technician Examination.

ARCH 2140 Steel Detailing 4
Prereq: ARCH 2220 Studies include calculating loads and stresses on simple steel structures, design connections, and detail drafting required for fabrication. Students will learn appropriate safety factors and industry standards.

ARCH 2150 Architectural Graphics 3
Prereq: ARCH 1130 Course explores the preferred hand presentation techniques used with both two- & three-dimensional drawings in the arch. design. Students will experience the jury process, peer review & learn skills needed to prepare portfolios.

ARCH 2210 Commercial Construction 5
Prereq: ARCH 1210 or BCCM 1010 Basic materials and installation methods for commercial construction are studied. These include site work, concrete, masonry, curtain-walls, steel, doors, window finishes, and an overview of codes.

ARCH 2220 Building Structures I 3
Prereq: MATH 1010 or instructor's approval. The study of wood and steel as structural elements in building systems. Students will learn the structural characteristics of steel & wood, calculate loads, & size joists, beams, girders and columns.

ARCH 2240 Applied Structures 4
A survey of the fundamental principles, technology, and drawings related to building HVAC systems, electrical distribute, practices, artificial lighting systems, vertical transportation, w/ emphasis on the architects involvement; covers both residential/commercial applications.

ARCH 2310 Modeling/Rendering/Animation I 3
Prereq: ARCH 1310 Digital modeling is presented as an essential tool for architectural design, visualization, and presentation. Principles are stressed so that acquired skills can be used with any modeling, rendering and animation software.

ARCH 2320 Modeling/Rendering/Animation II 3
Prereq: ARCH 2310 Skills developed in ARCH 2310 are enhanced with new techniques and intermediate and advanced skills. Presentation skills are also developed through advanced projects.

ARCH 2330 CAD Customization 3
Prereq: ARCH 1310 or EDDT 1100 or Instructor approval. Basic customization of AutoCAD software will be discussed and practiced as it applies to industry. Emphasis will be placed on developing AutoCAD tools and skills that will save time and improve productivity.

ARCH 2350 Advanced Architectural CAD 3
Prereq: ARCH 1310, ARCH 2510 Students will develop their CAD skills and use specific 3D architectural oriented software with AutoCad. Design and construction documentation will be examined.

ARCH 2450 Construction Management 5
Prereq: ARCH 1210 or ARCH 1370 This course covers planning, scheduling & construction of a project house using sub-contractors. Includes the study & use of bar charts, CPM & arrow networking, business owner- ship, bidding, contracts, bonds, insurance & labor laws.

ARCH 2460 Construction Estimating 2
Prereq: ARCH 1210 or BCCM 1010 Material take-offs, labor cost estimates, sub-contractor bids, equipment costs, price extensions and competitive bidding, with and without the use of the computer, will be covered in this class.

ARCH 2470 Codes, Zoning & Inspections 2
This course is the study of current building codes and an overview of zoning regulations. This course will help with inspections for code enforcement and compliance, occupancy classifications, area limitations & life-safety regulations.

ARCH 2510 Residential Design -CAD 5
Prereq: ARCH 1210, ARCH 1310. Provides a study of light frame construction techniques and production of residential construction drawings using CAD software. Students produce a professional set of presentation and construction drawings of a residential structure.

ARCH 2520 Commercial Design - CAD III 5
Prereq: ARCH 2210, ARCH 2510 Examines commercial construction materials, techniques & the production of construction drawings using CAD software. Students will produce a professional set of presentation and construction drawings of a commercial structure.

COURSE DESCRIPTIONS

ARCH 2910	Professional Portfolio	2
Prereq: ARCH 1350. Intensive training and guidelines for Architecture students in the development of "Architecture Portfolios" for presentation, as required by University admissions and job applications.		
ARCH 2990	Special Studies	1-20
Prereq: Instructor's approval This course is designed so the student can work on special individualized projects under the supervision of the instructor.		
ART 1010	Exploring Art (FA)	3
This course is a glimpse into the world of art for the non-art major. There will be some non-judgmental, hands-on producing of art. Some reading and writing will be required.		
ART 1020	Intro to Drawing (non-maj)(FA)	3
An introductory drawing course for non-majors. Line, shape, perspective and light logic will be discussed. Using these techniques, students will develop their drawing skills. Some reading and writing will be required.		
ART 1040	Jewelry: Culture & Creation (FA)	3
Jewelry has been a factor in the culture of many civilizations. This course teaches art and construction techniques. Students will design and create several unique jewelry pieces during the class using various techniques.		
ART 1050	Intro to Photography (FA)	3
The study of the important contributions photography and photographers have made in the field of art. Explains basic functions of a 35mm camera. A 35mm SLR camera is required. Limited darkroom, for Non-Art Majors, Fine-Arts credit.		
ART 1060	Hist/Art Lettering/Callig.(FA)	3
A study of the development of lettering throughout history. Several historic alphabets are studied & written. Various writing fluids & papers are explored. An introduction to bookmaking is part of this course. (Extra cost for supplies.)		
ART 1110	Foundation I Drawing	4
This course introduces methods of accurate line drawing, linear perspective, use of geometric shapes & cross-contour to clarify form. Light logic and various perspective devices will be used to create the illusion of 3-D volume.		
ART 1120	Design	3
Students will be introduced to the basic principles (balance, rhythm, emphasis, unity) and elements (line, shape, texture, space, size, value, color) of design. All VAD majors are required to take this class		
ART 1135	Printing Fundamentals (Offset)	3
This is a hands-on class in which students will produce actual printed items. Printing history, printing processes, terminology, art preparation, photo reproduction, prepress, bindery, paper, inks and related items will be covered.		
ART 1150	Foundation Seminar	2
Prereq: Must be taken first semester Fills the Human Relations requirement for VAD students. This course is also an intro to the fields of graphic design, photography, animation, illustration, elect. publishing, & multimedia. Taught online w/ occasional in-person meetings.		
ART 1170	Animation I	5
Prereq: ART 1110 and approval This course offers an intense study of the basic principles of animation, the mechanics of motion, timing, lip sync, primary and secondary action. This course has a very heavy emphasis on drawing.		
ART 1200	Production Art (DTP Page Layout)	3
Prereq: ART 1800 or w/ART 1800. Required for Design, Illustr, MultiMed & ElectrPub majors. Students learn the skills, tools & procedures needed to create electronic page layout files for output using leading industry program(s).		
ART 1210	Math for Visual Arts	3
This course covers basic math functions required of visual artists including fractions, decimals, percentages. Concepts specific to working with computers and scanners will be addressed.		
ART 1230	Typography & Layout	3
Prereq: ART 1200, or w/ART 1200, ART 1120, or w/ART 1120. This course combines the study of typography with the fundamentals of layout. Students will study the history of letters and will learn to identify various typefaces. They will solve layout problems using design principles and type.		
ART 1240	Screen Printing	3
Students will create designs that they will prepare and print using a direct emulsion stencil. They will learn screen preparation and stencil application. Most projects will be printed on paper.		
ART 1250	Airbrush	3
This curriculum will include basic use and skill with airbrush; application to a variety of rendering problems including simple dimensional forms and objects and multi-color masking.		
ART 1260	Figure Drawing	3
Prereq: ART 1110. This course will introduce figure structure, including proportions, basic forms, methods of construction and analysis. Also included: gesture, contour, light and shade.		
ART 1310	Photography I	4
Discussion and operation of film and digital SLR cameras, along with film and digital lab techniques. Fully adjustable digital or film SLR camera and other photo equipment required.		
ART 1320	Photographic Vision	1
Prereq: Concurrent with ART 1310 or ART 1050. Photographic expression and composition is explored through shooting and printing assignments. Emphasis is placed on creative exploration and visual arrangement of photographic composition. Various films and processes will be discussed.		
ART 1340	Photo. Equipment & Techniques	3
Prereq: ART 1310 and ART 1380 or w/ART 1380. Discussion & demonstration of various films, papers, camera formats, photographic lighting equipment and digital applications. Students learn to operate medium and large format cameras, and studio lighting equipment (supplied by school.)		
ART 1360	Intern Photoshop Design/Print	2
Prereq: ART 1800. Design, Illustration, Electronic Publishing students should take this course, a continuation of the Photoshop basics learned in ART 1800; issues specific to offset print production will be emphasized.		
ART 1375	Photographing Diversity (FA/DV)	3
Prereq: ART 1050 or ART 1310 w/ C grade or better. Study and photographically document social issues relating to non-dominant cultures, minorities, societies, biases and privileges. Study contributions made by photographers/artists relating to historic and contemporary diversity issues. (Fully adjustable film or digital camera required.)		
ART 1380	Photography II	4
Prereq: ART 1310. A continuation of Photography I, w/emphasis on producing high quality images through advanced camera controls and the applied aesthetics of photography. A digital or film SLR camera is required.		
ART 1385	Digital & Film Darkroom Lab	1
Prereq: ART 1380 or with ART 1380. A supervised digital and film darkroom lab course. Students use computers and a traditional darkroom to process and print high quality black & white digital & film images. Students should take this course concurrently w/ART 1380.		
ART 1390	Color Photography	3
Prereq: ART 1310. Color theory and the aesthetics of color photographic image making are the emphasis of this course. All types of color materials will be used. Both traditional and digital techniques will be covered.		
ART 1530	Beginning Painting-Watercolor	3
This course will focus on the introduction and exploration of watercolor techniques. Composition and design will be discussed. The subject matter will include still life and occasional outdoor studies.		
ART 1540	Beginning Painting-Oil	3
This course will focus on the introduction and exploration of oil painting techniques. Composition and design will be discussed. The subject matter will include still life and occasional outdoor studies.		
ART 1600	Beginning Pottery	3
This course is an introduction to the use of the potter's wheel. Beginning students become familiar with terms, tools and techniques used to create functional objects with the potter's wheel.		
ART 1650	Intermediate Pottery	3
Prereq: ART 1600. This course is a further examination of pottery techniques. Students refine skills and develop a working knowledge of glazes, kiln and hand-building techniques.		

ART 1670 Animation II 4
Prereq: ART 1170 and approval. Building on the skills taught in ART 1170, this course focuses on character development, computer techniques for 2D-3D integration, compositing and camera work. camera work.

ART 1800 Digital Media Essentials 4
Intro to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

ART 1810 Intermed. Photoshop/Multimedia 2
Prereq: ART 1800. Class required for Multimedia emphasis students. A continuation of Photoshop skills learned in ART 1800. Photoshop will be used to create maps for use in 3D animation, and graphics for web design and digital video production.

ART 1900 Special Project 1-4
Prereq: Instructor approval. This course is a Special Project study course. Any of the VAD courses can be used as curriculum. This is to be done on an individual need basis. With approval of the instructor.

ART 2000 Visual Art CO-OP Education 1-5
Prereq: Sophomore standing with a minimum GAO of 2.0, study-related employment working at least 20 hours per week, education, or a member of the staff. This is supervised work experience in a business, industrial or government environment related to the program major. Credit is awarded for successful completion of specific objectives that provide new learning related to the major.

ART 2010 History of Visual Art & Design 3
This class examines visual art from ancient civilizations to the present including graphic design. Emphasis is on the context in which new movements appear and how fine art and graphic design are related.

ART 2050 Cartooning 2
Prereq: ART 1110, ART 1260. Cartoon structure, gesture and character design for use in illustration, graphic design and computer imaging. Facial expressions, caricature, background and props will be discussed. This is an intensive course with some color projects.

ART 2070 Occupational Preparation 3
Prereq: Second-year status. Students develop self-promotional marketing strategies, prepare a resume and professional portfolio (new & existing work), & learn visual art business practices such as usage rights & billing. Photo emphasis students must take the special Photo section Spring term.

ART 2080 VAD Internship 3
Prereq: 3.5 GPA and portfolio review and second-year status. Students work at a visual art and design job location and receive academic credit rather than pay. To be considered, a student must have second year status. A transcript of grades and a portfolio must be submitted for approval.

ART 2110 Foundation II Drawing 4
Prereq: ART 1110 or ART 1020. This course is a continuation of the study of value through the use of paint and other mediums. Fundamentals of color theory, color mixing, and painting techniques are explored.

ART 2120 eDesign and Publishing 3
This course teaches electronic publishing using MS Publisher (or other layout software) and Adobe Acrobat. Electronic documents contain links, web addresses, movies, & sounds to create marketing pieces, product catalogs, e-brochures and e-forms.

ART 2140 Advanced Photoshop 2
Prereq: ART 1360 or ART 1810 or ART 2340 or instr. approval. This course is for all VAD majors who wish to learn advanced Photoshop features. Students will create samples for their portfolio.

ART 2200 Adv. Prod. Art (DTP Page Layout) 2
Prereq: ART 1230. This course is for all students who wish to review and hone their QuarkXpress skills in preparation for finding employment. Creating and reworking portfolio pieces is part of this course.

ART 2210 Illustration I 3
Prereq: ART 2110 or w/ART 2110. This is an introduction to commercial illustration applications with emphasis on composition, drawing, creativity and exploration of techniques. Various black and white and color media will be introduced.

ART 2220 Advanced Design 3
Prereq: ART 1230. This course builds upon previous Design, Typography and Layout classes as well as introduces corporate identity and collateral design problems. Students will have the opportunity to produce portfolio and art show quality work.

ART 2230 Advanced Typography & Layout 3
Prereq: ART 1230. This course is a continuation of ART 1230. Students will explore the design aspects & possibilities inherent in typography as well as more complex layout problems. Students will produce portfolio and art show quality work.

ART 2240 Package Design 3
Prereq: ART 1230. This course will cover design considerations for basic packaging. Packaging fundamentals and basic materials and processes will be introduced. Projects may include hang tags, bags, boxes, cylinders, or point-of-purchase displays.

ART 2260 Adv. Figure Drawing 2
Prereq: ART 1260. This is a continuation of ART 1260. More emphasis will be placed on composition and interpretative approaches to drawing the human form.

ART 2270 Illustration II 3
Prereq: ART 2210. This is a continuation of ART 2210. Emphasis is on concept development, problem solving and creativity. Illustrations produced should approach professional level. Black and white mediums will be used.

ART 2280 Advertising Workshop 2
Prereq: ART 1120 and second-year status. This course introduces students to product/service promotion and advertising. Students will gain a basic understanding of the components of an advertising agency; strategies, media choices, budgets, prod. analysis, proposals & presentations.

ART 2290 Advanced Illustration 2
Prereq: ART 2270. This is an advanced course that deals with traditional hand executed illustration. Media application, compositional theory & conceptual development will be undertaken and explored. A professional portfolio will be the course goal.

ART 2300 Alternative Photography 3
Prereq: ART 1380. An exploration of various techniques & applications of non-traditional and historic photographic processes and styles. Emphasis is placed on how these techniques can be applied in contemporary advertising & artistic photography.

ART 2310 Studio Photography 4
Prereq: ART 1340 and ART 1120. Students learn to use a studio setting to create images that encourage conceptual thinking. Emphasis on lighting equipment, light theory, large & medium format cameras. Polaroid b/w & color transparency film & digital images will be used.

ART 2320 Documentary Photography 3
Prereq: ART 1380. The study of documentary techniques for visual communication. Emphasis placed on developing sensitivity to and awareness of the emotional impact of photographic images. Photo-journalism techniques and ethics will be addressed.

ART 2330 Photo History & Contemp. Style 3
Prereq: ART 1050 or ART 1310. Introduce and explore various historic and contemporary photographers, events, styles and techniques to gain a better understanding of photography as a high-art and a powerful form of visual communication.

ART 2340 Photoshop for Photographers 2
Prereq: ART 1380, ART 1800. Students use Photoshop, scanners & printers to input, edit, color correct, print and store photographs. Discussions of digital cameras, web images and output. Adjustable 35mm film camera or fully adjustable digital camera required.

ART 2350 Photographing People/Portrait 3
Prereq: ART 2310. Discussion and techniques of taking informal, formal, and environmental portraits. Students will learn to work on location and in the studio. Technical and aesthetic aspects of photographing people will be addressed.

ART 2380 Adv. Studies in Photography 4
Prereq: ART 2310. Students refine skills learned in previous photography classes. Emphasis placed on understanding advanced applications and the development of a personal style and direction. Students work in the studio and on location.

COURSE DESCRIPTIONS

ART 2410 Computer Art and Design 3
Prereq: ART 1800. Students will produce original designs for print and multimedia using vector software.

ART 2412 Illustrator 2
Prereq: ART 1800. Design and Illustration majors are required to take this class. Students will create original designs and illustrations using Illustrator software. Issues specific to offset printing will be emphasized.

ART 2420 Advanced Illustrator 2
Prereq: ART 2410, ART 2412 or instructor's approval. This class is for advanced VAD students who wish to create or rework pieces for their portfolio. Advanced Illustrator functions will be presented. This course is also for working artists who wish to update their skills.

ART 2440 Web Site Design 3
Prereq: ART/COMM/EBT 1800. Students learn the knowledge and skills needed to build and manage professional web sites using Dreamweaver & Fireworks. Students create interactive web sites, graphics, animation, and advanced styling using HTML, CSS, & JavaScript.

ART 2470 Desktop Video Production 2
Prereq: ART 1810 or ART 1360 or ART 2340. This is an introduction to non-linear digital video editing and production using Adobe Premier. Video design, planning, equipment and terminology will be presented.

ART 2480 Computer Illustration 2
Prereq: ART 1800. Students use drawing & design skills learned previously to create illustrations on the computer. Media such as water- color and oils will be simulated using Painter. Students will be required to create a min. of 3 port. quality images.

ART 2490 Adv. Studies in Comp. Graphics 2
Prereq: Instructor's approval. This course continues all work begun in other computer graphics classes. Students pursue their own direction in the production of finished projects.

ART 2520 Advanced Drawing 2
Prereq: ART 1110 or instructor's approval. Build on knowledge of proportion, line, value and shape. Expressive and imaginative interpretation are encouraged. Textural explorations, symbolic content in drawings and rapid drawing exercises are areas of skills developed.

ART 2530 Advanced Painting – Watercolor 3
Prereq: ART 1530 or portfolio review by instructor. A continuation of ART 1530. Further development of various watercolor techniques and composition. Students are encouraged to develop their own unique talent. Maturation and experimentation of aesthetic philosophy are expected.

ART 2540 Advanced Painting – Oil 3
Prereq: ART 1540. A continuation of beginning oil. Further development of oil painting techniques. Composition and color are emphasized.

ART 2560 Figure Painting 3
Prereq: ART 1260. Students work directly from the model to learn a variety of painting techniques. The course focuses on using the figure as an element in composition and reinforces the skills learned in previous drawing classes.

ART 2610 Multimedia Authoring 2
Prereq: ART 2440. This is a continuation of ART 2440. Flash and Dreamweaver software will be introduced and used to design and prepare Web pages.

ART 2630 3D Animation (3D Max) 5
Prereq: ART 1810 or instructor approval. Discreet 3D Studio Max is used to create 3D models and animations for multimedia and broadcast video. Emphasis is on model complexity, animation planning, story-board development and creative motion techniques.

ART 2631 3D Animation (Maya) 5
Prereq: ART 1810 or instructor approval. Maya software is used to create models and animation for the film and gaming industries. Complex, surface modeling techniques, special effects, materials and skeletal-animation techniques will be emphasized.

ART 2640 3D Animation II (3-D Max) 2
Prereq: ART 2630. A continuation of ART 2630. 3D Studio Max software is used to create models and animation for the film and gaming industries. Complex surface modeling techniques, special effects materials/skeletal animation techniques emphasized.

ART 2641 3D Animation II (Maya) 2
Prereq: ART 2631 or instructor approval. Industry standard software Maya is used to create models and animation for the film/gaming industries. Emphasis: working in production atmosphere to create high-quality digital art. Complex, surface modeling techniques, special effects, materials, & skeletal-animation techniques will be emphasized.

ART 2650 Multimedia Production 3
Prereq: ART 1810 OR Instructor Approval. Popular software (Director) is learned to produce interactive multi-media projects delivered onto CD ROM.

ART 2670 Animation III Digital Studio 3
Prereq: ART 1670 and approval. Individual and group projects will be conceived, storyboarded, animated and edited. Digital studio production, studio tools and procedures will be emphasized.

ART 2900 Visual Art and Design Seminar 1-3
Prereq: Instructor's approval. Students may elect to participate in visual arts seminars and workshops, which may include travel. There are additional costs. Skeletal animation techniques will be emphasized.

ART 2940 Special Studies in Design 1-6
Prereq: Instructor Approval. This course allows design majors to learn special skills, hone specific skills, learn new software or explore special graphic design topics in a classroom setting.

ART 2950 Special Topics in Illustration 1-6
Prereq: Instructor Approval. This course allows Illustration majors to learn special skills or techniques, hone specific skills, learn new software or explore special illustration topics in a classroom setting.

ART 2960 Special Topics in Animation 1-6
Prereq: Instructor Approval. This course allows animation majors to learn special skills, hone specific skills, learn new software or explore special animation topics in a classroom setting.

ART 2970 Special Topics in Photography 1-6
Prereq: Instructor Approval. This course allows Photography majors to learn special skills or techniques, hone specific skills, learn new software or explore special photographic topics in a classroom setting.

ART 2980 Special Topics in Multimedia 1-6
Prereq: Instructor Approval. This course allows Multimedia majors to learn special skills or techniques, hone specific skills, learn new software or explore special topics in a classroom setting.

ART 2990 Special Studies in VAD 1-3
Prereq: Instructor's approval. After completing all available courses in an area of study, students have the opportunity to pursue advanced study with a faculty member on an individual basis. Students must consult with that faculty member about details and permission.

ARTH 2520 Latin American Art to 1750 (HU) 3
This is a survey course of art and architecture in the Pre- Columbian and Latin Baroque Worlds of Central, South and North America. The course aims at a broad introduction to the art of Latin America.

ARTH 2640 Asian Art: Buddhist Art 3
Examines the artistic traditions of Buddhism. Beginning with the birth of Buddhism in India, the course will follow the development and spread of Buddhist art to China and the rest of Asia.

ARTH 2700 Asian Art: Japan 3
Course focuses on the artistic and cultural traditions of Japan, beginning with the prehistoric Jomon era and continuing to the present.

ARTH 2710 Art History:Prehistory/Ren (HU) 3
An examination of visual art forms from Prehistory to the European Renaissance. Emphasis: developing a comparative understanding of a variety of works (including painting, sculpture, & architecture) from different cultures in context.

ARTH 2720 Art History:Ren/Contemp. (HU) 3
An examination of the visual art forms created from the period of the Renaissance to the Contemporary era. The study focuses on the aesthetic, cultural, & psychological factors that shape the changes in artistic expressions through time.

ASLI 1010 Beg. American Sign Language I 5
Students are introduced to basic ASL skill, including conversation strategies, spatial referencing and facial expression. Awareness of Deaf culture is also included. Lab attendance required.

ASLI 1020 Beg. Am. Sign Language II (LN) 5
Prereq: ASLI 1010. Students continue to develop basic ASL skills including classifiers, temporal sequencing, spatial agreement and object identification through description. Study of Deaf culture is continued. Lab attendance is required.

ASLI 1200 Intro to Interpreting 3
Prereq: ASLI 1020. Students examine interpreting philosophies. Focus is on the intercultural and interlingual challenges which may arise during the interpreting process. Students learn and apply the code of ethics.

ASLI 1220 Cognition/Discourse Analysis 3
Prereq: ASLI 1020. Students learn cognitive processing skills related to interpreting including ability to concentrate and analyze visual and auditory stimuli. Discourse is analyzed focusing on context, linguistics and culture. Lab required.

ASLI 1300 Conversation I 1
Students practice currently held conversation skills to increase signing ability and vocabulary. Course includes role-plays, small group activities, and presentations. Lab attendance may be required.

ASLI 1400 Cross-Cultural Interpreting 3
Prereq: ASLI 1200, ASLI 1220 and ASLI 2010. Students study the value systems and cultural norms held by American Deaf and mainstream cultures and discuss conflicts which may arise during cross-cultural interactions. Students learn to anticipate and address cultural differences.

ASLI 1420 Consecutive Interpreting 3
Prereq: ASLI 1200, ASLI 1220 and ASLI 2010. Students work to integrate components skills of prepared and spontaneous consecutive interpretation. Students learn to shift register and vary their language production. Lab attendance required.

ASLI 1430 Linguistics of ASL 3
Prereq: ASLI 2010 for ITP, with ASLI 1400, ASLI 1420 and ASLI 2020. Analytical theory-based course introduces students to English and ASL linguistic concepts within phonology, morphology, semantics, syntax and socio-cultural language use. Students will learn theory and its application in improving both English and ASL comprehension and production.

ASLI 1450 Mentorship 2
Prereq: ASLI 1200, ASLI 1220 and ASLI 2010. Students will work with identified members within the Deaf community to build relationships and understanding of the community, its norms and values.

ASLI 1900 Special Studies 1-3
Prereq: Instructor's approval. This course is special studies in language or culture. Students plan their areas of study and work with the instructor on an individual basis.

ASLI 2010 Int. American Sign Language I 5
Prereq: ASLI 1020. The third in a series of four, this ASL course focuses on increasing functional language ability in survival and social situations. Emphasis is on proficiency. Lab attendance is required.

ASLI 2020 Int. American Sign Language II 5
Prereq: ASLI 2010. The fourth in a series of four, this ASL course focuses on increasing functional language ability in survival and social situations. Emphasis is on proficiency and Deaf culture. Lab attendance is required.

ASLI 2200 Simultaneous Interpreting 3
Prereq: ASLI 1400, ASLI 1420, ASLI 1450 and ASLI 2020. Students transition from consecutive to simultaneous format of interpretation. Focus is on the interpretation of expository texts which occur in group meetings and conference settings. Lab attendance is required.

ASLI 2220 Educational Interpreting 3
Prereq: ASLI 1400, ASLI 1420, ASLI 1450 and ASLI 2020. Students learn the interpreter role in mainstream education and recognize the effect of child development and classroom interaction patterns of interpreting. Students acquire specialized vocabulary found in the educational setting.

ASLI 2230 Linguistics of ASL 3
Prereq: ASLI 1400, ASLI 1420, ASLI 1450 and ASLI 2020. Students learn more about American Sign Language by studying linguistics research on ASL. Students will learn about ASL phonology, morphology, syntax, semantics and sociolinguistics.

ASLI 2250 Mentorship 2
Prereq: ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020. Designed to provide students the opportunity to immerse themselves in the Deaf community and interpreting profession by serving the community and profession in which they plan to be employed.

ASLI 2300 Conversation II 1
Prereq: ASLI 1020. Students practice their ASL conversation skills to increase signing ability and vocabulary on a variety of subjects and registers. The course includes small group activities and class presentations. Lab attendance may be required.

ASLI 2400 Practicum 3
Prereq: ASLI 2200, ASLI 2220, and ASLI 2230. This course provides a minimum of 90 hours field experience interpreting in a supervised educational, community, or other setting. Students are responsible for finding a practicum site under the supervision of practicum advisor.

ASLI 2410 Practicum Seminar 1
Prereq: ASLI 2200, ASLI 2220 and ASLI 2230. This course provides students with an open forum to discuss situations arising from interpreter assignments during their practicum and an opportunity to prepare for entering the interpreter field.

ASLI 2900 ASLI - Special Studies 1-3
This is a course designed by faculty which allows students to explore specific interests in American Sign language and culture. Lab attendance is required. May be repeated for credit.

AUTO 1110 Auto Electrical & Electronics 2
Prereq: Concurrent with AUTO 1111. Entry auto. Teaches relationships of electricity and electronics as it relates to automobiles. Covers OHM's law, lighting systems, starting, charging, & semi-conductors. Builds foundation for ignition and fuel systems.

AUTO 1111 Auto Electricity & Electronics 4
Prereq: Concurrent with AUTO 1110. Entry auto. Teaches relationships of electricity and electronics as it relates to automobiles: OHM's law, lighting systems, charging, semi-conductors. Builds foundation for ignition and fuel systems.

AUTO 1112 Automotive Engines 2
Prereq: Concurrent w/ AUTO 1113. Explores the principles, operation and diagnostics of the internal combustion engine, engine troubleshooting, removal and replacement emphasized. Cooling system diagnosis and component replacement also covered.

AUTO 1113 Automotive Engines Lab 4
Prereq: Concurrent with AUTO 1112. Explores principles, operation & diagnostics of internal combustion engine, engine troubleshooting, removal & replacement emphasized. Cooling system diagnosis and component replacement also covered. Hands on.

AUTO 1114 Advanced Electricity 2
Prereq: Concurrent with AUTO 1115. This course is specifically designed for incarcerated students to provide in-depth electrical and electronic theory.

AUTO 1115 Advanced Electricity Lab 4
Prereq: Concurrent with AUTO 1114. This lab is specifically designed for incarcerated students to provide application of electrical and electronic theory.

AUTO 1120 Automotive Brakes 2
Prereq: Concurrent w/AUTO 1114. This is an automotive service excellence certified training course covering the theory and functions of repair and maintenance of automotive braking systems.

AUTO 1121 Automotive Brakes Lab 4
Prereq: Concurrent with AUTO 1120. This is an automotive service excellence certified training course covering the service procedures and shop practices of automotive braking system components.

COURSE DESCRIPTIONS

AUTO 1122 Suspension Steering 2
Prereq: Concurrent with AUTO 1123. This is an automotive service excellence certified training course covering the theory and functions of repair and maintenance of automotive suspension and steering systems.

AUTO 1123 Auto Suspension Steering Lab 4
Prereq: Concurrent with AUTO 1122. This is an automotive service excellence certified training course covering the service procedures and shop practices of automotive steering and suspension components.

AUTO 1199 Spec. Trng/Auto 1-15
Allows the student to acquire additional expertise in a specific automotive application, approved by the instructor.

AUTO 1210 Engine Performance I 2
Prereq: AUTO 1111, concurrent with AUTO 1211. A lecture-based class on the diagnosis and repair of today's automotive engine performance and emission-related problems. Including, but not limited to, the diagnosis and testing of ignition, fuel delivery and emission system problems.

AUTO 1211 Engine Performance I Lab 4
Prereq: Concurrent with AUTO 1210. In this lab class, the student will apply the knowledge gained in the lecture class to proficiently diagnose and repair engine performance and emission-related problems with the help of stationary and handheld test equipment.

AUTO 1212 Engine Performance II 2
Prereq: AUTO 1110, AUTO 1111, AUTO 1210, AUTO 1211, concurrent with AUTO 1213. A lecture-based class on the diagnosis and repair of today's automotive engine performance and emission-related problems including, but not limited to, the diagnosis and testing of ignition, fuel delivery and emission system problems.

AUTO 1213 Engine Performance II Lab 4
Prereq: AUTO 1210, AUTO 1211, concurrent with AUTO 1212. In this lab class, the student will apply the knowledge learned in the lecture class to proficiently diagnose and repair engine performance and emission-related problems with the help of stationary and handheld test equipment.

AUTO 1220 Manual Transmission & AC 2
Prereq: AUTO 1110, AUTO 1111, concurrent with AUTO 1221. This lecture course discusses service & repair procedures of A/C & manual drive mechanisms. Function, theory, service, & overhaul is stressed. This class coordinates with AUTO 1221, providing a lab class.

AUTO 1221 Manual Transmission & A/C Lab 4
Prereq: AUTO 1110, AUTO 1111, concurrent with AUTO 1220. This is the hands on portion of Auto 1220 in Auto 1221. Industry repair procedures are duplicated in the lab. Manual transmission & A/C service, repairs & overhaul are covered. Student supplied with tools & coveralls are required.

AUTO 1222 Auto Trans & Electronic Shift 2
Prereq: AUTO 1110, AUTO 1111 concurrent with AUTO 1223. Lecture course covering service & repair of automatic transmissions & electronic shifting. Function, theory, service & overhaul of both domestic & import units will be discussed. This class coordinates with AUTO 1223.

AUTO 1223 Auto Trans & Elec Shift Lab 4
Prereq: AUTO 1110, AUTO 1111, concurrent with AUTO 1222. Coordinates with AUTO 1222 as the hands on lab portion. Service procedures & overhaul are offered on domestics & imports. Selected models are used. Student supplied tools & coveralls required.

AUTO 1299 Automotive Specialty Training 5-12
Allow automotive students to acquire additional expertise in a specific industrial automotive application, to be approved by the instructor.

BCCM 0400 Cabinet/Furniture Making 0
Course assists students in the use of woodworking tools and provides help as students work on individual projects which may include entertainment centers, kitchens or utility cabinets. Course for Senior Citizens, faculty/staff depend.

BCCM 0500 Cabinet/Furniture Making 0
Course assists students in the use of woodworking tools and provides help as students work on individual projects which may include entertainment centers, kitchens or utility cabinets. Course open to all students.

BCCM 1010 Building Construction Theory 5
Students will receive an overview of a building, from start to finish. Students will learn materials, tools & practices used in the construction industry. Topics include framing, concrete, finish work, cabinets, & construction management.

BCCM 1030 Construction Safety 2
Provide students with better understanding of current construction safety. Students will be certified in Powder Actuated tools, Fall Arrest, CPR, First Aid, OSHA-10, OSHA-30, Material Safety Data Sheets (MSDS), and power & hand tools.

BCCM 1040 Begin. Structural Construction 3.5
Prereq: Concurrent with BCCM 1060. A hands-on course for students with little/no concrete/framing carpentry experience. Starting from a freshly-excavated hole, students will build a structure, forming and placing the footings and foundation and entirely framing structure.

BCCM 1050 Building Constr. Overview Lab 7
This lab provides practical experience with buildings. Concrete, framing, finish work, cabinets and millwork are included. This is the application of construction theory learned in BCCM 1010.

BCCM 1060 Beginning Structural Theory 1
Prereq: Concurrent with BCCM 1040. Theory of building a structure for students with little/no experience. Topics: materials of construction, construction methods/procedures, applicable building codes for basic structures, footings, foundations, and framing carpentry.

BCCM 1100 Construction Math 5
This is a course in mathematical operations and their practical application to solving trade problems. Percents, decimals, fractions, powers and triangle trigonometry will be used for calculations of areas, volumes and sizes.

BCCM 1140 Beginning Interior Finishes 3.5
Prereq: Concurrent with BCCM 1160. Hands-on course for students with little/no interior finish experience. Students will work on a project house installing doors, casing, base and shelving.

BCCM 1150 Blueprint Reading 3
This course will include study of architectural symbols and terms, relationships of views and sections. It includes a study of plans & specifications of residential & commercial construction. Includes code compliance and details.

BCCM 1160 Beg. Interior Finishes Theory 1
Prereq: Concurrent with BCCM 1140. The course introduces students with little or no experience with interior finishes to materials of construction, construction methods and procedures, and trends in current market.

BCCM 1200 Personal Projects 7
This course will allow students to plan a special project in an area of personal interest. Students will use the shop & tools of the trade to build projects of their own design. Safety is taught along with the correct use of equipment.

BCCM 1210 Beg. Woods & Millwork Theory 1
Prereq: Recommended concurrent with BCCM 1215. Introduction to the basic principles of woodworking theory. Equipment safety, project design & hardware selection, cut-listing, cut-out, assembly & finish techniques specific to classroom project. Hands-on application of skills learned.

BCCM 1215 Beginning Woods & Millwork Lab 3
Prereq: Must be taken concurrent with BCCM 1210. Introduction to basic principles of woodworking in a hands-on environment. Safe use of equipment to build a project using skills learned in BCCM 1210. Student will build a classroom project & one other of the students design.

BCCM 1240 Beginning Cabinetmaking 3.5
Prereq: Concurrent with BCCM 1260. Hands-on course for students with little/no cabinetmaking experience; taught safe operation of typical shop equipment, and participate in building custom cabinets for current project home. Attendance is crucial.

BCCM 1260 Beginning Cabinet Theory 1
Prereq: Concurrent with BCCM 1240. For students with little/no cabinet-making experience, introduction to the materials, layout, tools and construction techniques used in modern cabinetmaking. Students will assist in designing cabinets for current project home.

BCCM 1990 Home Maintenance 3
This course is designed for renters and homeowners. It will cover all aspects of doing minor repairs, replacement and maintenance of items that can be safely accomplished by the homeowner.

BCCM 2000 Building Construction CO-OP 3-5
This is a supervised work experience in business, industrial or government environment related to the program major. Credit is awarded for completion of specific objectives that provide new learning experiences related to the major.

BCCM 2010 Framing Theory 5
Prereq: BCCM 1010, BCCM 1050. The theory and methods of framing, floors, stairs, walls & roofs in great detail. Building codes relative to framing will be covered as well. Students will learn how to layout, cut and build complex roofs, stairs and walls.

BCCM 2030 Framing Lab 7
Prereq: BCCM 1010, BCCM 1050. Students will participate in the framing of several project houses. Each student will practice framing skills of layout, cutting, assembly & supervision. Students will develop the skills to prepare them as employable framing carpenters.

BCCM 2040 Adv. Structural Construction 3.5
Prereq: BCCM 1040 or equiv. exper.; Concur. with BCCM 2060. Hands-on course for students with some concrete/framing carpentry experience. Students will work in a leadership role, performing the more technical aspects of building footings and foundations as well as framing a structure.

BCCM 2050 Concrete Theory 3
Prereq: BCCM 1010 OR ARCH 1210. Students will learn about concrete technology, materials, carpentry, material science and codes associated with concrete will be included.

BCCM 2060 Advanced Structural Theory 1
Prereq: BCCM 1040 or equiv. exper.- Concurrent with BCCM 2040. This is a continuation of BCCM 1060 (Beginning Structural Theory) and will address the more technical aspects of footings, foundations, and framing carpentry and training in supervision of construction personnel.

BCCM 2080 Concrete Lab 7
Prereq: BCCM 1010, BCCM 1050. Students get actual experience in concrete construction, testing, forming, placement, finishing & curing of concrete. Skills are developed in the production of concrete to meet job specifications for commercial and residential work.

BCCM 2100 Finish Carpentry Theory 5
Prereq: BCCM 1010, BCCM 1050. In this course, students will learn about residential finish carpentry. The course includes theory & methods of hanging doors, hardware, trim, railings and other finish items.

BCCM 2120 Furniture Technology 3
This course develops students' understanding in the principles of furniture construction. The methods used for applications and styles of furniture are included.

BCCM 2130 Finish Carpentry Lab 7
Prereq: BCCM 1010, BCCM 1050. In this course, students will develop skills of the finish carpenter by doing the finish work on several projects. They will hang doors, install hardware, stairs, shelving, base, casing and crown moldings.

BCCM 2140 Advanced Interior Finishes 3.5
Prereq: BCCM 1140 or equiv. exper.- Concurrent with BCCM 2170. This is a hands on course for students with previous experience in interior finishes. Students will work in a leadership role and perform more technical aspects of interior finish, including tile and hardwood floors.

BCCM 2150 Cabinetwork Theory 5
Prereq: BCCM 1010, BCCM 1050. Study of the principles & methods used with design, layout, tools & construction of cabinet & millwork. Project design for manufacturing & the theories of cabinet production will prepare for entry into this state of the art industry.

BCCM 2160 Furniture Construction 5
Students will obtain practical experience in the construction and finish of fine furniture.

BCCM 2170 Adv. Interior Finishes Theory 1
Prereq: BCCM 1140 or equiv. exper.- Concurrent with BCCM 2140. This is a continuation of BCCM 1160 (Beginning Interior Finishes) and will address more technical aspects of all types of interior finish including tile, hardwood floors, stairs, handrails and other types of specialty finishes.

BCCM 2180 Cabinetwork Lab 7
Prereq: BCCM 1010, BCCM 1050. The study of layout of tools and construction of cabinets & millwork, including plastic laminates, moldings, trim & wood finishing. Students will learn manufacturing methods of the cabinet industry & gain experience in modern shop settings.

BCCM 2200 Construction Office Management 3
Prereq: All 1000 level required courses or equiv. exper. Covers payroll, new hire requirements, liability insurance, workers compensation insurance, bookkeeping (using QuickBooks for Contractors), FUTA, unemployment insurance etc. to successfully run a construction business. .

BCCM 2210 Construction Field Management 3
Prereq: All BCCM 1000 level required courses OR equiv. exper. in work experience. Covers planning, scheduling, & construction of building projects using sub-contractors. Includes study of critical path management. Students act as project managers & superintendents.

BCCM 2230 Advanced Cabinetmaking 3.5
Prereq: BCCM 1240 or equiv. exper. Concurrent with BCCM 2260. Hands-on course for students with previous cabinetmaking beginning students & are also trained to complete advanced machine operations and professional workmanship.

BCCM 2240 Construction Estimating 5
Prereq: All BCCM 1000 level required courses or equiv. exper. Material take-offs, labor cost estimates, subcontractor bids, equipment costs, price extensions and competitive bidding, with and without the use of the computer, will be covered in this class.

BCCM 2260 Advanced Cabinet Theory 1
Prereq: BCCM 1240 or equiv. exper. Concurrent with BCCM 2230. A continuation of BCCM 1240. Students will learn advanced cabinet design, estimating, and the ordering of materials. Production methods, supervisory training, shop management, and quality finishing techniques will be taught.

BCCM 2310 Construction Writing 3
This course covers the study of and practice in construction writing. Includes: basic word processing, daily logs, bid proposals, letters, policies, and procedures.

BCCM 2320 Int. Woods & Millwork Theory 2
Prereq: BCCM 1210 & BCCM 1215; Recommended concurrent with BCCM 2325 & instructor's approval required. Introduction to construction techniques of fine furniture & intermediate woodworking. Emphasis on design using solid wood & int. joinery. Students design jigs, templates & special set-ups. Skill building projects will be assigned.

BCCM 2325 Inter. Woods & Millwork Lab 3
Prereq: BCCM 1210 & BCCM 1215; must be taken concurrently with BCCM 2320 & instructor's approval required. Hands-on extension of BCCM 2320. Provides safety instruction & proper application of the skills & principles taught in BCCM 2320. Projects are assigned & personal projects must reflect skill & receive teachers approval.

BCCM 2390 Advanced Framing Theory 2
Prereq: BCCM 2010, BCCM 2030. Students will report the experiences of their externships and how they relate to wood framed buildings. This course will include analysis of the externship and advanced framing theory.

BCCM 2400 Framing Externship 10
Prereq: BCCM 2010, BCCM 2030. This course is designed to bring the students to the level of framing competence for the fast-paced, high production work of the framing carpenter. Skill development includes: multi-angle, multi-level and multi-slope roofs and stairs.

BCCM 2470 Building Codes & Zoning 2
Prereq: All BCCM 1000 level required courses or equiv. exper. This course is the study of current building codes and an overview of zoning regulations. This course will help with inspections for code enforcement and compliance, occupancy classifications, area limitations & life-safety regulations.

COURSE DESCRIPTIONS

BCCM 2490 Advanced Concrete Theory 2
Prereq: BCCM 2050, BCCM 2080. The students will report the experiences of the externship and how it relates to the concrete industry. This course will include the analysis of the externship and advanced concrete theory.

BCCM 2500 Concrete Externship 10
Prereq: BCCM 2050, BCCM 2080. Students will develop skills in the concrete industry to the level of production work as a concrete finisher. Work will include concrete driveways, curb and gutter, steps & floors. Includes finishing techniques, curing compounds and sealers.

BCCM 2590 Advanced Finishing Theory 2
Prereq: BCCM 2100, BCCM 2130. Students will report the experiences of the externship and how it relates to finish carpentry. This course will include the analysis of the externship and advanced finish work theory.

BCCM 2600 Finishing Externship 10
Prereq: BCCM 2100, BCCM 2130. The focus will be on the development of repetitive skills needed to become a quality finish carpenter. Includes installing doors, casing, base, chair rail, crown & trim work, stairs, shelves, window sills and wainscot finishes.

BCCM 2690 Cabinet Theory 2
Prereq: BCCM 2150, BCCM 2180. Students will report the experiences of the externship and how it relates to cabinetry. This course will include analysis of the externship and advanced cabinet theory.

BCCM 2700 Cabinet Externship 10
Prereq: BCCM 2150, BCCM 2180. This course is designed to provide hands-on opportunities in the areas of design, construction and installation of cabinets, counter tops and specialty furniture. Includes an in-depth study of cabinet making and millwork.

BCCM 2790 Adv. Construction Management 2
Prereq: BCCM 2200, BCCM 2240. Students will report the experiences of the externship and how it relates to construction management. This course will include the analysis of the externship and construction management theory.

BCCM 2800 Constr. Management Externship 10
Prereq: BCCM 2200, BCCM 2240. Provides the opportunity for students to work with managers in the industry. Learning experiences include job planning, tracking and finding solutions to problems that managers of construction jobs face every day.

BCCM 2990 Special Studies 1-20
This course is designed to cover special topics in building construction. This will be developed upon instructor's approval in conjunction with the student.

BIOL 1010 Intro to Biology (BS) 4
Prereq: Concurrent with BIOL 1015. For non-science majors. A survey of living diversity from bacteria to plants and animals. Introduces cell structure and physiology, inheritance, evolution, and classification. Concurrent enrollment in the lab (BIOL 1015) is required.

BIOL 1015 Intro to Biology Lab (BS) 0
Prereq: Concurrent with BIOL 1010. Required as lab portion of BIOL 1010. Important aspects of plant biology are illustrated. Laboratory study, experimentation, and analysis illustrating important biological principles. One laboratory session per week.

BIOL 1030 Intro to Plant Biology (BS) 4
Prereq: Concurrent with BIOL 1035. For non-science majors. An introduction to plant form, function, and reproduction and a survey of the plant kingdom. Three hours of lecture per week with additional lab component (BIOL 1035) required.

BIOL 1035 Intro to Plant Biol. Lab (BS) 0
Prereq: Concurrent with BIOL 1030. Required as lab portion of BIOL 1030. Important aspects of plant biology are illustrated. Lab activities include: plant anatomy, physiology, life cycles, and a survey of the plant kingdom. One laboratory session per week.

BIOL 1050 Intro to Animal Biology (BS) 4
Prereq: Concurrent with BIOL 1055. For non-science majors. Topics include: animal classification, evolution, and diversity. Three hours of lecture per week with additional lab component (BIOL 1055) required.

BIOL 1055 Intro to Animal Biol. Lab (BS) 0
Prereq: Concurrent with BIOL 1050. Required as lab portion of BIOL 1050. Activities include: use of the microscope, cell structures, evolution, animal development and systematics, and a survey of animal phyla. One laboratory session per week.

BIOL 1070 Intro to Marine Biology (BS) 4
Prereq: Concurrent with BIOL 1075. Introductory study of Biology focusing on marine biological systems. Intended for non-science majors. Three hours lecture per week with additional lab component (BIOL 1075) required.

BIOL 1075 Intro to Marine Biol. Lab (BS) 0
Prereq: Concurrent with BIOL 1070. Students will study marine plants, plankton, invertebrates and vertebrates. One laboratory session per week.

BIOL 1110 Intro to Human Anat/Phys (BS) 3
For non-science majors. Introduction to the human body. The structure, function, and organization of the major organ systems are examined at several levels. This class does not meet the prerequisite requirement for any biology class.

BIOL 1150 Physiology of Exercise (BS) 3
For non-science majors. Introduction to exercise physiology. Metabolic, muscular, cardiovascular, and respiratory adaptations to the application of work (exercise) stress are emphasized.

BIOL 1210 General Biology (BS) 4
Prereq: Concurrent with BIOL 1215. For biology/science majors. May be used as a prerequisite for any biology class. Content: biological chemistry, cell structure, metabolism, genetics, evolution, and diversity. Three hours of lecture per week with additional lab component (BIOL 1215) required.

BIOL 1215 General Biology Lab (BS) 0
Prereq: Concurrent with BIOL 1210. Required as lab portion of BIOL 1210. Activities include: laboratory safety, use of the microscope, the acquisition and interpretation of biological data, and a survey of organismal diversity. One laboratory session per week.

BIOL 1610 College Biology I (BS) 4
Prereq: Must be taken with BIOL 1615. Placement required: a grade of C or better in MATH 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. For Biology/Science majors and Health Science majors. May be used as a prerequisite for any biology class. Content: biological chemistry, cell structure, metabolism, genetics, evolution, and diversity. Three hours of lecture per week with additional lab component (BIOL 1615) required.

BIOL 1615 College Biology I Lab (BS) 0
Prereq: Must be taken with BIOL 1610. Placement required: a grade of C or better in MATH 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. Required lab component with BIOL 1610 College Biology I.

BIOL 1625 College Biology II Laboratory 4
Prereq: BIOL 1610 (C grade or better) & concurrent with BIOL 1620. Required as lab portion of BIOL 1620. Laboratory observation and experimentation to enhance understanding of evolution, diversity, and ecology. Three hours of lab per week with additional lecture component (BIOL 1620) required.

BIOL 2000 CO-OP Education 2-4
Prereq: Sophomore with/minimum 2.0 GPA, study-related employment of at least 20 hrs/week and approval of director of cooperative education. Must be sophomore with/min. 2.0 GPA. Instructor agreement. Work experience in business, industrial, or government environment related to program major. Credit awarded upon completion of specific objectives.

BIOL 2020 Cell Biology 4
Prereq: BIOL 1610/1625(C grade or better), conc.w/BIOL 2025. For biology/science majors. Topics covered include cell division, organelle structure and function, gene expression, cytoskeleton, and extracellular matrix. Concurrent enrollment in the lab (BIOL 2025) is required.

BIOL 2025 Cell Biology Lab 0
Prereq: BIOL 1610/1625(C grade or better), conc.w/BIOL 2020. Lab required with BIOL 2020. Introduction to some of the basic lab techniques in modern cell biology. Lab activities include: microscopy, cell fractionation and analysis of cellular components. One lab session per week.

BIOL 2030 Genetics 4
Prereq: BIOL 1610/1625 (C grade or better), CHEM 1210, concurrent with BIOL 2035. For biology/science majors. An introduction to the principles of genetics. Topics include: transmission (Mendelian), molecular, and population genetics. Concurrent enrollment in the lab (BIOL2035) is required.

BIOL 2035 Genetics Lab 0
Prereq: BIOL 1610/1625 (C grade or better), CHEM 1210, concurrent with BIOL 2030. Lab required with BIOL2030. Hands-on and computer- simulated laboratory investigations of genetic processes. Lab emphasizes data analysis and complements information learned in the lecture. One laboratory session per week.

BIOL 2060 Microbiology 4
Prereq: BIOL 1610 (C grade or better) with BIOL 2065. For HS and biology/science majors. A survey of microbiological principles related to human health. Covers taxonomy, cell structure, physiology, and genetics of microorganisms. Three hours of lecture per week with additional lab component (BIOL 2065) required.

BIOL 2065 Microbiology Lab 0
Prereq: BIOL 1610 (C grade or better), w/ BIOL 2060. Lab required with BIOL 2060. Introduces practical aspects of microbiology. Lab activities include: microscopy, cell culture, staining, and techniques for characterizing and identifying bacteria. One laboratory session per week.

BIOL 2070 Plant Biology 4
Prereq: BIOL 1610/1615, concurrent with BIOL 2075. For biology/science majors. Topics covered include structure, function, growth, development, physiology, and systematics of plants. Three hours of lecture per week with additional lab component (BIOL 2075) required.

BIOL 2075 Plant Biology Laboratory 0
Prereq: BIOL 1610/1615, concurrent with BIOL 2070. For biology/science majors. Topics covered include structure, function, growth, development, physiology, and systematics of plants. Three hours of laboratory per week with lecture component (BIOL 2070) required.

BIOL 2080 Animal Biology 4
Prereq: BIOL 1610/1615, concurrent with BIOL 2085. For biology majors. A study of mechanisms of evolution, animal systematics, development and physiology. Concurrent enrollment in the lab [BIOL 2085] is required.

BIOL 2085 Animal Biology Laboratory 0
Prereq: BIOL 1610/1615, concurrent with BIOL 2080. For biology majors. A study of mechanisms of evolution, animal systematics, development and physiology. Concurrent enrollment in the lecture [BIOL 2080] is required.

BIOL 2220 Ecology 4
Prereq: BIOL 1330 or 1350 (C grade or better), w/BIOL 2225. For biology/science majors. Intro to ecological and evolutionary principles, including: population interactions, ecosystem structure/function, energy flow, & biogeography. Three hours of lecture per week and additional lab component (BIOL 2225) required.

BIOL 2225 Ecology Lab 0
Prereq: BIOL 1330 or 1350 (C grade or better), w/ BIOL 2220. Required lab portion of BIOL 2220. This class provides an introduction to ecological methods, measurements, and data analysis. One laboratory session per week.

BIOL 2320 Human Anatomy 4
Prereq: BIOL 1610 (C grade or better), concurrent with BIOL 2325. For HS and biology/science majors. Intro to the structure of the human body using a systemic approach. Structural relationships are evaluated by macro and micro- analysis. Three hours of lecture per week and additional lab component (BIOL 2325) required.

BIOL 2325 Human Anatomy Lab 0
Prereq: BIOL 1610 (C grade or better) with BIOL2320. Required as portion of BIOL 2320. Hands-on evaluation of anatomical structures using microscopes and dissection. Human cadavers, histology slides & human/animal body parts are used as study materials. One laboratory session per week

BIOL 2350 Field Studies in Biology 1-6
Prereq: BIOL 1610 (with C grade or better) For biology/science majors. This course provides an introduction to field studies of local environments and ecosystems.

BIOL 2420 Human Physiology 4
Prereq: 1610 (C grade or better), w/ BIOL 2425. For HS and biology/science majors. A cellular and systemic approach to the study of body functions, including physical and chemical processes and interactions among the systems. Three hours of lecture per week and additional lab component (BIOL 2425) required.

BIOL 2425 Human Physiology Lab 0
Prereq: BIOL 1610 (C grade or better), w/BIOL 2420. Required as lab portion of BIOL 2420. Hands-on lab investigations of physiological processes. Includes data acquisitions, analysis of cardiovascular, respiratory, digestive, immune & muscular systems. One laboratory session per week.

BIOL 2900 Special Topics in Biology 1-5
Prereq: Defined by instructor. Special topics for students majoring in biology or other science fields. Satisfies BIOL Dept. elective requirement toward AS degree.

BIOL 2990 Independent Study 1-2
Prereq: BIOL 1610 (with C grade or better.) For biology/science majors. This independent study is based on a student-selected biological topic. It may involve laboratory, field and/or library study.

BLA 1110 Bricklayer 1A 5
This course teaches the basics of brick laying, proper tool handling and safety, layout and course measurements.

BLA 1120 Bricklayer 1B 5
This course presents the basics of block masonry and the proper and safe use of tools and equipment.

BLA 1210 Bricklayer 2A 5
This course covers the joining of materials including brick to block, block to stone, arches, and more.

BLA 1220 Bricklayer 2B 5
This course presents the final math portion of the program as it relates to the masonry trade. Also refractory, which is industrial masonry, with safe use of tools and equipment.

BLA 2310 Bricklayer IIIA 5

BLA 2320 Bricklayer IIIB 5

BMA 1110 Boilermaker 1A 5
This course provides instructional training in CPR and First Aid, OSHA Safety, and use of hand and power tools. Basic rigging, hand signals, lifting devices, trade technology and mathematics will also be taught.

BMA 1120 Boilermaker 1B 5
In this course, the apprentice will receive instruction in welding theory, layout, basic drafting, and blueprint reading. Hands-on application in the welding shop will emphasize the theory portion.

BMA 1210 Boilermaker 2A 5
Level II welding including symbols, vertical, overhead, and horizontal welds with both theory and hands-on practical. Level II rigging including setting-up a hoist, install hoist lines and sling angle with practical application in shop.

BMA 1220 Boilermaker 2B 5
Level II drafting with written drafting and drawing, blueprint reading and pattern development. Theory and practical application of tools, layout, and fabrication.

BMA 2310 Boilermaker 3A 5
Level III welding including TIG and MIG theory and practical application. Level III rigging including multi blocks and methods of equaling and distributing loads. Theory and practical application included.

BMA 2320 Boilermaker 3B 5
Practical application of rigging continued. Tube rolling and installation and tank erection with theory and practical application. Blueprint reading III including fabrication also presented.

BMA 2410 Boilermaker 4A 5
Level IV welding including both theory and hands-on application. Level IV rigging theory and practical hands-on.

COURSE DESCRIPTIONS

BMA 2420 Boilermaker 4B 5
Fabrication theory and practical hands-on for metal stud welding and waterwall preparation. Fiberglass theory and hands-on application. Foreman training and trade math also presented.

BRC 1101 Barb/Cos Orientation Lab I 4
Prereq: The first of two labs intended to be taken concurrently. Orientation lab for experience. Includes: sanitation, shampoos, scalp and hair treatments, men's/women's cuts, styling, perms, coloring, manicures, tapers & shaves.

BRC 1102 Barb/Cos Orientation Lab II 4
Prereq: Concurrent with BRC 1101 and BRC 1110. Second of two labs to be taken concurrently. Orientation lab for practice/experience includes shampooing, scalp & hair treatments, hair cutting, styling, permanent waving, hair coloring, manicuring, facial treatments, men's style cuts, tapers, and shaves.

BRC 1110 Barb/Cos Orientation Theory 4
Course covers Professional development, Chemistry, Permanent Waving, Hair coloring, skin structure and disorders, nail structures and disorders.

BRC 1201 Intro to Barb/Cos Lab I 4
Prereq: BRC 1101, concurrent with BRC 1202 & BRC 1210. The first of two labs to be taken concurrently. Practice & experience in all aspects of hairstyling & care, including shampoos, styling, coloring, perms, chemical relaxing, cuts, shaves, tapers, manicures, pedicures, facials, etc.

BRC 1202 Intro to Barb/Cos Lab II 4
Prereq: BRC 1102, Concurrent with BRC 1201 and BRC 1210. The second of two labs taken concurrently. Practice & experience in styling, care, shampoos, coloring, perms, chemical relaxing, cutting, shaves, tapers, manicures, pedicures, facials & scalp massage.

BRC 1210 Intro to Barb/Cos Theory 4
Prereq: BRC 1110, concurrent with BRC 1201 and BRC 1202. Theory of all aspects of men's/ women's hairstyling & care, including shampooing, styling, coloring, permanent waving, chemical relaxing, cutting, shaves, tapers, manicures, pedicures, facials, and scalp massage.

BRC 2301 Intermediate Barb/Cos Lab I 4
Prereq: BRC 1201, concurrent with BRC 2302 and BRC 2310. The first of two labs taken concurrently. Cont'd practical experience with shampoos, scalp treatments, manicures, haircutting, styling, perms, coloring, lightening, chemical relaxing, shaves, trichology, pedicures, and esthetics.

BRC 2302 Intermediate Barb/Cos Lab II 4
Prereq: BRC 1202, concurrent with BRC 2301 and BRC 2310. The second of two labs to be taken concurrently. Cont'd practical experience with shampoos, scalp treatments, manicures, haircuts, styling, perms, coloring, lightening, chemical relaxing, shaves, trichology, pedicures, etc.

BRC 2310 Intermediate Barb/Cos Theory 4
Prereq: BRC 1210. This course is a discussion of bacteriology, properties and disorders of the hair and scalp, electricity and light therapy, anatomy and physiology, State Board 10 min. facial, and shaving review.

BRC 2401 Advanced Barb/Cos Lab I 4
Prereq: BRC 2301, concurrent with BRC 2402 and BRC 2410. Practical application of haircutting, hairstyling, perms, coloring, hair lightening, shampooing and conditioning, chemical relaxing, manicures, scalp treatments, and esthetics.

BRC 2402 Advanced Barb/Cos Lab II 4
Prereq: BRC 2302, concurrent with BRC 2401 and BRC 2410. Practical application of haircutting, hair styling, perms, coloring, hair lightening, shampoo and conditioning, chemical relaxing, manicures, scalp treatments, and esthetics on manikins and clientele.

BRC 2410 Barb/Cos State Board Prep 4
Prereq: BRC 2310. Course covers professional development, chemistry, permanent waving, hair coloring, skin structures and disorders, nail structures and disorders.

BRC 2710 Color Principles 2
Prereq: BRC 1200. This course offers an exploration of basic color principles in a transparent color medium (water color) followed by application of these principles in hair color, cosmetics and related cosmetology area.

BRC 2810 Salon Success 2
This course covers how-to build & keep your clientele, selecting salon location, appearance, commissions, hourly wages, benefits, expenses, telephone etiquette, appropriate client conversion & management skills for owners & managers.

BRC 2860 Ethnic Hair 2
Prereq: MGT 1100, LE 1220, COM 1010, BRC 2710, BRC 2810. This course will explore concepts such as chemical relaxing, soft curl perming, press and curl, ethnic hair products, hair cutting techniques and special needs of various ethnic clients.

BRC 2870 Advanced Hair Design 2
Prereq: MGT 1100, LE 1220, COM 1010, BRC 2710, BRC 2810. Basic techniques of advanced styling concepts; competitions, long hair styling and how they apply to hair design will be taught.

BRC 2910 Reinforced Theory 3-6
Prereq: BRC 2410. This course includes advanced techniques in chemical processing, coloring and preparation for State licensing exam. This course is designed for those who have not completed required hours for the state license.

BRC 2990 Independent Study 0-16
Prereq: Instructor's approval. This course is designed for those students needing to accumulate additional clock hours upon completion of required course work.

BTEC 1010 Fund/Biotechnology I 3
Career exploration in biotechnology; emphasis on central dogma of biology, DNA techniques, applications in biotech, and bioethics. Topics include forensics and human cloning. Lab work will be included in this course.

BTEC 1020 Fund/Biotechnology II 3
Prereq: BTEC 1010. Emphasis on the nature of proteins and various techniques used to purify and analyze. Presentation of industry standards; including good manufacturing and lab practices, quality control, assurance and validation.

BTEC 1030 Biotechnology Seminar I 2
Critical reading of scientific literature; scientific oral and written skills; web-based curriculum will be used to explore the "Nature of Science" or how the process of scientific experimentation evolves.

BTEC 1060 Nucleic Acid/Protein Biotech 2
Prereq: BTEC 1010 and BIOL 1610. The chemistry of DNA, RNA and proteins will be the foundation for learning about the biological structure, function and analysis of these macromolecules.

BTEC 1110 Intro to Biomanufacturing 3
A model course for introducing Biomanufacturing job skills with local companies specializing in Biomanufacturing and Quality control. Course will include fieldtrips to area sites for development of quality control standards.

BTEC 2010 DNA Manipulation/Analysis 4
Prereq: BTEC 1010 and BTEC 1210. Mastery of lab skills relevant to DNA technology; including recombinant DNA cloning, DNA gel electrophoresis, polymerase chain reaction and DNA mutagenesis. Cutting-edge techniques such as DNA micro arrays will be explored.

BTEC 2020 Protein Separation/Analysis 4
Prereq: BTEC 1020 and BTEC 1060. Emphasis on protein production, purification and analysis. Includes polyacrylamide gel electrophoresis, chromatography, two-hybrid analysis, western blot, ELISA'S, and FPLC. Proteomics will be discussed.

BTEC 2030 Cell Culture Techniques 3
Prereq: BIOL 2170. Basics of prokaryote and eukaryote cell culture; includes, handling, storage, and maintenance of bacterial, mammalian and yeast stocks. Media preparation and sterile techniques emphasized. Includes in vitro labeling and transfection.

BTEC 2040 Advanced DNA Lab Techniques 4
Prereq: BTEC 2020. This will be a six week module designed to teach students fermentation processes; including growth, isolation, harvesting, and maintenance of industrial microorganisms. Use of equipment and instrumentation will be emphasized.

BTEC 2050 Bioinformatics 2
Prereq: BTEC 2010. This course will be a six-week module that trains students to use computer programs and software to gather, store, analyze and integrate biological data, such as genomes and DNA microarrays. Previous computer knowledge is not needed.

BTEC 2100 Biotechnology Internship 7
Prereq: Faculty approval. Four to six objectives will be established by faculty and industry supervisor, along with appropriate duration of internship.

BUS 1050 Foundations of Business (ID) 3
Prereq: It is strongly recommended that this class be taken after (or concurrent with) ENGL 1010 or that the students have compatible writing skills. Historical, sociological and philosophical overview of the fundamental aspects of business. Topics: business in a world of change, socioeconomics, the human factor and ethics in the workplace and social responsibility in a global market.

BUS 1100 Applied Business Calculus 3
Prereq: MATH 1050 or MATH 1090. This course examines the mathematics of calculus applied to business applications. Polynomial and exponential functions, mini-maxi theory, limits, derivatives and integration will be reviewed.

BUS 1910 Special Projects (PBL) 2
Students participate in the Phi Beta Lambda organization which promotes competent, aggressive business leadership; understanding of American free enterprise; setting of career goals; building character and self-confidence.

BUS 2200 Business Communications (IN) 3
Prereq: ENGL 1010 with C or better. Students develop critic reading, thinking, and business writing skills. They analyze communication situations, develop effective arguments, use appropriate business styles and forms, and design presentations, often as teams.

BWL 1110 Boilermaker, Welder, Layout IA 5
Hands-on class in basic blueprint reading for industry and layout for metal fabrication. Material covered is for basic print reading, weld types, and materials used. Introduction to layout processes and procedures.

BWL 1120 Boilermaker, Welder, Layout IB 5
Hands-on class in advanced blueprint reading for industry and layout for metal fabrication. The material covered is for advanced print reading, specialty welds, and advanced layout for metal fabrication.

CAPS 2991 CAPS Apprenticeship I 1-18
Prereq: Instructor Approval. Advanced framing with emphasis on floor systems. Qualified incarcerated students participate in the CAPS program, a partnership between Utah Housing, Utah Correctional Industry, and SLCC BC/CM program at the Prison.

CAPS 2992 CAPS Apprenticeship 2 1-18
Prereq: Instructor Approval. Advanced Framing with emphasis on walls. Qualified incarcerated students participate in the CAPS program, a partnership between Utah Housing, Utah Correctional Industry, and SLCC BC/CM program at the Prison.

CAPS 2993 CAPS Apprenticeship 3 1-18
Prereq: Instructor Approval. Advanced Framing with emphasis on roofs. Qualified incarcerated students participate in the CAPS program, a partnership between Utah Housing, Utah Correctional Industry, and SLCC BC/CM program at the Prison.

CAPS 2994 CAPS Apprenticeship 4 1-18
Prereq: Instructor Approval. Advanced Framing, emphasis on interior/exterior finishes. Qualified incarcerated students participate in the CAPS program, a partnership between Utah Housing, Utah Correctional Industry, and SLCC BC/CM program at the Prison.

CEEN 1100 Civil Engineering Design 3
Prereq: MATH 1010. The progression of civil and environmental engr. including the major elements of the profession. An understanding of the core disciplines and design in engr. is reviewed. It includes speakers, design project, and lectures.

CEEN 2000 Cooperative Education 1-2
Prereq: Sophomore standing with minimum GPA of 2.0 and instructor's approval. A supervised work experience in a business, industrial or government related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new learning related to the major.

CEEN 2010 Statics 3
Prereq: MATH 1210, PHYS 2210. Principles of forces, moments & couples; resultant & static equilibrium of general force systems; statically equivalent systems, center of gravity & pressure; friction; free body method of analysis. Principles applied to engr. problems.

CEEN 2020 Dynamics I 2
Prereq: CEEN 2010, MATH 1220. Position, velocity and acceleration, vector calculus, particle kinematics, kinetics of particles, including Newton's Laws, conservation of momentum and energy, and impact vibratory motion of particles are covered.

CEEN 2130 Economics w/ Prob. & Stat. 4
Prereq: MATH 1050. Lectures and discussion on Engineering economic decisions, equivalence & interest formulas, rate of return, project evaluation and cash flow, depreciation, taxes, and an intro. to Eng. Probability and Statistics.

CEEN 2140 Strength of Materials I 2
Prereq: CEEN 2010, concurrent with MATH 2250. Internal forces in members, concept of stress & strain, axial loading, Hooke's Law, torsion, pure bending, traverse loading, transformations of stress & strain, pure vessels, column bending are discussed.

CEEN 2145 Strength of Materials Lab 1
Prereq: Concurrent with CEEN 2140. This is an introductory laboratory in mechanical behavior of materials using basic testing methods and instrumentation, column bending, tension and compression of metals, concrete failure, Charpy's Impact, and creep tests.

CEEN 2240 Surveying 3
Prereq: MATH 1060. Surveying procedures and their application to design and construction are taught. Students receive hands-on experience using total stations, GPS, and other surveying equipment. Laboratory included.

CEEN 2300 Engineering Thermodynamics 2
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

CEEN 2320 Strength of Materials II 2
Prereq: CEEN 2140, concurrent w/CEEN 2145 and MATH 2210. Combined stresses and stress resolution, deflections in beams, energy methods, statically indeterminate members and structures, shear centers, failure criteria and instability of columns are taught.

CEEN 2410 Structural Theory I 3
Prereq: CEEN 2140. Students examine structural loads, analysis of statically determinate structures, flexural members, plane trusses, influence lines, simple arches, basic cable theory and influence lines for beams and trusses.

CEEN 2450 Numerical Techniques 2
Prereq: CS 1050, MATH 2250. Order of convergence; error accumulation; root finding; solution of linear and nonlinear equations; numerical integration and differentiation. Solutions to ordinary and partial differential equations will be discussed.

CEEN 2900 Special Topics-Civil Engr. 1-3
Special topics in Civil/Environmental Engineering.

CHE 2000 Cooperative Education 1-2
Prereq: Sophomore w/minimum 2.0 GPA, instructor's approval. This is a supervised work experience in a business, industrial or government environment, related to the program major. Credit is award for successful completion of specified learning objectives.

CHE 2300 Engineering Thermodynamics 2
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

CHE 2800 Fund. of Process Engineering 3
Prereq: CHE 2300. Material and energy balances, fundamentals of multi-component phase properties and phase equilibria, numerical and graphing calculations, degrees of freedom and applications to process engineering calculations are covered.

CHE 2900 Special Topics-Chem. Engr. 1-3
Special Topics in Chemical Engineering.

COURSE DESCRIPTIONS

CHEF 1110 Sanitation 3
This is an introduction to environmental sanitation and hazardous analysis critical control point-based food safety practices. Attention is focused on prevention of food-borne illness.

CHEF 1120 Introduction to Food Service 3
An overview of the food service industry both past and present. Organizational structure and various types of food service establishments are studied. Current and future trends in the food industry are examined and discussed.

CHEF 1130 Management of Marketing 3
This course explores various marketing systems including implementation, segmentation and positioning. Students will be required to produce a feasibility study based on a thorough market survey.

CHEF 1210 Food and Beverage Service 3
The course concentrates on professional standards of performance for dining room personnel. This course may be taught with a service-learning component. Check course schedule for details.

CHEF 1250 Food Preparation 6
Basic fundamental skills and techniques are presented through lecture and demonstration emphasizing organization and coordination of tasks.

CHEF 1299 Special Studies 2-5
Prereq: Department Approval. Designed to assist students to obtain specialized training specific to industry needs. Is taught on an as-needed basis when requested by industry.

CHEF 1320 Business Math 3
This class introduces students to the need and principles of controlling costs of food and beverages in a hospitality operation.

CHEF 1330 Foundation Wine 3
Prereq: 21 years of age minimum. This course will provide training on the pairing of food and beverages, including wines and other beverages both alcoholic and non-alcoholic.

CHEF 1350 Food Preparation Lab 6
Prereq: CHEF 1110. This is an applied, hands-on skill training of the principles learned in the CHEF 1250 class. Students have already completed or must concurrently be registered for the CHEF 1110 class.

CHEF 1600 Herb Horticulture 1
This course is a combination of both lecture and hands-on. Students identify, cultivate and use various herbs. Students plant, maintain and harvest herbs from a school garden.

CHEF 2000 Baking Co-Op 4
Cooperative education permits the students to gain college credit for the hours spent on the job. Advanced registration and agreement signed between employer, student, and the College must be in place before the semester begins.

CHEF 2001 Culinary Arts CO-OP 2-4
Co-op permits students to gain college credit for the hours spent on the job. Adv. registration and agreement signed between employer, student, and College required prior to the semester beginning.

CHEF 2410 Purchasing 3
Principles and typical industry practices of purchasing food non-food supplies and equipment for hospitality operations will be taught. Various methods of understanding and preparing specifications are required in a class project.

CHEF 2420 Baking 3
An introduction to the principles and techniques used in the preparation of high-quality baked goods and pastries and evaluation of quality characteristics.

CHEF 2460 Baking Lab 3
Prereq: CHEF 1110. This is an applied, hands-on skill training of the principles learned in the CHEF 2420 class. Students have already completed or must concurrently be registered for the CHEF 1110 class.

CHEF 2510 Continental Cuisine 3
Cold kitchen cookery is taught. An introduction to three main areas of the cold kitchen: reception foods, plated appetizers, and buffet arrangements.

CHEF 2520 Nutrition 3
In this course, students learn about basic nutrients, food labeling, current issues in nutrition, and the application of nutritional principles to menu development.

CHEF 2560 Continental Cuisine Lab 3
Prereq: CHEF 1110. This is an applied, hands-on skill training of the principles learned in the CHEF 2510 class. Students have already completed or must concurrently be registered for the CHEF 1110 class.

CHEF 2610 Menu Design 3
An in-depth review of different types of menus precedes actual costing, pricing and analyzing of menus. Menu mechanics, such as typeset, weight and layout are practiced in accordance with current truth in menu regulation.

CHEF 2620 Supervision and Training 3
This is a business management course with techniques of supervision and training specifically used in hospitality operations being taught. Styles of management are examined with advantages/disadvantages of each.

CHEF 2680 Catering Management 3
Prereq: CHEF 1110. Students study how to organize and operate a small to mid sized catering business. Students participate in hands on activities that can go towards their required 2000 hours on-the-job requirement for graduation.

CHEM 1010 Intro to Chemistry (PS) 3
Survey of general chemistry: structure, composition, properties and chemical transformations. This course may be taught with a service-learning component. Check course schedule for details.

CHEM 1100 Preparatory Chemistry 3
Introduction to basic concepts in chemistry. Emphasizes application of math principles, use of computers and other problem-solving methods. Preparation for CHEM 1210 series.

CHEM 1110 Elementary Chemistry 4
Prereq: MATH 1010 or equivalent, concurrent w/CHEM 1115. Introductory course in general inorganic and organic chemistry of hydrocarbons of functional groups. For health science students and other non-chemistry majors.

CHEM 1115 Elementary Chemistry Lab 1
Prereq: Concurrent with CHEM 1110. Graded laboratory taken concurrently with CHEM 1110.

CHEM 1118 Elem. Chem. Problem Session 1
Problem session for CHEM 1110. Though not required, students are strongly encouraged to register for this session.

CHEM 1120 Elementary Bioorganic Chem 4
Prereq: CHEM 1110, concurrent with CHEM 1125. Introductory organic chemistry of heteroatom functional groups and introductory biochemistry. Primarily for health science students and other non-chemistry majors.

CHEM 1125 Elem. Bioorganic Chemistry Lab 1
Prereq: concurrent with CHEM 1120. Graded laboratory taken concurrently with CHEM 1120.

CHEM 1128 Elem. Bioorg. Chem. Prob. Sess 1
Problem session for CHEM 1120. Though not required, students are strongly encouraged to register for this session.

CHEM 1210 General Chemistry I 4
Prereq: MATH 1050 w/C or better, concurrent with CHEM 1215. Fundamentals of inorganic chemistry. Atomic structure chemical bonding, chemical reactions, solution chemistry, stoichiometry, periodic table, thermochemistry, kinetics, gases, and kinetic molecular theory will be covered.

CHEM 1215 General Chemistry Lab I 1
Prereq: Concurrent with CHEM 1210. Graded laboratory taken concurrently with CHEM 1210.

CHEM 1218 Gen. Chem. I Problem Session 1
Problem session for CHEM 1210. Though not required, students are strongly encouraged to register for this session.

CHEM 1220 General Chemistry II 4
Prereq: CHEM 1210, concurrent with CHEM 1225. Chemical kinetics, equilibria, acids and bases, entropy and free energy, precipitation reactions, electrochemistry, main group chemistry, nuclear chemistry, metallic bonding theories, hybridization, intro to organic chemistry.

CHEM 1225 General Chemistry Lab II 1
Prereq: Concurrent with CHEM 1220. Graded lab taken concurrently with CHEM 1220.

CHEM 1228 Gen. Chem. II Problem Session 1
Problem session for CHEM 1220. Though not required, students are strongly encouraged to register for this session.

CHEM 2000 Chemistry CO-OP 2-4
Prereq: Instructor's approval. Cooperative education represents flexibility and alternative opportunities for students to complete portions of their educational goals through new learning associated with study-related internships or employment.

CHEM 2310 Organic Chemistry I 4
Prereq: CHEM 1220 w/C or better, concurrent with CHEM 2315. Introduction to concepts of organic chemistry. Structure, bonding, reaction mechanisms. Detailed study of alkanes, alkyl halides, alkenes, alkynes, aromatic compounds, alcohols. Intro to spectroscopy and stereochemistry

CHEM 2315 Organic Chemistry Lab I 1
Prereq: Concurrent with CHEM 2310. Graded laboratory concurrent with CHEM 2310.

CHEM 2318 Organic Chem. I Prob. Session 1
Problem session for CHEM 2310. Though not required, students are strongly encouraged to register for this session.

CHEM 2320 Organic Chemistry II 4
Prereq: CHEM 2310 w/C or better, concurrent with CHEM 2325. Conjugated and aromatic systems, organometallic compounds carbonyl compounds, carboxylic acids and derivatives, amines biological molecules. Mechanistic organic chemistry, functional group transformation and multistep synthesis.

CHEM 2325 Organic Chemistry Lab II 1
Prereq: Concurrent with CHEM 2320. Graded laboratory concurrent with CHEM 2320.

CHEM 2328 Organic Chem. II Prob. Session 1
Problem session for CHEM 2320. Though not required, students are strongly encouraged to register for this session.

CHFA 1110 Sanitation 3
This is an introduction to environmental sanitation and hazardous analysis critical control point-based food safety practices. Attention is focused on prevention of food-borne illness.

CHFA 1120 Introduction to Food Service 3
An overview of the food service industry both past and present. Organizational structure and various types of food service establishments are studied. Current and future trends in the food industry are examined and discussed.

CHFA 1130 Management of Marketing 3
This course explores various marketing systems including implementation, segmentation and positioning. Students will be required to produce a feasibility study based on a thorough market survey.

CHFA 1210 Food and Beverage Service 3
The course concentrates on professional standards of performance for dining room personnel. This course may be taught with a service-learning component. Check course schedule for details.

CHFA 1220 Beginning Food Preparation 3
Prereq: CHFA 1110. Basic fundamental skills and techniques are presented through lecture and demonstration emphasizing organization and coordination of tasks. Students have already completed or must concurrently be registered for the CHFA 1110 class.

CHFA 1310 Advanced Food Preparation 3
Prereq: CHFA 1110. Advanced skills and techniques are presented through lecture and demonstration emphasizing organization. Students have already completed or must concurrently be registered for the CHFA 1110 class.

CHFA 1320 Business Math 3
This class introduces students to the need and principles of controlling costs of food and beverages in a hospitality operation.

CHFA 1330 Foundation Wine 3
This course will provide training on the pairing of food and beverages, including wines and other beverages both alcoholic and non-alcoholic.

CHFA 1600 Herb Horticulture 1
This course is a combination of both lecture and hands-on. Students identify, cultivate and use various herbs. Students plant, maintain and harvest herbs from a school garden.

CHFA 2000 CO-OP 4
Cooperative education permits the students to gain college credit for the hours spent on the job. Advanced registration and agreement signed between employer, student, and the College must be in place before the semester begins.

CHFA 2410 Purchasing 3
Principles and typical industry practices of purchasing food non-food supplies and equipment for hospitality operations will be taught. Various methods of understanding and preparing specifications are required in a class project.

CHFA 2420 Baking 3
Prereq: CHFA 1110. An introduction to the principles and techniques used in the preparation of high-quality baked goods and pastries. Students have already completed or must concurrently be registered for the CHFA 1110 class.

CHFA 2510 Continental Cuisine 3
Prereq: CHFA 1110. Cold kitchen cookery is taught. An introduction to three main areas of the cold kitchen: reception foods, plated appetizers, and buffet arrangements. Students have already completed or concurrently be registered for CHFA 1110.

CHFA 2520 Nutrition 3
In this course, students learn about basic nutrients, food labeling, current issues in nutrition, and the application of nutritional principles to menu development.

CHFA 2610 Menu Design 3
An in-depth review of different types of menus precedes actual costing, pricing and analyzing of menus. Menu mechanics, such as typeset, weight and layout are practiced in accordance with current truth in menu regulation.

CHFA 2620 Supervision 3
This is a business management course with techniques of supervision and training specifically used in hospitality operations being taught. Styles of management are examined with advantages/disadvantages of each.

CHFA 2680 Catering Management 3
Prereq: CHFA 1110. Students study how to organize and operate a small to mid sized catering business. Students participate in hands on activities that can go towards their required 2000 hours on-the-job requirement for graduation.

CHI 1010 Beginning Chinese I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

CHI 1020 Beginning Chinese II (LN) 5
Prereq: CHI 1010 or instructor's approval Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

CHI 1300 Beginning Conversation 1
Prereq: CHI 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

CHI 1900 Special Studies in Chinese 1-2
Prereq: Instructor's approval. In the course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

CHI 2010 Intermediate Chinese I 4
Prereq: CHI 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance is required.

CHI 2020 Intermediate Chinese II 4
Prereq: CHI 2010 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

COURSE DESCRIPTIONS

CHI 2300 Conversation 1
Prereq: CHI 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

CHI 2700 Introduction to Literature 3
Prereq: CHI 1020 or instructor's approval. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

CHI 2710 Intro to Chinese Film 3
Prereq: CHI 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Chinese. Lab attendance required.

CHI 2900 Special Topics in Chinese 1-3
This is a course designed by faculty which allows students to explore specific interests in Chinese language and culture. Lab attendance required. May be repeated for credit.

CIS 1015 MS Word Office Fundamentals 3
Students learn basic Microsoft Word skills to create, format and manage documents. Functions such as mail merge, sort, columns, and other formatting skills along with using the software efficiently for business documents are taught.

CIS 1020 Computer Essentials (CL) 3
A hands-on introduction to problem solving using Computer tools. Basic hardware and Office software products topics are discussed.

CIS 1030 Object-Oriented Programming I 3
Prereq: Concurrent with CIS 1020. Introduces fundamental concepts of programming using an object-oriented language such as Java. No prior programming experience is necessary for successful course completion. Topics: syntax, control structures, arrays and algorithms.

CIS 1130 Object-Oriented Programming II 3
Prereq: CIS 1030. Continuation of CIS 1030. Fundamental concepts of object-oriented design and programming in Java. Classes from the Java API and user-defined classes are used. Topics: GUIs, data collection and manipulation, complex algorithms.

CIS 1135 Object-Oriented Analy./Design 3
Prereq: CIS 1130 or concurrent. Provides practical experience designing the construction of object-oriented software. Topics include finding classes, identifying attributes and methods, UML, CRC cards, use-case scenarios. Software tools will be used.

CIS 1430 Internet & HTML Fundmntls (ID) 3
Prereq: CIS 1020 or competency. Learn to use the Internet and create Web-sites. Topics include basic Internet applications & HTML, XHTML, CSS, XML, JavaScript and layout techniques. The Internet's social & legal impacts will be studied.

CIS 1520 Operating Systems 3
Prereq: CIS 1020. Introduces the fundamental concepts of operating systems. command-based & graphical OS's are examined. Concepts include: virtual Memory, multitasking, security, hardware support, & files systems.

CIS 1900 Spec Proj/DPMA 1
Active participation in Professional Organization of CS and CIS is required. Students must attend and report on the regular meetings of the organization. User Groups and Prof organizations qualify which are approved by instructor.

CIS 2000 CIS Co-op Education 1-4
Prereq: Sophomore 2.0 GPA and CIS major. The course provides a supervised work experience in a business, industrial or public sector related to the program major. Credits are awarded for successful completion of learning objectives approved by a faculty coordinator.

CIS 2010 Bus. Computer Profic.-Database 3
Prereq: CIS 1020 or Challenge Exam. Students develop knowledge and skills using database management software as a business problem solving tool. Course consists of lectures and demonstration of software tools and syntax for using the features.

CIS 2150 Computer Organization 3
Prereq: CIS 1030 and CIS 1130 (or concurrent.) The course explores specific physical and functional characteristics of computer memories, CPU, peripherals and interfaces between components and is designed to clarify the relationships between software and hardware.

CIS 2350 UNIX/LINUX System Admin. 3
Prereq: CIS 1020 or competency test. Introduction to Unix Usage and Administration. Topics include fundamental commands, communications, networking and script writing. Includes survey of several versions including BSD, AT&T, Solaris, and Linux.

CIS 2410 Adv. Spreadsheet Applications 3
Prereq: CIS 1020 or Challenge Exam. An extensive study and hands-on examination of practical business applications of electronic spreadsheet. The course provides a comprehensive coverage of features available in the current Windows spreadsheet software.

CIS 2420 Networking Fundamentals 3
Prereq: CIS 1430. This is a Computer Networking foundation course. Topics include the OSI model, common protocol suites, network standards, and network topologies. Course covers both PC and mainframe solutions such as NT Server, Novel & Unix.

CIS 2430 Internet Programming & Admin 3
Prereq: CIS 1430. Students learn to create E-Commerce solutions and Internet. applications using PERL, JAVA, Javascript, HTML, XML, etc. Students also learn TCP/IP and socket programming along with administration of Server Software.

CIS 2460 Network Management 3
Prereq: CIS 1520. Network management using Novell Netware and Window NT Server. Topics include file system management, security, and interoperability in a typical multiplatform environment.

CIS 2550 Data Base Programming 3
Prereq: CIS 1030, CIS 1550. Implementation of data base programming usage and concepts in creating a data base system.

CIS 2600 Fundamentals of Database Mgmnt 3
Prereq: CIS 1030 or concurrent. Includes a study of hardware, standard and customized access methods, DBMS software, and database design methods. Emphasis is on the relations model using E-R and SOM. Additional topics are: Distributed DB, OODBMS, & Admin

CIS 2650 ORACLE Database Development 3
Prereq: CIS 1550. Introduction to ORACLE Database Development. Topics included are: SQL/Plus, PL/SQL, ORACLE forms, ORACLE reports, and Designer Tools.

CIS 2730 C++ Programming w/Objects 3
Prereq: CIS 1135. C++ Programming and OO design are studied in this course. Topics include class design and definition, encapsulation, inheritance and polymorphism, file manipulation, dynamic memory, data abstraction, and object interactions.

CIS 2735 Windows Applica. Programming 3
Prereq: CIS 2730. Adv. continuation of CIS 2730. Students will design/develop object-oriented systems in C++. MFC class libraries are studied and used. Database interaction, doc/view architecture, & other topics may be studied & implemented.

CIS 2760 Java I 3
Prereq: Concurrent with CIS 1135. Provides the student with the required knowledge & skills to build business object-oriented programs using Java. Students will learn the Java syntax & all necessary object-oriented concepts for the creation of meaningful business projects.

CIS 2770 Java II 3
Prereq: CIS 2760. Provides student with the required knowledge and skills to build adv. business object-oriented programs using Java. Students learn Java APIs, design & program large-scale programs using various design patterns in the software development life cycle.

CIS 2780 Java Technologies 3
Prereq: CIS 2770. This is a course dealing with an in depth understanding of JAVA. Discusses current/future technologies in the field. A major coding project of the student's choice with written documentation is required.

CIS 2800 Business Systems Design 3
Prereq: CIS 2600; and CIS 2760 OR CIS 2730. Learn techniques of analyzing, designing, & implementing bus systems. Includes system management, prelim. investigation, detailed investigation, specifications, output & input, documentation, object oriented analysis & design tools.

CIS 2810 E-Commerce Sys. Design/Implmnt 3
Prereq: CIS 2650 and CIS 2750. Students will learn the techniques of E-Commerce implementation. The course includes developing an E-Commerce project proposal, managing the project, project reporting, & project implementation, including electronic publishing/presentation.

CIS 2990 Current Topics in CIS 1-3
Course content varies and is a forum where students are introduced to current and emerging technology. Credit hours vary from 1 to 3 semester hours.

CJ 1010 Criminal Justice 3
This course covers the purpose, function and history of the agencies in our criminal justice system, the Police, Courts, and Corrections.

CJ 1300 Introduction to Corrections 3
Prereq: CJ 1010 or instructor approval. This course examines the history, function and administration of corrections in our criminal justice system.

CJ 1330 Criminal Law 3
Prereq: CJ 1010. Examines crimes, defenses, and the historical origins and functions of criminal law in our society. Included are criminal trial, pre- and post-trial motions and the law enforcement officer as a witness & tactics of defendants.

CJ 1340 Criminal Investigations 3
Prereq: CJ 1010. Duties of officers in investigation of crimes. Included are investigative techniques in preliminary & follow-up investigation: reports, interviewing, interrogation, obtaining information, locating & arresting suspects, prep. for trial.

CJ 1350 Intro to Forensic Science 3
Prereq: CJ 1340 strongly recommended. This covers the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in examination of evidence.

CJ 1900 Special Studies 1-24
This course covers independent study in criminal justice. Students can earn 2-4 elective credits for this class. CJ elective credit may also be earned for POST, EMT, or other training courses offered at SLCC Institute of Public Safety.

CJ 1910 Special Function/Reserv Office 12
Module I - 12 weeks. Must be 21 years old by graduation from Module II. Eligible for airport of campus security, corrections, and constable service.

CJ 1920 Peace Officer Basic 12
Prereq: Must complete CJ 1910. Module II - 19 weeks. Law Enforcement Certification.

CJ 2000 Criminal Justice Co-op 2-4
Prereq: CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2350. This course provides for supervised work experience in a public or private agency related to criminal justice. Must complete specific learning objectives related to their program major and employment.

CJ 2020 Criminal Justice Supervision 3
Prereq: CJ 1010. Designed for first line supervisors in criminal justice agencies. Topics covered include work environment, diversity, motivation, discipline, evaluation, planning and leadership. Supervisory report writing is an integral part.

CJ 2060 Community Corrections 3
Prereq: CJ 1010. Examines the types of sentences utilized as alternatives to incarceration. Included are probation, parole, substance abuse and other treatment programs, half-way houses, house arrest, electronic monitoring, community service, etc.

CJ 2110 Introduction to Security 3
Prereq: CJ 1010. Studies security in the private sector. Covered are personnel investigations, physical security, investigative techniques, security awareness, risk management and internal and external theft and fraud.

CJ 2260 Contemporary Prison/Jail Issues 3
Prereq: CJ 1010. Focuses on the various problems encountered in prisons and jails. Topic areas include officer morale & conduct, inmate culture, cultural diversity, custody & control, discipline, treatment, inmate deprivations and violence.

CJ 2330 Juvenile Justice 3
Examines juvenile crime, trial and sentencing, trying of juveniles as adults. Laws regarding child abuse, foster care, termination of parental rights, child custody, adoption and the evolving nature of juvenile law.

CJ 2350 Laws of Evidence 3
Prereq: CJ 1330. Course covers law and procedure regarding evidence in criminal cases. Special attention will be placed on laws of arrest, search and seizure and the exclusionary rule. Role in presenting evidence at trial will also be covered.

CJ 2390 Traffic Law/Related Services 3
Course covers the role of law enforcement in traffic safety, traffic law, accident investigation, auto-related crime investigation and other highway related problems.

CJ 2410 Introduction to Victimology 3
Prereq: CJ 1010. This course examines the science of victimology.

CJ 2420 Anatomy of Homicide Investigation 3
This course follows investigative methods utilized in homicide cases.

CJ 2430 Satanism/Cults 3
Prereq: CJ 1010. This course examines Satanism and occult crimes.

CJ 2440 Organized Crime 3
Prereq: CJ 1010. This course examines roots, causes, and operations of organized crime in the United States and around the world from the late 1800's to the beginning of the Mafia to modern gangs and organized criminal elements.

CJ 2450 Terrorism 3
Prereq: CJ 1010. This course examines the history and development of terrorism in modern society and the destructive methods that terrorists use to accomplish their goals. Also included is a section on bio-terrorism.

CJ 2460 Psychological Profiling 3
Prereq: CJ 1010. This course examines the technique of criminal investigation analysis and psychological profiling.

CJ 2470 Introduction to Criminology 3
Prereq: CJ 1010. This course covers various theories in the study of criminology and criminal behavior.

CJ 2480 Crime Scene Processing 3
Prereq: CJ 1010. This course covers the duties and responsibilities of the crime scene technician at the scene of the crime. Includes instruction on the proper collection, handling, and securing of evidence.

CJ 2490 Drug Trafficking 3
Prereq: CJ 1010. This course examines the government's efforts in the war on drugs.

CJ 2500 Contemporary Violence 3
Prereq: CJ 1010. This course examines violence in our society. Topics covered will be serial killing, mass murder, spree killing, etc.

CJ 2510 Psychology of Criminal Behavior 3
Prereq: CJ 1010. This course examines the psychological aspects of criminal behavior.

CJ 2520 Victim Issues 3
Prereq: CJ 1010. This course examines various issues in the criminal justice system as they relate to the victims, witnesses, and offenders.

CJ 2530 Police Patrol Techniques 3
Prereq: CJ 1010. This course covers the history, dynamics, and principles of police patrol operations and techniques. Special emphasis will be on Directed Patrol, Service-Oriented Policing, and cutting-edge approaches to front-line street policing.

CJ 2540 Careers in Law Enforcement 3
Prereq: CJ 1010. This course provides an insight into the workings and hiring practices of various law enforcement agencies such as ATF, DEA, FBI, and local, county, and state police agencies. Also available is access to law enforcement guest lectures.

COURSE DESCRIPTIONS

CJ 2550 Emergency Management Principles	3
This course helps students understand the Emergency Management System which includes awareness of the four phases of emergency management, emergency planning, and exercising emergency plans.	
CJ 2920 Special Topics in CJ	3
The specific titles of courses and credit hours will appear in the class schedule. The courses offered under this category are utilized to offer the student educational opportunities in current criminal justice/law enforcement issues.	
CMA 1110 Cement Mason 1A	5
This course covers the use and characteristics of concrete, materials used, safe use and practices with tools and equipment. Course also covers sub-grade preparation and form work.	
CMA 1120 Cement Mason 1B	5
Placement of concrete, finishes including interior, exterior and highway finishes. Curing protection of additives for concrete with tests on strength, slump, and air entrainment.	
CMA 1210 Cement Mason 2A	5
Blue Print reading and estimating of material and labor needed. Practical training in design and layout and continued hands-on with placement and finishes.	
CMA 1220 Cement Mason 2B	5
Level II blueprint reading and estimating with additional curing and additive methods and uses. Surface treatment of concrete and uses of each. Hands-on practical for all phases of concrete construction.	
CMA 2310 Cement Mason 3A	5
Use and care of tools and equipment including safe operation and handling. Concrete testing and meaning of strength and slump test results as well as air entrainment.	
CMA 2320 Cement Mason 3B	5
Placement of concrete finishes used and purposes, and decorative and specialty finishes. Safety in the work place and requirements of safety when working with concrete.	
COMM 1010 Elements of Eff. Comm (CM, IN)	3
Com principles & practice applied in dyadic, group, written, electronic, & oral presentation assignments. Listening, perception, verbal clarity, non-verbals, diversity, conflict mgmt & interviewing in workplace and interpersonal settings.	
COMM 1020 Principles/Public Speaking (CM, IN)	3
Preparing and delivering speeches for civic and professional occasions. Basic theory & skills practice, including audience analysis, anxiety mgt, critical listening, supporting claims with evidence, persuasion, motivation, delivery.	
COMM 1050 Elem. of Human Comm. (HU)	3
Survey of the basic issues, theories, and perspectives in the study of human communication, through critical analysis of oral, written and audio-visual texts.	
COMM 1120 Principles of Interviewing	3
Interviewing methods with emphasis on interview design and questioning techniques in business, professional, and journalistic environments.	
COMM 1130 Reporting for the Mass Media	4
Organization and written presentation of facts to a mass audience, with emphasis on reporting and writing news. Development of information-gathering skills for presentation through mass media.	
COMM 1250 Broadcast Perform.& Interpret.	3
Integrates the theory & practice of performance studies as applied in broadcast and other communication settings. Provides experience & training in voice, articulation, pronunciation, breathing, interpretation, general appearance, & presentation.	
COMM 1270 Analysis of Argument	3
Introduction to the study of argumentation--reasoning, issues, audience analysis--in decision-making contexts.	
COMM 1500 Intro. to Mass Comm. (ID)	3
Introductory survey of field of mass communication. Preview of function, performance, and structure of individual mass media and the relationships between media audiences and media and government.	

COMM 1560 Radio Production	2
Prereq: Concurrent with COMM 1561. This course provides instruction and experience in the production of audio programs for radio, including the history, career opportunities, issues, and techniques of radio. The student radio station provides daily student participation.	
COMM 1561 Radio Production Lab	1
Prereq: Concurrent with COMM 1560. This is the lab portion of the Radio Production class. Students will use the radio lab facilities to complete audio projects and/or to do on-air work on the student radio station.	
COMM 1610 Journalism I Reporting/Writing	3
Prereq: ENGL 1010. This is a basic survey course in journalism, emphasizing fact finding & news writing, including investigative reporting on specific beats. Class members contribute to the student newspaper and/or to other student news media.	
COMM 1620 Journalism II – Editing	3
Prereq: COMM 1610. Students study in-depth reporting, focusing on the rules of correct news writing, copyediting, interpretive & editorial writing, & reporting on a deadline. Class members also contribute to the student newspaper and/or other student news media.	
COMM 1630 Journalism III-Layout & Design	3
Prereq: COMM 1610. Students study advanced news writing and overall layout and design of a newspaper and/or newscast, using contemporary tools for those tasks. Class members may also contribute to the student newspaper and/or other student media.	
COMM 1800 Digital Media Essentials	4
Intro to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.	
COMM 1900 Special Studies/ Communication	1-3
Prereq: Department approval. Students plan areas of study and work with an instructor on individual basis.	
COMM 2000 Communication CO-OP/Internship	1-6
Prereq: Department approval. Supervised work experience in a business, industrial, or government environment related to the student's COMM program sequence. Credit awarded for successful completion of specified learning objectives that provide new learning.	
COMM 2020 Persuasion Practices	3
Study and practice of principles of persuasion in public speaking and other forms of communication.	
COMM 2110 Interpersonal Communication	3
Development of listening skills, situational analysis and participation in various interpersonal contexts through focus on the elements and processes which contribute formation, maintenance and termination of relationships.	
COMM 2120 Small Group Communication	3
Introduces elements of the small group process, focusing on problem-solving and decision-making techniques. Development of students' skills of participation and analysis in decision-making.	
COMM 2150 Intercultural Commun. (ID, DV)	3
Examination of how cultural similarities and differences impede or enhance communication across cultures. Issues of diversity, values, norms among different cultures, as well as issues of cultural diversity, values and norms.	
COMM 2170 Organizational Communication	3
Introduction to the various perspectives on organizational communication, as manifested in the theories, principles, and practices which predominate in modern organizations. Internet only.	
COMM 2200 Broadcast Prod and Performance	4
Prereq: Concurrent with COMM 2205. Development of basic performance and production skills for television, using individual and group assignments.	
COMM 2205 Broadcast Production Lab	1
Prereq: Concurrent with COMM 2200. Hands-on component to the study of television production, using the student television video facility.	

COMM 2300 Introduction Public Relations 3
Survey of tools, principles, practices and publics of public relations profession. Includes lab component where students are expected to produce public relations documents under a time deadline.

COMM 2310 Intermediate Video Production 3
Prereq: Concurrent with COMM 2311. Provides production experience for students with some background in television or video production. Students work on group production projects; may also participate in a weekly news program for student news media.

COMM 2311 Intermediate Video Prod. Lab 1
Prereq: Concurrent with COMM 2310. The lab portion of the intermediate video production class. The lab provides real experience with video and audio equipment in the student radio & television studio facilities.

COMM 2440 Web Site Design 3
Prereq: COMM/EBT/ART 1800. Students learn the knowledge and skills needed to build and manage professional web sites using Dreamweaver & Fireworks. Students create interactive web sites, graphics, animation, and advanced styling using HTML, CSS, & JavaScript.

COMM 2500 Elemt/Issues-Digital Media (ID) 4
An introduction to digital media, including an understanding of the history, trends, devices, services, practices, and societal issues associated with the rise and use of communication technologies.

COMM 2510 Advanced Video Production 3
Prereq: COMM 2310; concurrent with COMM 2511. This class provides advanced video production experience for students who already have significant video production experience. The class produces a weekly news program for student news media and engages in other student-produced group video projects.

COMM 2511 Advanced Video Prod. Lab 1
Prereq: COMM 2311; concurrent with COMM 2510. This is the lab portion of the advanced video production class. The lab provides real experience with video and audio equipment that is part of the student radio and television studio facilities.

COMM 2520 Telecom Web Production 2
Prereq: Concurrent with COMM 2521. Provides basic performance and production skills for the web and other new media, applying visual communication principles to these environments using individual and group assignments.

COMM 2521 Telecom Production Lab 1
Prereq: Concurrent with COMM 2520. Provides the hands-on component to the study of web and new media production, using the telecommunication production lab facility. Students participate in maintaining the slccgloblink.com web site for the Student Media Center.

COMM 2560 Radio Performance 1
Prereq: Concurrent with COMM 2561. This advanced radio performance class provides advanced experience for students who already have some radio production experience. Students are regular participants in the daily broadcasts of the student radio station.

COMM 2561 Radio Performance Lab 2
Prereq: Concurrent with COMM 2560. This is the lab portion of the radio performance class. The lab provides real experience on-the-air at the student radio station and in the audio lab.

COMM 2570 Intro to Visual Communication 4
Visual communication as manifested in photography, television, motion pictures, the Internet, and other visual media. Basic principles of composition, pictorial continuity, and editing that are included in visual media.

COMM 2590 Advertising Media & Sales 3
The course focuses on advertising media planning and media sales, including people and project management. Students learn media formulas and terminology, and work to create media plans and make successful media buys.

COMM 2920 Current Topics-Communication 1-2
Prereq: Department approval. This course examines selected topics not offered in the regular curriculum. Prerequisites may vary and are dependent upon course content. Consult current class schedule for offering and credits under this course number.

COMM 2990 Second Year Project 4
Prereq: COMM 2310, 2311, 2510, 2511, or comparable classes or experience. Students design & produce a capstone video or audio production project, incorporating elements related to their specific interests/specialties & demonstrating a mastery of related competencies & skills.

CPA 1110 Carpentry - Computer Skills/FI 5
Prereq: Instructor's approval and math competency Applied instruction in carpentry techniques. Tool use and safety, maintenance, sharpening, load rigging & hand signals First Aid, CPR and OSHA 10-hour safety class. Basic mathematics, fractions, decimals, and conversions.

CPA 1120 Carpentry - Concrete Forming 5
Prereq: CPA 1110. Course provides training in proper methods used in concrete forming including footings, walls, columns, piers, slabs and suspended structures. Mathematics used in class includes measurements, volumes and areas.

CPA 1210 Carpentry - Wood Framing 5
Prereq: CPA 1110, CPA 1210. Applied instruction in wood framing, residential and commercial. Building layout, floor & wall framing, trusses, overhangs, canopies and stair design.

CPA 1220 Carpentry - Finish, Interior 5
Prereq: CPA 1110, CPA 1210. Application of siding and exterior trim installation, door and hardware, paneling, trim and moldings. Fabrication and installation of cabinetry and counter tops.

CPA 1470 Math for the Trades 5
This is a customized carpentry course in applied mathematics for the trades including algebraic and trigonometric functions.

CPA 2000 Carpentry CO-OP 3-6
Prereq: Instructor's approval Permits students to gain college credit for the hours spent on the job. Advanced registration and agreement signed by employer, employee/student and the College.

CPA 2310 Carpentry - Interior Systems 5
Prereq: CPA 1110. Hands-on application & techniques for installation of metal stud and drywall systems, perfa-taping, suspended ceilings, black iron ceilings, moveable partitions and computer floor installation.

CPA 2320 Carpentry - Welding 5
Prereq: CPA 1110. This course offers applied instruction in basic welding principles and safety including acetylene burning, cutting & welding. Instruction also includes shielded metal arc-flat, vertical, overhead positions and light gage metal welding.

CPA 2410 Carpentry - Blueprint Reading 5
Prereq: CPA 1110, CPA 1210, CPA 2310. Basics in drafting & scaling techniques, numbering systems, elevations, symbols and abbreviations, detail drawing and viewing skills. Introduction to CAD programs and math reviewed.

CPA 2420 Carpentry Completion 5
Prereq: CPA1110, 1120, 1210, 1220, 2310, 2320, and 2410. Advanced application of transits and leveling instruments. Scheduling and estimating costs, MSDS sheets, concrete testing, leadership skills and computer usage.

CPI 1110 Carpenter IA 5
This course teaches beginning construction principles including: tool safety, math, basic blueprint information plan layout, OSHA site safety and P.P.E., and First Aid/CPR certifications.

CPI 1120 Carpenter IB 5
Prereq: CPI 1110. This course teaches basic concrete principles including: math, tools, basic mixes, basic layout, forming, and finishing.

CPI 1210 Carpenter 2A 5
Prereq: CPI 1120. This course teaches basic framing principles including: math, tools, layout from blueprints, floors, walls, roofs, insulation and ventilation.

CPI 1220 Carpenter 2B 5
Prereq: CPI 1210. This course teaches basic finish carpentry including: exterior finishes, roofing, window & door openings, stairs, basic cabinetry and counter tops.

COURSE DESCRIPTIONS

CPI 1470	Math for the Trades	5
This is a customized course in applied mathematics for the including algebraic and trigonometric functions.		
CPI 2000	Carpenter CO-OP	2-4
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.		
CPI 2310	Carpenter IIIA	5
Prereq: CPI 1220. Advanced concrete principles including: commercial blueprints, rigging and lifting, raft and metal slabs, shoring & scaffolding, stairs, chemistry and concrete testing, additives, and advanced estimating.		
CPI 2320	Carpenter IIIB	5
Prereq: CPI 2310. This course teaches advanced framing principles including: scaffold safety for metal stud and drywall work, metal stud framing and lay-out, installing metal jams and hanging doors fire walls and metal roof decks.		
CPI 2410	Carpenter IVA	5
Prereq: CPI 2320. This course teaches advanced finish carpentry including: equipment setup, jigs and templates, gluing and clamping techniques, advanced cabinetry, installing locksets, remodeling, restoration and refinishing.		
CPI 2420	Carpenter IVB	5
Prereq: CPI 2410. This course teaches construction and administrative skills. Computer Assisted Drafting (CAD), building codes, advanced lay-out, bidding and estimating, material purchasing, and commercial blueprints will be learned.		
CS 1050 Engineering Computing		3
Prereq: MATH 1050, concurrent w/MATH 1060. A first course in engineering problem solving, this course introduces Matlab and C++. Problems are drawn from disciplines in science and engineering. No previous experience with computer programming is assumed.		
CS 1100 Computer Operations		2
Prereq: CIS 1020. This course provides practical, hands-on experience with microcomputers. Topics include operating systems, problem solving, hardware and software setup, upgrades, peripherals, disk management, and trouble shooting.		
CS 1300 Beginning VB.NET Programming		3
Prereq: CIS 1020. A first programming course using VB.NET. Topics include problem solving, modeling, data types, style, UI design, decision and repetition control, file i/o, functions, arrays, classes and GUI widgets.		
CS 1400 Fundamentals of Programming		3
Prereq: Computer Literacy. Introduction to problem solving, UML, programming, and computer hardware (basic architecture, numbering systems, data representation). Includes programming exercises in a contemporary object-oriented language.		
CS 1410 Object Oriented Programming		4
Prereq: CS 1400. OO concepts, including classes, encapsulation, inheritance, objects, data abstraction and polymorphism will be covered. Also, data types, control structures, methods and arrays. Algorithms will be implemented in programming exercises.		
CS 1500 Delphi Programming		3
Prereq: CIS 1020, MATH 1050. An introduction to computer programming using Delphi which is a Window's based, object oriented, rapid application development language. Introduces modern programming techniques for the beginner. Lab included.		
CS 1600 Structured Programming Using C++		4
Prereq: MATH 1060 (concurrent). Introductory programming course designed to develop a solid foundation in structured programming by developing computer programs to solve scientific and technical problems. Includes a brief introduction to object oriented programming.		
CS 2000 Co-op Education		1-2
Prereq: Sophomore w/2.0 GPA and instructor's approval. A supervised work experience in a business, industrial, or government environment related to a computer science major. Credit is awarded for successful completion of specific learning objectives.		

CS 2130 Linux Essentials	2
Prereq: CS 1410 or concurrent. Introduces Linux as desktop and server operating system. Topics include basic commands, shell scripting, networking, remote access, CGI, utilities, system administration and server setup. Lab work using Linux is required.	
CS 2210 MCSA/MCSE Module 1	4
Prereq: Computer Literacy. Prepares students for Microsoft exams 70-270, Windows XP Professional and 70-290, Installing, Configuring, and Administering Microsoft Windows 2003 Server Environment. This satisfies two of the core MCSA/MCSE requirements.	
CS 2220 MCSA/MCSE Module 2	4
Prereq: CS 2210. Prepares students for Microsoft exams 70-291, Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure and 70-227, Installing, Configuring, and Administering Microsoft Internet Security & Acceleration (ISA) Server 2000 Enterprise Edition.	
CS 2230 MCSA/MCSE Module 3	4
Prereq: CS 2220. Prepares students for Microsoft exams 70-293, Planning & Maintaining MS Windows Server 2003 Network Infrastructure and 70-294, Planning, Implementing & Maintaining MS Windows Server 2003 Active Directory Infrastructure.	
CS 2320 Computer Maintenance (A+) Cert	4
Prereq: CIS 1010 or equivalent. Troubleshooting, maintenance, and upgrade of PC's. Covers setup, memory management, data back-up, and hardware/prepare students for the CompTIA A+ examination.	
CS 2337 Microsoft MCSE Series Module 7	2
This course consists of a variable elective in the MCSE Series. The specific course material will be based on the demand from students who are completing the seven exam series or want to broaden their background.	
CS 2400 Data Communication/Networking	5
Prereq: CS 1410. An introduction to networking following Network+ core. Topics include: OSI model, wiring, protocols, common network services, directories and interoperability. Lab work using Windows Server 2003, NetWare and Linux.	
CS 2420 Intro: Algorithms/Data Struct.	4
Prereq: CS 1410. A continuation of CS I focusing on dynamic data structures, e.g. stacks, queues, linked lists, trees, hash tables and graphs, and the design and analysis of efficient algorithms. Students apply the concepts in extensive exercises.	
CS 2430 Discrete Structures	3
Prereq: CS 2420. An introduction to discrete mathematics and algebraic structures as applied to computer science. Proposition and logic, finite sets, relations, functions, graph theory, analysis of algorithms and state machines are taught.	
CS 2450 Software Engineering	3
Prereq: CS 1410. Presents concepts, methodology and best-practices necessary to develop large scale software projects. Includes reqts., analysis, design, implementation and testing. Emphasizes current "real world" industry best-practices and tools.	
CS 2461 Network Routing & Switching I	4
Prereq: instructor's approval. The first two modules of the Cisco Network Academy training are covered to prepare students for the Cisco CCNA exam. Covers networking essentials, routers, routing protocols and fabrication of cables to create simple LAN environments.	
CS 2462 Network Routing & Switching II	4
Prereq: Instructor's approval. The second two modules of the Cisco Network Academy training in preparation for the Cisco CCNA and CompTIA Net+ exams. Covers network switches/configuration, routers/configuration routing protocols & troubleshooting fundamentals.	
CS 2510 Intermediate Prog in DELPHI	3
Prereq: CS 2420. An intermediate programming course using DELPHI, a windows based, object-oriented, rapid application development tool. Explores real-world development issues: reusable components, database management and web-based applications.	
CS 2520 Intermediate Programming in VB	3
Prereq: CS 2420. This intermediate programming course focuses on VB and the NET platform. Syntax, data structures, file i/o, NET library, XML, class structure, GUI design, and web/database projects will be discussed.	

CS 2530 Intermediate Programming in C# **3**
Prereq: CS 2420. This intermediate programming course focuses on C# and the .NET platform. Syntax, data structures, file i/o, .NET library, XML, class structure, GUI design, and web/database projects will be discussed.

CS 2540 Intermed. Programming in C++ **3**
Prereq: CS 2420. An intermediate programming course in ANSI standard C++. Emphasis on object oriented design using UML, implementing classic control and data structures in C++, the standard template library, and web programming with CGI.

CS 2550 Advanced Java Programming **3**
Prereq: CS 2420. This programming course focuses on advanced Java topics, including: swing/AWT, threading, RMI, servlets, socket programming, JDBC, Java 2D, Java Beans and streams.

CS 2560 Obj. Oriented Prog/Multimedia **2**
Prereq: ART 2440. A course designed to teach the basics of computer language skills for multimedia production. Emphasis will be placed on the design and implementation of complex variables in multimedia applications.

CS 2700 Fund. of Digital System Design **4**
Prereq: CS 1050, MATH 1050. An introduction to digital systems, Boolean Algebra, and theory and design of Combinatorial and Sequential circuits. Computer-based software tools for schematic capture and gate array implementations are used. Lab included.

CS 2705 Computer Design Lab **2**
Prereq: CS 2700, concurrent with CS 2810. A design lab providing hands-on experience in designing and testing small computer and logic based electronic systems using state of the art design tools and equipment.

CS 2810 Computer Architecture **4**
Prereq: CS 1410. Computer architecture & design: language of the computer, computer arithmetic, assessing & understanding performance, datapath and control, pipelining, memory hierarchies, interfacing processors and peripherals.

CS 2900 Current Topics in Computer Science **0-4**
Prereq: Instructor's approval. This course covers current topics in computer science that meet student needs and industry demands.

CTEL 1010 Leadership & Teambuilding (HR) **3**
Students will discover and develop their strengths in leadership and teambuilding. Career-building strategies will be explored. Students will develop human relations skills that will help them to thrive in a diverse society.

CTEL 1020 Career Speech Skills (CM) **3**
Students will build their speaking, listening, non-verbal and visual presentation skills for industry applications. Students will critically plan and evaluate messages for diverse audiences using sound theoretical models.

DANC 1010 Dance and Culture (FA, DV) **3**
An introduction to dance as a means of cultural expression. Multicultural dance in America is explored, with analysis of how divergent traditions have survived in spite of social and cultural pressures. No dance experience required.

DANC 1090 Bridging the Arts (FA) **3**
Course examines the interconnectedness of art, dance, music and theatre by investigating the artistic elements and common threads within the creative processes to develop an informed appreciation for one's own artistic values.

DANC 1100 Introduction to Ballet I (FA) **3**
An introduction to basic ballet movement, technique, theory, history and terminology. Reading, writing, and concert attendance are part of this course.

DANC 1110 Ballet II **2**
Prereq: DANC 1100 or instructor approval. This is the second semester study of ballet technique, theory and terminology.

DANC 1200 Intro to Modern Dance I (FA) **3**
Intro to modern dance movement, technique, theory & history. Basic dance elements of time, space, shape, & energy will be introduced with emphasis on locomotor skills & movement expression. Reading, writing, & concert attendance included.

DANC 1210 Modern Dance II **2**
Prereq: DANC 1200 or instructor approval. This is the second semester study of modern dance movement, technique, and theory.

DANC 1500 Intro to Jazz Dance I (FA) **3**
An introduction to jazz movement, technique, terminology and history. Classical and contemporary jazz rhythm and style are explored. Reading, writing, and concert attendance are part of this course.

DANC 1510 Jazz Dance II **2**
Prereq: DANC 1500 or instructor approval. This is the second semester study of jazz movement, technique, and terminology.

DANC 1580 Intro to Tap Dance I (FA) **3**
An introduction to the fundamental technical skills, terminology, and history of tap dance. Rhythm, coordination and precision of sound are emphasized. Reading, writing, and concert attendance are part of this course.

DANC 1590 Tap Dance II **2**
Prereq: DANC 1580 or instructor approval. This is the second semester study of the technical skills, rhythms, and terminology of tap dance.

DANC 1700 Modern Improv/Choreography I **1**
Prereq: DANC 1200 or instructor approval. Guided exploration in the elements of dance for the creative development of personal movement repertoire, spontaneous group interaction and choreographic skills.

DANC 1800 SLCC Dance Company **1**
Prereq: Audition only. A small audition company for trained dancers striving for excellence and professionalism in the art of dance. Offers opportunity to choreograph and work with guest and faculty choreographers for College and community performances.

DANC 1900 Special Projects **1-2**
Prereq: Department approval. Students plan their areas of study, choreography, or performance with the instructor on an individual basis.

DANC 2100 Ballet III **2**
Prereq: DANC 1110 or instructor approval. This is a third semester study of ballet technique, theory, and terminology.

DANC 2110 Ballet IV **2**
Prereq: DANC 2100 or instructor approval. This is a fourth semester study of ballet technique, theory, and terminology.

DANC 2200 Modern Dance III **2**
Prereq: DANC 1210 or instructor approval. This is the third semester study of modern dance technique and theory.

DANC 2210 Modern Dance IV **2**
Prereq: DANC 2200 or instructor approval. This is the fourth semester study of modern dance technique and theory.

DANC 2300 Jazz Dance III **2**
Prereq: DANC 1510 or instructor approval. This is the third semester of study of jazz movement, technique, and terminology.

DANC 2310 Jazz Dance IV **2**
Prereq: DANC 2300 or instructor approval. This is the fourth semester study of jazz movement, technique, and terminology.

DANC 2400 Tap Dance III **2**
Prereq: DANC 1590 or instructor approval. This is the third semester study of the technical skills, rhythms, and terminology of tap dance.

DANC 2700 Dance Improv/Choreography II **1**
Prereq: DANC 1700. This is the second semester exploration of the elements of dance for the creative development of personal and group movement repertoire and choreographic skills.

DANC 2900 Special Topics **1-3**
Prereq: Department approval. Students will learn specific areas of study in current trends within the dance field.

DANC 2990 Performing Arts Connection **2**
Prereq: Department approval. This is a collaboration of dance, music, and/or theatre. Students will create individual works to be performed in the Performing Arts Showcase.

DE 0910 Language Arts for the Deaf **6**
Year developmental course teaches English through American Sign Language. Strengthens ASL skills as well. Vocabulary, idioms, figurative language, grammar, critical thinking, study skills, reading, writing.

COURSE DESCRIPTIONS

- DE 0990 Life Skills** **2**
This class teaches students the basic fundamentals of cooking, clothing care, grocery shopping, personal finance, housekeeping, basic home care, basic car care, and roommate survival skills.
- DE 1070 Beginning Keyboarding** **3**
Learn beginning keyboarding skills by computer. Cover the alphabet, numbers, symbols, and keyboarding techniques. Emphasizes speed and accuracy through improved techniques.
- DH 1050 Dental Radiology** **2**
Prereq: Admission into program. Study of physical behavior, biological effects, methods of control, safety and techniques for exposing, processing and mounting radiographs. Included is interpretation, recognition and identification of significant findings.
- DH 1060 Dental Radiology Lab** **1**
Prereq: Admission into program. Laboratory experience in dental radiography procedures and techniques. Treatment planning, exposure, interpretation and evaluation of dental radiographs with emphasis on client management techniques and their application.
- DH 1100 Introduction to Dental Hygiene** **3**
Prereq: Admission into program. Introductory course to practice of dental hygiene. Students learn principles and theory of infection control, medical, dental, extra/intra-oral assessments, management of medical emergencies, current instrumentation & operator management.
- DH 1110 Intro to Clinic Procedures Lab** **2**
Prereq: Admission into program. Student experience to basic dental hygiene skills and procedures. Skill development is attained through practice sessions and performance evaluations.
- DH 1140 Dental Materials** **1**
Prereq: Admission into program, concurrent w/DH 1150. Study of chemical and physical composition and uses of dental materials. Emphasis on effects of various materials in the oral environment and why specific materials are used. There is an accompanying lab.
- DH 1150 Dental Materials Lab** **1**
Prereq: Admission into program, concurrent w/DH 1140. Students receive the opportunity to develop manipulative skills and practice procedures with various materials used in dentistry and dental hygiene.
- DH 1330 Head and Neck Anatomy** **2**
Prereq: Admission to program. This course covers the study of head, neck and oral anatomy, with emphasis on terminology. Lab is included.
- DH 1340 Dental Anatomy** **1**
This is the comprehensive presentation of structures of the oral cavity, including oral anatomy, tooth development anatomy and occlusion. Lab is included.
- DH 1350 Dental Embryology** **1**
Prereq: Admission to program. This is a comprehensive presentation of embryonic, fetal and postnatal development of tissues and structures of the head and oral cavity.
- DH 1400 Dental Hygiene Theory II** **3**
Prereq: DH 1100. Continuance of D.H. Theory I, offering instruction to support D.H. clinical experiences. Emphasis on treatment planning, nutritional counseling, chemotherapeutics and selective tooth polishing.
- DH 1410 Clinical Dental Hygiene** **3**
Prereq: DH 1110. Delivery of preventive and therapeutic services initiated. Theoretical information is applied and evaluated through performance for treatment planning, nutritional counseling, chemotherapeutics and selective tooth polishing.
- DH 1540 Pharmacology** **3**
Prereq: DH 1100. Course emphasizes pharmacodynamics of drug action, modes of administration, biotransformation, excretion, drug side effects and interactions. Focus on impact various medications have in dental and dental hygiene treatment.
- DH 1620 Preventive Dentistry** **2**
Prereq: DH 1100. Provides basic knowledge and skills regarding treatment and prevention of dental disease. Microbiology, therapeutic preventive measures, client education and motivation techniques are introduced.
- DH 2050 General and Oral Pathology** **3**
Prereq: DH 1400, DH 1620. Course focuses on fundamentals of oral pathology and disease processes. An overview of oral pathology emphasizes recognition and identification of pathologic conditions within the oral cavity.
- DH 2200 Dental Hygiene Theory III** **2**
Prereq: DH 1400. Continuation of Dental Hygiene II, adding case documentation ultrasonic/sonic instrumentation, periodontal case management, margination, debonding techniques and clinical seminars. Course may be taught with a service-learning component.
- DH 2210 Clinical Dental Hygiene III** **4**
Prereq: DH 1410. Continued application of preventive and therapeutic service to the public. Advanced aspects of hygiene care are applied through learning sessions/performance evaluations for local anesthetics, nitrous oxide, ultrasonic/sonic & case management.
- DH 2220 Community Dental Health** **3**
Prereq: DH 1620. Principles and practice of public health methods and plans are taught examining biostatistics and epidemiology. Students design, implement and evaluate programs with community focus.
- DH 2340 Local Anesthesia** **2**
Prereq: DH 1540, with DH 2341. Pain control in the dental office setting including administration of local anesthetic/nitrous oxide and anxiety management. Completion of this course qualifies students to take WREB for local area anesthesia. Lab is included.
- DH 2341 Local Anesthesia Lab** **1**
Prereq: DH 1540, with DH 2340. Demonstration and administration of all local regional blocks are experienced in a supervised lab setting. Minimum competence is verified through successful completion of proficiency evaluations. Concurrent with DH 2340.
- DH 2450 Periodontology I** **2**
Prereq: DH 1410, DH 1620. Anatomy/physiology, histopathology, microbiology specific to dental disease, etiology and clinical features of gingival/periodontal infections are taught. Emphasis is placed on recognition and treatment planning for periodontal clients.
- DH 2600 Dental Hygiene Theory IV** **2**
Prereq: DH 2200. Issues of professionalism including ethics/legal duties and rules regulating practice, career directives, resumes and interview techniques are taught. Course prepares students for transition into working world.
- DH 2610 Clinical Dental Hygiene IV** **5**
Prereq: DH 2210. Clinical expertise is refined, time management and client care are emphasized, preparing students for clinical licensing board examinations.
- DH 2640 Compromised Patient/Spcl Need** **1**
Prereq: DH 2200. Course offers in-depth study of problems or unusual health factors that may complicate routine dental hygiene care. Includes special procedures to maintain optimum health.
- DH 2850 Periodontology II** **2**
Prereq: DH 2450. Course offers advanced techniques for treatment of period disease including various modes of treatment and wound healing. Emphasis is placed on the role of the dental hygienist as a periodontal co-therapist.
- DH 2990 Optional Board Review** **1-2**
Review of all theoretical courses as preparation for national written examinations. A mock written examination is offered to assist students study.
- DIAL 1010 Dialysis Technician** **3**
Course will train students in the renal medical specialty area. Class will explore normal and altered kidney functions, therapy concepts, and technical aspects of dialysis therapy.
- DISP 1010 Aircraft Sys, Regs & Procedure** **3**
Course study will include: FAR Part 1, 25, 61, 65, 71, 91, 121, 135 & 175, NTSB part 830, aircraft flight manual, general operating manual, operating specs for air-craft type, security, FAA responsibilities & abnormal procedures.
- DISP 1100 Navigation & Planning** **2**
Course will include study of the following: earth, chart reading application/use, national airspace plan, navigation systems, airborne navigation instruments, instrument approach procedures & special navigation/operations.

DISP 1200 Weather, Analysis & Forecasts 1
This course will include surface observation, terminal forecasts, significant en route reports/forecasts, observed prognostic weather charts, imagery, meteorological info, data analysis & outlets providing aviation weather product.

DISP 1300 Dispatch Applications 2
This course will include human factors in aviation, applied dispatching, flight departure, in-flight operational control, post-flight, communication, voice & data communication, NOTAMS and aeronautical publications.

DST 1020 Lt. Duty Diesel Vehicle Maint. 3
Geared toward diesel vehicle owners, students learn maintenance and care through class discussions and hands-on practice. Subjects include checking fluid levels, changing oil, cold weather care, and preventive maintenance routines.

DST 1030 Safety/Diesel Engines Theory 1
Prereq: Concurrent with DST 1040. Instruction in the theory of work place safety, operation, parts nomenclature of both 2- and 4-cycle engines, use of measuring devices and fastener types. Combustion systems and engine sub-assemblies will be covered.

DST 1040 Safety/Basic Diesel Theory 1
Prereq: Concurrent with DST 1050. Instruction in the theory of work place safety, operation, parts nomenclature of both 2- and 4-cycle engines, use of measuring devices and fastener types. Combustion systems and engine sub-assemblies will be covered.

DST 1050 Safety/Basic Diesel Lab 2
Prereq: Concurrent with DST 1040. Practical experience in disassembly, inspection and reassembly of both two- and four-cycle engines; subassemblies for different engine systems; running and tuning- up engines from different manufacturers.

DST 1060 Safety/Basic Eng Perform Thry. 1
Prereq: Concurrent with DST 1070. Instruction in safety, trouble-shooting, and repair maintenance. It includes parts nomenclature of both 2-cycle and 4-cycle engines, hydro mechanical fuel-injection system operation, and maintenance of these systems.

DST 1070 Safety/Basic Eng. Perform. Lab 2
Prereq: Concurrent with DST 1060. Practical experience in disassembly, inspection, reassembly of both two- and four-cycle diesel engines. Subassembly's for different engine systems will also be covered, as well as troubleshooting engine performance problems.

DST 1140 Preventive Maint. Brake Theory 1
Prereq: Concurrent with DST 1150. Lecture in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes general preventive maintenance inspections A, B, C, & D, truck systems servicing, and shop safety procedures.

DST 1150 Prevent. Maint. Brake Lab 2
Prereq: Concurrent with DST 1140. Hands-on experience in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes general preventive maintenance inspections A, B, C, & D; truck systems servicing; and shop safety procedures.

DST 1160 Prevent. Maint. Elect. Theory 1
Prereq: Concurrent with DST 1170. Lecture in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes batteries and electrical systems, drive line, U-joints, chassis and suspension systems and shop safety procedures.

DST 1170 Prevent. Maint. Elect. Lab 2
Prereq: Concurrent with DST 1160. Hands-on practice in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes batteries and electrical systems, drive line, U-joints, chassis and suspension systems and shop safety procedures.

DST 1199 Specialty Training HDM 1-7
This is a course designed to help students obtain specialized training specific to industry. It is taught as requested by industry.

DST 1240 Drivetrains/Fluid Drives Thry. 1
Prereq: Concurrent with DST 1250. Classroom instruction in torque converter, automatic transmission, final drives, theory and operation; track type undercarriage. Preventive maintenance and troubleshooting will be covered.

DST 1250 Drivetrains/Fluid Drives Lab 2
Prereq: Concurrent with DST 1240. Classroom instruction in torque converter, automatic transmissions, and final drives, theory and operation. Track type undercarriage will also be covered.

DST 1260 Drivetrains/Gear Drives Theory 1
Prereq: Concurrent with DST 1270. Classroom instruction in clutch, twin countershaft manual transmissions, differentials, theory and operation; includes preventive maintenance and troubleshooting.

DST 1270 Drivetrains/Gear Drives Lab 2
Prereq: Concurrent with DST 1260. Classroom instruction in clutch, twin countershaft manual transmissions, differential, theory and operation. Track type undercarriage will also be covered.

DST 1299 Specialty Training HDM 1-7
To help students obtain specialized training specific to industry. Students must register for 1-7 credits in the DST program. It is taught as requested by industry.

DST 2040 Adv Engine & Electronic Theory 1
Prereq: DST 1040, 1050, 1060 1070, concurrent with DST 2050. Classroom instruction in basic diesel engine fuel systems theory, operation, troubleshooting, repair & maintenance. Electronic fuel injection theory and operation will be covered.

DST 2050 Adv. Engine & Electronic Lab 2
Prereq: DST 1040, 1050, 1060, 1070, with DST 2040. Practical experience in basic diesel engine fuel systems operation, trouble-shooting, repair and maintenance of systems used on both 2-cycle and 4-cycle diesel engines. Electronic fuel injection theory and operation and trouble- shooting will be covered.

DST 2060 Adv. Engine Performance Theory 1
Prereq: DST 1040, 1050, 1060, 1070, 2040, 2050, w/ DST 2070. Includes classroom instruction in electronic fuel injection theory and operation. engine performance and exhaust emission, Data links and other electronic commutation will be covered.

DST 2070 Adv. Engine Performance Lab 2
Prereq: DST 1040, 1050, 1060, 1070, 2040, 2050, w/ DST 2060. Includes classroom instruction in basic diesel engine fuel systems operation, troubleshooting, repair and maintenance of used systems in both 2- and 4-cycle diesel engines. Electronic fuel injection operation will be covered.

DST 2140 HD Hydraulics Controls Theory 1
Prereq: Concurrent with DST 2150. Lecture in the fundamentals and principles of fluid power and the transmission of force and energy, pumps, actuators, valves, accumulators, cylinders and motors as applied to mobile hydraulic systems, and shop safety procedures.

DST 2150 HD Hydraulic Controls Lab 2
Prereq: Concurrent with DST 2140. Hands-on practice in the fundamentals and principles of fluid power and the transmission of force and energy, pumps, actuators, valves, accumulators, cylinders and motors as applied to mobile hydraulic systems, and shop safety procedures.

DST 2160 HD Hydraulic Functions Theory 1
Prereq: Concurrent with DST 2170. Lecture in the advanced principles of fluid power; transmission of force & energy; formulas; interactive CD training; electronic controls, pumps, valves, accumulators actuators, in mobile hydraulics; AC and shop safety.

DST 2170 HD Hydraulic Functions Lab 2
Prereq: Concurrent with DST 2160. Hands-on practice in the advanced principles of fluid power; transmission of force & energy; formulas, schematics, interactive CD training; electronic controls, pumps, valves, accumulators, actuators, in mobile hydraulics & air conditioning; shop safety.

DST 2240 HD Electrical Circuits Theory 1
Prereq: Concurrent with DST 2250. Lecture in basic electrical fundamentals, magnetism, cranking & charging circuits, maintenance, testing, troubleshooting, & repair of all electrical applications.

DST 2250 HD Electrical Circuits Lab 2
Prereq: Concurrent with DST 2240. Hands-on practice in basic electrical fundamentals, magnetism, cranking & charging circuits, maintenance, testing, troubleshooting, & repair of all electrical applications.

COURSE DESCRIPTIONS

DST 2260 HD Electrical Lighting Theory 1
Prereq: Concurrent with DST 2270. Lecture in basic electrical fundamentals, magnetism, ignition circuits, lighting and accessories, electronic components, computer diagnostics, maintenance, testing, troubleshooting, & repair of all electrical applications.

DST 2270 HD Electrical Lighting Lab 2
Prereq: Concurrent with DST 2260. Hands-on practice in basic electrical fundamentals, magnetism, ignition circuits, lighting and accessories, electrical components, computer diagnostics, maintenance, testing, troubleshooting, & repair of all electrical applications.

DSTA 1100 Safety and Basic Engines 2
Prereq: Concurrent with DSTA 1111. Instruction in safety, theory, operation, troubleshooting and repair maintenance. Includes part nomenclature for both 2-cycle and 4-cycle diesel engines as well as tear down and rebuilding of these engines.

DSTA 1111 Safety and Basic Engines Lab 4
Prereq: Concurrent with DSTA 1100. Practical experience in safety, theory, operation, trouble-shooting and repair maintenance and parts nomenclature of both the 2-cycle and 4-cycle diesel engines.

DSTA 1120 Heavy-Duty Preventive Maintenance 2
Prereq: DSTA 1100, DSTA 1111, Concurrent with DSTA 1121. Classroom instruction in preventive maintenance and servicing of heavy duty trucks and equipment. Including general PM inspections A, B, C, & D, truck systems servicing and shop safety procedures.

DSTA 1121 Heavy-Duty Prevent. Maint. Lab 4
Prereq: DSTA 1100, DSTA 1111, Concurrent with DSTA 1120. Practical performance based experience in PM servicing of heavy duty trucks and equipment, including PM inspections, proper servicing procedures, troubleshooting and repair of heavy duty systems. Shop safety.

DSTA 1130 Heavy-Duty Drivetrains 2
Prereq: DSTA 1120, DSTA 1121, concurrent with DSTA 1131. Classroom instruction in clutch, manual transmission, differential, torque converter, automatic transmission, final drive, theory and operation will be covered. Track type undercarriage will also be covered.

DSTA 1131 Heavy-Duty Drivetrains Lab 4
Prereq: DSTA 1120, DSTA 1121, Concurrent with DSTA 1130. Practical experience in clutch operation & adjustment, manual transmission repair, differential diagnosis & repair, torque converter overhaul, automatic transmission diagnosis, overhaul, testing, undercarriage maintenance & adjustments.

DSTA 1200 Advanced Engines & Electronics 2
Prereq: DSTA 1130, DSTA 1131, Concurrent with DSTA 1211. Classroom instruction in tune-up, trouble-shooting, and maintenance of 2-cycle and 4-cycle diesel engines with emphasis on all systems.

DSTA 1211 Adv. Engine & Electronics Lab 2
Prereq: DSTA 1130, DSTA 1131, Concurrent with DSTA 1200. Stresses lab application in the tune-up, trouble-shooting maintenance of 2-cycle & 4-cycle diesel engines with emphasis on all systems, including operation, diagnostics, repair of electronic and computerized-engine controls.

DSTA 1220 Heavy-Duty Hydraulics 2
Prereq: DSTA 1200, DSTA 1211, Concurrent with DSTA 1221. Classroom instruction in fundamentals and principles of fluid power and the transmission of force and energy, using pumps, actuators, valves, accumulators, cylinders, and motors as applied to mobile hydraulics systems. Shop safety.

DSTA 1221 Heavy-Duty Hydraulics Lab 4
Prereq: DSTA 1200, DSTA 1211, Concurrent with DSTA 1220. Performance based practical experience in mobile hydraulic systems, including proper servicing procedures, diagnosis, troubleshooting repair and testing of hydraulic components. Using basic fundamentals and principles. Shop safety.

DSTA 1230 Heavy-Duty Electrical 2
Prereq: DSTA 1220, DSTA 1221, Concurrent with DSTA 1231. Classroom instruction in basic electronics, magnetism, electronic controls, operation, maintenance, testing, troubleshooting & repair of all electrical units. Basic operation, maintenance & repair of air conditioning units.

DSTA 1231 Heavy-Duty Electrical Lab 4
Prereq: DSTA 1220, DSTA 1221, Concurrent with DSTA 1230. Practical experience in operation, maintenance, testing troubleshooting, & repair of electronic & electrical units in the heavy duty field. Basic operation, maintenance, & repair of air conditioning units.

DSTA 2000 Heavy Duty Repair CO-OP 2-4
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

EBT 1210 Creativity and Problem Solving 2
This course teaches highly valuable tools for finding creative solutions to any problem. The tools learned help students and working professionals be more innovative and confident in meeting life's challenges.

EBT 2440 Web Site Design 3
Prereq: EBT/ART/COMM 1800. Students learn the knowledge and skills needed to build and manage professional web sites using Dreamweaver & Fireworks. Students create interactive web sites, graphics, animation, and advanced styling using HTML, CSS, & JavaScript.

ECON 1010 Economics as Soc. Science (SS) 3
Studies the role of economics in understanding social problems. It is designed as a general information course for all individuals despite major, and satisfies the social science component of general education.

ECON 1400 Economic History of Am. Labor 3
Prereq: HIST 1700 or ECON 1740. Survey of the development of the labor movement and unions in America. Includes profile of working class, early trade unions, the rise of industrial trade unions, AFL-CIO, and contemporary labor developments and issues.

ECON 1600 Intro to Economic Systems (SS) 3
Educates students in economic systems such as capitalism, socialism, and mixed economic systems. Basic economic concepts will be used to understand and analyze social, political, and cultural influences on such systems.

ECON 1740 Economic History of U.S. (AI) 3
Studies historical foundation of American economic growth and development from the colonial period to the present. Institutional and structural changes and processes of growth in the American economy are explored.

ECON 2010 Principles of Microeconomics 3
This course studies consumer and producer behavior, and the role specific economic units play in market development. Elasticity, consumer choice, production costs, and profits are examined relative to different levels of competition.

ECON 2020 Principles of Macroeconomics 3
Prereq: None (ECON 1010 recommended.) This course studies the economy as a whole. Concepts of scarcity, demand and supply, output and income, growth, inflation, unemployment, interest rates, money and banking are all examined. Current events are used as examples.

ECON 2100 Labor Economics 3
Prereq: ECON 2010 and ECON 2020. Studies the economics of the American labor market, wage theory, labor mobility and migration, human resource development, history and role of unions, collective bargaining, and employment data studies.

ECON 2200 Money & Banking 3
This course examines financial institutions and markets and their impact on the economy. This course explores such institutions from the perspective of monetary economic theory, practice, and policy.

ECON 2250 Environmental Economics 3
Prereq: ECON 2010, ECON 2020 A survey of the economic behavior, analysis techniques, and public policy issues pertaining to environmental and natural resources.

ECON 2400 International Econ/Finance 3
Prereq: ECON 2010 or ECON 2020. This course is on economic topics pertaining to international trade and finance. This course develops theory, practice and the policy in the global context.

ECON 2990 Special Studies in Economics 1-3
Prereq: Instructor's approval. Under the supervision of the instructor, students develop and follow an individualized curriculum.

EDDT 1010 Technical Drafting I 3
 Lab practice in board drafting techniques, use of drafting tools, lettering, geometric construction, orthographic & isometric sketching, projection techniques, section views, & dimensioning standards in both tech. & arch. disciplines.

EDDT 1040 Introduction to AutoCAD 3
 Basic skills using AutoCad for drawing applications are taught. The course includes: draw and modify commands, geometric construction, dimensions, templates, blocks and libraries, hatching, layers, scales, and plotting.

EDDT 1100 Advanced AutoCAD 2
 Prereq: EDDT 1040. Advanced drafting skills using AutoCAD. Includes: introduction to detail and assembly drawings, advanced geometric construction, isometric drawing, auxiliary views, intersections & developments, advanced dimensioning, blocks with attributes, and AutoCAD 3D Modeling.

EDDT 1200 Technical Drafting II 4
 Prereq: EDDT 1010, EDDT 1040. Overview of technical drafting disciplines: mechanical details & assemblies including precision fits & tolerances, electronic diagrams, structural steel including welds, civil including mapping, and piping. Students will create design and working drawings as used in industry.

EDDT 1420 Basic MicroStation 2
 This course teaches drafting skills using MicroStation CAD software and includes: geometric construction, drawing and modification commands, dimensioning, cell libraries, plots, working units, patterning, seed files, and reference files.

EDDT 2180 Electronics Drafting 3
 Prereq: EDDT 1100. Drafting and design techniques used in the electronics industry including: electronics symbols, schematic and logic diagrams, electro-mechanical design, printed circuit board design, artwork layout, and related industry standards.

EDDT 2190 Civil Drafting 2
 Prereq: EDDT 1040, EDDT 1420. The study of the various types of civil drafting: plats, contour maps, profiles, road design, and site layout. Includes mapping terminology, symbols and standard formats. Taught using MicroStation and Land Development Desktop.

EDDT 2240 Steel Detailing 3
 Prereq: MATH 1010, EDDT 1040. Use of the AISC manual to calculate stresses and design simple steel structures with welded and bolted connections. Layouts and drawings of details required for fabrication using appropriate industry standards and formats.

EDDT 2260 Machine Design 2
 Prereq: MATH 1010, EDDT 1040. Review of basic algebra, trigonometry, and geometry used in the calculation of statics, stresses, and safety factors to design simple mechanical and power transmission systems such as gear trains, pulley drives, cams & hoists.

EDDT 2340 Manufacturing Processes 3
 Prereq: EDDT 1040 or concurrent; with EDDT 2350. A broad analysis of materials and processes used in manufacturing as related to design. Topics include casting, forming, machining, non-metals, welding, finishing and assembly, and computer aided manufacturing.

EDDT 2350 Manufacturing Processes Lab 1
 Prereq: Concurrent with EDDT 2340. Lab practice in the processes used to change material shape and condition for industrial use and the principles of material behavior. Topics include: metal forming, casting, welding, injection molding, heat treatment, equipment selection, design criteria, shop and safety procedures.

EDDT 2360 Pipe Drafting 2
 Prereq: EDDT 1040. This is specialized training in the drafting principles for piping layouts and drawings. It includes: symbols, fittings, controls, parts specifications, diagrams, and detail drawings using appropriate industry standards and formats.

EDDT 2400 AutoCAD Customization 3
 Prereq: EDDT 1100. Techniques for customizing AutoCAD for specific user needs. Topics include: development of symbols libraries, attributes and attribute extraction, writing macros, custom linetypes, customized menus and toolbars, and AutoLISP programming.

EDDT 2420 Advanced MicroStation 2
 Prereq: EDDT 1420. Advanced techniques with MicroStation software as it is used in civil design disciplines. Topics include 3D surface modeling, rendering, customization, drawing management and transfer into other software packages.

EDDT 2540 Geometric Dimension & Tolerance 2
 Prereq: EDDT 1100. Study of the application of geometric dimensioning and tolerancing symbols per the latest ASME Y14.5M standard for use in dimensioning machined parts for precision and interchangeability.

EDDT 2600 Modeling with SolidWorks 3
 Prereq: EDDT 1100. Use of SolidWorks software in the creation of 3D models to aid in the analysis and design of mechanical parts and assemblies. Topics include construction, extraction of engineering data, assemblies and mates, and related drawings.

EDDT 2700 Advanced CAD Software 2
 Prereq: EDDT 2600 or equivalent experience. Advanced techniques in solid modeling and analysis using SolidWorks and PhotoWorks for solving complex design problems. CosmosWorks for design and stress analysis will also be taught.

EDDT 2710 AutoDesk 3D Modeling 2
 Prereq: AutoCAD experience. Solid modeling with Mechanical Desktop or AutoCAD Inventor will be taught. Topics include: sketch planes, part construction, extraction of engineering data, assemblies and mating parts, parametric design and related drawings.

EDDT 2720 Solid Modeling w/ Pro-Engineer 2
 Prereq: CAD experience recommended. Solid modeling with Pro-E will be taught. Topics include: sketch planes, part construction, extraction of engineering data, assemblies and mating parts, parametric design and related drawings.

EDDT 2990 Special Topics 1-5
 Prereq: Instructor Approval. This course is designed so the student can work on special individualized projects under the supervision of the instructor.

EDU 1010 Orientation to Education 3
 Teaching as a career; challenges and rewards; history; philosophies; social issues; legal issues; job availability; and governance. Preparation for acceptance into a teacher education program. Field experience required.

EDU 1400 Study of Disabilities (ID, DV) 3
 Examine the social dynamic between the non-disabled majority and the disabled minority as cultural groups. Historical, ethical, legal, and attitudinal perspectives relating to disability issues. Service Learning component required. Certain sections taught using service-learning.

EDU 1900 Special Topics in Education 1-3
 Prereq: Instructor's approval. Intense individual study of topics related to teaching or the field of Education. Students select readings, plan and implement individualized curriculum under instructor supervision. Instructor approval required.

EDU 2000 CO-OP Education 1-2
 Prereq: FHS 1500, EDU 2020. Supervised work experience in a school or other equivalent setting. Requires the ability to apply teaching/learning theory while working with children. Credit is awarded for successful completion of specific learning objectives.

EDU 2010 Intro. to Special Education 3
 Historical overview of legal, ethical, and social issues related to a free, appropriate education. Levels of inclusion. Developmentally Appropriate Practice (DAP) I.E.P. Community resources. Working with parents and specialists.

EDU 2800 Inst., Tech., Assess., & Plan 3
 Prereq: ARL Candidates only. The teacher will learn to use a variety of instructional strategies to encourage students' development of critical thinking, problem solving and performance skills. Teachers will create an electronic portfolio.

EDU 2820 Creating A Learning Environment 3
 Prereq.: ARL Candidates only. The teacher will learn how children learn and develop, and will learn to provide learning opportunities that support their intellectual, social, and personal development.

COURSE DESCRIPTIONS

EDU 2840 Literacy Strategies 3
Prereq.: ARL Candidates only. This course will focus on fundamentals of reading comprehension of students and decisions teachers make concerning methods, materials and procedures based on those fundamentals.

EDU 2860 Survey/Learn.-Teach. Div. Pop. 3
Prereq.: ARL candidates only. This course will explore the rationale, concepts, theory and practice of teaching diverse populations from cultural, linguistic and socio-economic diverse backgrounds in pluralistic schools and societies.

EE 1010 Lab. Instruments and Methods 1
Laboratory instruction on the proper use of electronic measuring instruments, including function generators, volt meters and oscilloscopes. Loading and frequency effects are included.

EE 1020 Elect. Eng. Problem w/Matlab 1
EE. intro. using Matlab. Design of prototype communications systems using script and function, files, math functions, commands for array construction and manipulation, string expressions, logical operators, control flow and graphics.

EE 1030 UNIX for ELEC Engr Students 1
Topics for this course include the X windows systems, UNIX shell commands, file system issues, text editing with Emacs, accessing the World Wide Web with Netscape, and electronic mail.

EE 1270 Intro to Electrical Circuits I 4
Prereq: MATH 1210, with MATH 1220, PHYS 2210 & EE 1020. Basic concepts on analog circuits including voltage, current power, resistance, capacitance and inductance. Ohm's and Kirchhoff's Laws, node voltages, branch and mesh currents, equivalent circuits. Laboratory included.

EE 2000 Cooperative Education 1-2
Prereq: Sophomore w/minimum 2.0 GPA, instructor's approval. Supervised work experience in a business, industrial or governmental environment related to the program major. Credit is awarded for completion of specific objectives that provide new learning related to the program major.

EE 2020 Pspice & Electronics Workbench 1
Prereq: EE 1270, Concurrent with EE 2270 and EE 2280. Covers use of Spice for programming, Pspice & Electronics Workbench for graphical analysis. Applications include DC/AC Circuits Analysis, Operational Amplifiers, Frequency & Transient Responses, Filters, Transistors, & Nonlinear devices.

EE 2200 Elect. Eng. for Civil Engineer 1.5
Prereq: PHYS 2210, concurrent with MATH 2250. Fundamentals of electrical engineering topics relevant to the practice of Civil Engineering.

EE 2210 Elect. Eng. For Non-EE Majors 3
Prereq: PHYS 2220, concurrent with MATH 2250. Fundamentals of electrical engineering topics for non-electrical engineering majors. Fundamentals of DC and AC theory, semiconductor devices, power, motors, transformers, transducers and actuators. Laboratory is included.

EE 2270 Fund of Electrical Circuits II 4
Prereq: EE 1010, EE 1270, PHYS 2220. Fundamental electric circuit techniques include Kirchhoff's Laws, superposition, phasor transforms, power in sinusoidal steady state systems, frequency response, filters, Fourier Series and Laplace Transform. Laboratory included.

EE 2280 Fundament. of Eng. Electronics 4
Prereq: EE 1270, MATH 2250, PHYS 2220. Fundamentals of electronic circuits and components, network models of amplifiers, diodes, BJT & MOS transistors, frequency response, feedback and stability. Introduction to computer circuit simulation. Laboratory included.

EE 2700 Fund. of Digital System Design 4
Prereq: CS 1600, PHY 2220. An introduction to digital systems, Boolean Algebra and theory and design of Combinatorial and Sequential circuits. Computer-based software tools for schematic capture and gate array implementations are used. Laboratory included.

EE 2900 Special Topics-Electrical Engr 1-3
Special Topics in Electrical Engineering.

ELEC 1010 Elect. & Modern Living (ID) 3
Students will explore the history and development of electrical technology, electrical theory, and how electricity is used and applied in our culture. Basic wiring labs and demonstrations are part of the course.

ELEC 1110 Applied Math I for Electricity 4
Prereq: MATH 0950 or equivalent. This course will give the student the applied skills to solve electrical and instrumentation problems. Skills in algebra and trigonometry will be developed. Linear equations and their graphs will be studied.

ELEC 1130 Residential Wiring 3
Prereq: Concurrent with ELEC 1140. Students will apply residential codes and practices in a laboratory setting. The course includes lab safety, wiring methods, EMT bending, troubleshooting and training for Skills USA VICA competitions.

ELEC 1140 Residential/Commercial Codes 3
Prereq: RDG 0900. Students will learn National Electrical Code organization, interpretation of tables and graphs therein; and how to find and interpret specific NEC requirements for homes and businesses.

ELEC 1155 Basic Electricity – DC 3
Prereq: ELEC 1110 or concurrent. An intro to basic electricity with emphasis on direct current; basic DC electrical laws as applied to series, parallel, and combination circuits will be learned. Intro to resistors, bread-boarding, and use of test equipment.

ELEC 1160 Basic Electricity – AC 3
Prereq: ELEC 1155 w/ C grade or better. An intro to basic electricity with emphasis on alternating current; basic AC electrical laws as applied to series, parallel, and combination circuits will be learned. Intro to capacitors, inductors, & the oscilloscope.

ELEC 1215 Motor/Transformer Theory & Lab 3
Prereq: ELEC 1110. Students will learn the principles and applied applications of motors and transformers. The operating characteristics of DC/AC motors, generators and transformers are part of this course.

ELEC 1235 Motor Control Theory & Lab 4
Prereq: ELEC 1150. Students will learn how to design, build and troubleshoot systems that control and monitor motors, control valves, alarms, pilot lights, starters, and relays.

ELEC 1250 Industrial/Hazardous Codes 2
Prereq: ELEC 1140. Students will learn the codes requirements for motor installations and motor load calculations. Unique wiring requirements for hazardous locations and an overall review of the NEC are part of this course.

ELEC 2990 Special Studies in Electricity 1-3
Prereq: Instructor's approval. Special studies allow students to pursue unique interests. Credit hours and the curriculum are determined through consultations with an instructor and documented by the department. Three credits may be applied to graduation.

ELET 1010 DC/AC Electronics 6
Prereq: ELET 1050 or concurrent w/ ELET 1050. Covers basic electronics theory, DC and AC fundamentals, circuit analysis and troubleshooting. Students learn the use of electronics test equipment such as meters, oscilloscopes, and function generators.

ELET 1011 DC Electronics 3
Prereq: ELET 1051 or concurrent w/ ELET 1051 with a C grade or better. MATH 1050 for AS. DC circuit fundamentals, circuit and component characteristics, analysis, DC formulas, and theory. Lab and lecture combination to apply theory concepts and learn practical aspects of DC circuits, measurements, troubleshooting and circuit construction.

ELET 1012 AC Electronics 3
Prereq: ELET 1011, ELET 1061 (or concurrent) w/ C grade. Fundamentals of AC circuits, characteristics of components and RCL circuits. Lecture/lab combination to include practical application of theory, circuit construction, measurements, and troubleshooting. Usage of Oscilloscopes, function generators, and frequency counters.

ELET 1020 IPC-A-610D Cert IPC Specialist 2
Designed and certified by IPC. Enables students to make correct accept/reject decisions for appropriate class(es) of electronic assemblies. Certification earned through examination.

ELET 1040 Technical Basic 2
Prereq: Concurrent with ELET 1010. This course covers MSDOS, Windows applications and an introduction to structured programming using QBASIC. The focus is on practical applications that electronics and other technology students might encounter in industry.

ELET 1050 Electronics Math 3
Prereq: CPT or MATH 1010. This course covers basic arithmetic, algebraic operations, and plane trigonometry required for an electronics training program. Graphical solutions, determinants, circular solutions, and systems of equations are covered.

ELET 1051 Algebra for Electronics 4
Prereq: MATH 1010 w/ C or better or appropriate CPT score. Introduces students to the fundamentals of algebra, solving linear equations, laws of exponents, monomials/polynomials equations, concepts of radicals, and solving complex problems. Applications to electronics is a major part of course.

ELET 1061 Trigonometry for Electronics 3
Prereq: ELET 1051 or MATH 1050 with a C or better. Covers the fundamentals of trigonometry, applications, graphs, functions and formulas. Application to electronic circuits is covered.

ELET 1080 Universal Assembly and Repair 2
A project oriented course that provides basic soldering and assembly skills required of electronics technicians. The focus is on thru-hole soldering to industry specifications.

ELET 1100 Linear Circuits 4
Prereq: ELET 1011, ELET 1012, ELET 1051, ELET 1061. Covers active devices, such as diodes, transistors, thyristors, and opto-electric devices. Amplifier biasing and categories are covered, including linear and non-linear circuits. Troubleshooting concepts are emphasized.

ELET 1120 Circuit Simula., Analy./Design 2
Prereq: ELET 1100. Covers usage of electronic circuit design, analysis, & simulation tools. Emphasis on use of schematic capture for design & analysis of analog, digital & mix-mode circuits. Also modification of circuits, components, & analysis using virtual lab instruments.

ELET 1130 Digital Circuits 4
Prereq: ELET 1100. Covers basic theory of digital circuits, binary, octal, and hexadecimal number systems, truth tables, gates, counters, and logic devices. A/D and D/A conversion is covered and lab projects emphasize troubleshooting.

ELET 1600 The Electronics Age (ID) 3
Covers how electronics has improved convenience, efficiency, productivity, reliability, health, and safety in almost every facet of modern life. Social changes in entertainment and communication fields are emphasized.

ELET 2000 CO-Op Education 2-4
Prereq: Instructor's approval. Allows coursework to be integrated with subject area related on the job experience. Under certain conditions, ELET 2600, 2610, and 2750 can be satisfied through co-op registration with department approval.

ELET 2010 Advanced Circuit Analysis 3
Prereq: ELET 1010, ELET 1100. Covers advanced electronic network theory; including Thevenins, Nortons, Millmans, and superposition. Analysis of the effects of input and output impedances, and loading effects on circuit performance are taught.

ELET 2020 Tech Certification 2
Prereq: ELET 1100, ELET 1130. A review of electronics theory and applications to practical problems and solutions. Computerized tutorials prepare students for the industry recognized Certified Electronics Technician (CET) Associate level examination.

ELET 2080 Surface Mount Technology 2
Prereq: ELET 1080. Covers assembly and repair of surface mount PCB's. Students use wire and paste solder, soldering irons and hot air, and vacuum solder extraction devices. Work is done to industry specs. Students receive industry recognized certification.

ELET 2100 Advanced Linear Circuits 4
Prereq: ELET 1010, ELET 1100. Advanced applications of linear circuits. Analysis of active filters, frequency effects on amplifiers, analysis of amplifying systems and computer simulation of linear circuits are covered.

ELET 2150 Communications Systems 4
Prereq: ELET 1100, ELET 1130. Principles of AM, FM, phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELET 2200 Advanced Measurements 4
Prereq: ELET 1100, ELET 1130. Covers electrical measurements and calibrations. Includes statistical approaches to measurement and analysis of signal and noise values. In depth investigation of measurement techniques using O'scopes, meters, analyzers, etc.

ELET 2300 Microprocessors 4
Prereq: ELET 1130. Covers basic concepts of microcomputer and micro-processor architecture, assembly language and machine language programming, debugging and troubleshooting. Interfacing hardware/software control & feedback is covered.

ELET 2410 Microwave Communication 4
Prereq: ELET 2150. Covers solid state microwave passive and active components, basic principles/operation of microwave systems, using the Smith chart to determine parameters of transmission lines, and operating of particular test equipment.

ELET 2420 Electronic Video Systems 4
Prereq: ELET 2150. This course will encompass both TV systems, both simple and complex, and current VCR systems.

ELET 2450 Lasers and Fiber Optics 4
Covers laser applications, technology, and theory, including the principles of optical fibers, applications, techniques & devices used to connect fiber networks. Modern communication systems that use optics are explored.

ELET 2460 Telecommunications 4
Prereq: ELET 1100, ELET 1130. An overview of network LAN & WAN communications. The OSI model, topologies, and common protocols are covered. The course covers the material required to prepare students for the CompTIA NET+ examination.

ELET 2480 FCC License Preparation 4
Prereq: Instructor's approval. Principles of AM, FM, phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELET 2600 Biomedical Instrumentation I 4
Prereq: ELET 2020, BIOL 1110. Introduction to Biomedical Equipment Technology. Electronic instrumentation applied to the human body. Theories of measurement, coronary care, operating rooms, EKG's, hemodialysis, ECG's, EMI and respiratory therapy equipment.

ELET 2610 Biomedical Instrumentation II 1
Prereq: ELET 2600. The focus of this course is on medical equipment such as medical Ultrasonography, MRI and Radiographic systems. In addition, aspects of equipment maintenance management, record keeping, and customer service will be covered.

ELET 2615 BMI Fieldwork Experience 4
Prereq: ELET 2610. Students will complete 250 hours of practical fieldwork experience in the Biomedical instrumentation field arranged by the department. The objective is to give practice on a variety of medical instrumentation and settings.

ELET 2750 Electronics Troubleshooting 4
Prereq: ELET 1100. Covers principles, techniques, and procedures for troubleshooting electronics equipment. The equipment covered includes power supplies, audio and RF systems, analog, and digital systems. Emphasis is on use of test equipment.

ELET 2900 Special Topics in Electronics 1-15
Prereq: Variable. Special studies allow students to pursue special interests offered elsewhere in the program. Credit hours and course of study will be based on departmental approval. The course syllabus will outline documentation requirements of student.

ELI 1110 Electricity I A 5
Prereq: CPT 54 in Algebra or ELI 1470 with C or better. Electrical materials and devices, safety on the job site and handling of tools and equipment. Math for electricians and electrical code including definitions and basic direct current fundamentals.

ELI 1120 Electricity I B 5
Prereq: ELI 1110. Direct current fundamentals with application and study of the National Electrical Code including theory and definitions, circuits, direct current motors and generators. Introduction to Alternating Current is included.

COURSE DESCRIPTIONS

ELI 1210 Electricity II A 5
Prereq: ELI 1120. This is the continued study of direct current fundamentals and theory. It includes applied math for electricians, capacitance and impedance, series circuits and resistance.

ELI 1220 Electricity II B 5
Prereq: ELI 1210. This course provides continued instruction in alternating current fundamentals and applied math for electricians. Instruction includes theory and application in transformers, alternating current methods and motor controls.

ELI 1470 Math for the Trades 5
This is a customized electricians' course in applied mathematics for the trades including algebraic and trigonometric functions.

ELI 2000 Electrical CO-OP 3-6
Prereq: Instructor's approval. College credit for experience on the job site. Arranged in advance. Requirements are determined by the employee.

ELI 2310 Electricity III A 5
Prereq: ELI 1220. This course provides instruction in heating and air-conditioning, continued math for electricians and introduces instrumentation. Further instruction in National Electrical Code and testing equipment is provided.

ELI 2320 Electricity III B 5
Prereq: ELI 2310. This course covers advanced motor controls theory and application, transformers and specialty applications. Instruction also is provided in electronics and continuation of math for electricians.

ELI 2410 Electricity IV A 5
Prereq: ELI 2320. This is a study of atomic theory, electricity and magnetism and series-parallel circuits. Continued application and study of math for electricians and the National Electrical Code is included.

ELI 2420 Electricity IV B 5
Prereq: ELI 2410. Math for electricians including vectors and trigonometric functions. Various circuits, power sources and supplies, advanced motor and motor control. National Electrical Code is included.

ELI 2510 Electricity V A 5
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master's Examination.

ELI 2520 Electricity V B 5
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master's Examination

ELI 2990 Electrical Special Studies 5
Special course requested by the Utah State Licensing Board for applicant electricians to review lab projects prior to retaking practical journeyman's exam.

ELI 2991 Electrical Special Studies II 5
Special course requested by the Utah State Licensing Board for applicant electricians to review theory prior to retaking journeyman's examination.

ELTA 1010 DC/AC Basic Electronics 6
Covers basic electronics theory, DC and AC fundamentals, circuit analysis and troubleshooting. Students learn the use of electronics test equipment such as meters, oscilloscopes, and function generators.

ELTA 1030 Active Devices 6
Prereq: ELTA 1010, ELTA 2010. Fundamentals of active devices-diodes, bipolar, junction and field effect transistors, thyristor family and opto electronic family. Biasing techniques, basic amplifier classes and configurations. Basic power supplies.

ELTA 1040 Technical Basic 2
Prereq: Concurrent with ELET 1010. Course covers MSDOS, Windows applications and an intro. to structured programming using QBASIC. Focus is on practical applications that electronics and other technology students might encounter in industry.

ELTA 1050 Electronics Math 3
Prereq: CPT or MATH 1010. This course covers basic arithmetic, algebraic operations, and plane trigonometry required for an electronics training program. Graphical solutions, determinants, circular solutions, and systems of equations are covered.

ELTA 1080 Electronics Assembly Skills 2
A project-oriented course that provides basic soldering and assembly skills required of electronics technicians. The focus is on thru-hole soldering to industry specifications. Students receive an industry recognized certification.

ELTA 1100 Linear Circuits 4
Course active devices, such as diodes, transistors, thyristors, and optoelectric devices. Amplifier biasing and categories are covered, including linear and non-linear circuits. Troubleshooting concepts are emphasized.

ELTA 1130 Digital Circuits 4
Covers basic theory of digital circuits, binary, octal, and hexadecimal number systems, truth tables, gates, counters, and logic devices. AC/DC and DC/AC conversion is covered and lab projects emphasize troubleshooting.

ELTA 2000 Elec/Comp Technology CO-OP 1-8
Prereq: Instructor approval. College credit awarded for on-the-job experience. Arranged in advance with requirements determined by the employer, employee, and instructor.

ELTA 2010 Advanced Circuit Analysis 2
Prereq: ELTA 1010, ELTA 1100. Covers advanced electronic network theory including Thevenins, Nortons, Millmans, and superposition. Analysis of the effects of input and output impedances, and loading effects on circuit performance are taught.

ELTA 2020 Technician Certification 2
Prereq: ELTA 1100, ELTA 1130. Review of electronics theory, applications to practical problems, & solutions. Computerized tutorial prepares students for industry-recognized Associate level examination (National Assoc. of Radio & Telecommunication Engineers (NARTE)).

ELTA 2100 Advanced Linear Circuits 6
Prereq: ELTA 1010, ELTA 1100. Advanced applications of linear circuits. Analysis of active filters, frequency effects on amplifiers, analysis of amplifying systems and computer simulation of linear circuits are covered.

ELTA 2140 Advanced Digital Circuits 6
Prereq: ELTA 1130. The course covers advanced digital topics, including Karnaugh maps, advanced logic circuits, advanced counters, shift registers, memory systems, fundamentals of microprocessors and microprocessor architecture.

ELTA 2150 Communication Systems 4
Prereq: ELTA 1100, ELTA 1130. Principles of AM, FM phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELTA 2200 Advanced Measurements 4
Prereq: ELTA 1010, ELTA 1130. Covers electrical measurements and calibrations. Includes statistical approaches to measurement and analysis of signal and noise values. In depth investigation of measurement techniques using O'scopes, meters, analyzers, etc.

ELTA 2300 Microprocessor Programming 4
Prereq: ELTA 1130, ELTA 2140. Concepts of the basic computer system architecture, 68HC11 architecture, machine language and assembly language programming, debugging and trouble shooting. Hands on trainer and program problem solving.

ELTA 2350 Microprocessor Applications 6
Prereq: ELTA 2300. Introduces the student to microprocessor interfacing including data & control in as well as data & control out. Using PIA Interface adapter & writing control programs to operate & control external devices. Introduction to robotics.

ELTA 2480 FCC License Preparation 4
Prereq: Instructor Approval. Principles of AM, FM, phase and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELTA 2900 Special Topics in Electronics 4
Special studies allows students to pursue special interests offered elsewhere in the program. Credit hours and course of study will be based on departmental approval. The course syllabus will outline documentation requirements of student.

ENGL 1010 Intro to Writing (EN) 3
Prereq: WRTG 0990 w/C or better, equivalent or placement. Development of critical literacies-reading, writing and thinking- using methods of knowledge-making. Promotes awareness of rhetorical strategies as they apply to a variety of socio-cultural contexts.

ENGL 1050 Intro/Rdg Contmp Cultur(HU,DV) 3
Students will analyze various aspects of contemporary U.S. culture in order to challenge the structures that serve to the advantage of certain social groups and to the disadvantage of others.

ENGL 1060 Tech Studies/Rdg,Wrtg&Rspd(HU) 3
Examines how technology influences power, authority, social relations and literacy. Investigates the impact of technology on the individual and society.

ENGL 1100 Diversity /Pop US Lit (HU,DV) 3
Course examines popular American genres as sites of cultural struggle. Students study how popular American writing preserves cultural values and reinforces imbalances of power along lines of race, class, gender, and sexual orientation.

ENGL 120 Intro to Ling./Study of Lang. 3
Introduces students to the study of language. Students explore the sound, structure and social role of language in immediate and distant cultures. Natural language events will be observed, collected, interpreted and analyzed

ENGL 1900 Special Studies 1-3
Prereq: ENGL 1010 or instructor's approval. Students propose a possible writing project for example, genre-based-fiction or poetry-or technical writing, then meet with the instructor a number of times throughout the semester to create and revise the project.

ENGL 2000 English CO-OP Education 2-4
Prereq: Sophomore w/minimum 2.0 GPA, study-related employ. Supervised work experience in a business, industrial or government environment related to the program. Credit for successful completion of specific learning objectives that provide new learning related to the job and the program.

ENGL 2010 Intermediate Writing (EN) 3
Prereq: ENGL 1010 with a C or better. Extends principles of rhetorical awareness and knowledge-making introduced in English 1010 and increases the ideological engagement within the classroom. Interrogates socio-economic and political issues. Certain sections taught using service-learning.

ENGL 2030 Language in Society (HU, DV) 3
Prereq: ENGL 1010 with a C or better. Through a study of the patterns and functions of language in U.S. society, this course addresses how language establishes cultural identities and social allegiances, creates and disseminates knowledge, and develops and maintains power.

ENGL 2100 Technical Writing (EN) 3
Prereq: ENGL 1010 with C or better. Professional writing in technical fields, contextualizing assignments in real-life work situations. Adaptation of writing strategies to cultural, social, and political contexts. Composing of diverse workplace documents. Certain sections taught using service-learning.

ENGL 2250 Intro to Imaginative Writing 3
Prereq: ENGL 1010 with a C or better. Production of works in traditional genres, augmented by discussion of where generic distinctions overlap, dissolve and collapse. Inquiries about identity, cultural influences and construction of imagination will be raised and tested.

ENGL 2260 Intro to Writing Poetry 3
Prereq: ENGL 2250. Poetry as genre will be examined regarding originations, conventions and effects on audience. Influences of culture as a source and site of conflict regarding poetic expression will be discussed. Students will write and read poetry.

ENGL 2270 Intro to Writing Fiction 3
Prereq: ENGL 2250. Fiction will be examined as to its originations, conventions and effects on audience. Investigation of where distinctions of fiction, autobiography and other prose writing become ambiguous. Cultural assumptions and influences discussed.

ENGL 2300 Intro to Shakespeare 3
Prereq: ENGL 1010 with a C or better. Interpretive strategies for reading Shakespeare. Approach from traditional critical positions, moving to current social cultural and political reinterpretations. Students examine contemporary retellings of the plays.

ENGL 2330 Children's Literature 3
Prereq: ENGL 1010 with a C or better. This course explores texts written for children through the elementary level. Emphasis is placed on scope, artistic merit, and selection.

ENGL 2600 Critical Intro to Lit. (HU) 3
Course introduces and analyzes various genres of literature in light of a variety of critical and theoretical approaches.

ENGL 2610 Diversity in Am Lit (HU, DV) 3
Prereq: ENGL 1010 with a C or better. Course interrogates historical, political and cultural ideas suggested and sustained within representative American texts, some classic, others newly emerging. Materials include both traditional and popular readings.

ENGL 2620 Lit, Cult & Ideas/Brit Writing 3
Prereq: ENGL 1010 with a C or better. Course interrogates historical, political and cultural ideas suggested and sustained within representative British and Colonial texts, some classic, some newly emerging. Materials include both traditional and popular readings.

ENGL 2650 The Uses of Poetry 3
Prereq: ENGL 1010 with a C or better. This course investigates poetry and its status in relation to high culture. It deals with poetry's resistance to traditional poetics. The focus is predominantly critical, though students may also participate in the poetic process.

ENGL 2700 Introduction Critical Theory 3
Prereq: ENGL 2600. This course outlines, and challenges, the central orthodoxies of cultural criticism in the 20th century. Includes linguistics, Marxism, feminism, and various post-structuralisms. Includes film and pop-cultural texts.

ENGL 2710 Intro to Folklore (HU) 3
This course explores what folk tradition is, how it is studied and what it means. Students practice collecting and interpreting folklore, and explore relationships between folklore and other fields, such as history and literature. Certain sections taught using service-learning.

ENGL 2730 Cultural Study of Science 3
Prereq: ENGL 1010 with C or better. This course examines scientific writings from non-fiction sources. Students will discuss how science has widened its appeal and become a dominant discourse for analyzing culture today. Authors include Crichton, Sagan, Zohar, and others.

ENGL 2740 Intro. to Women's Studies (HU) 3
This course surveys the cultural and social forces that have determined women's place in society. Women's issues are situated within cultural, social and political contexts that influence ideologies of gender and power.

ENGL 2750 Literatures of Med/Psych 3
Prereq: ENGL 1010 with a C or better. This course examines literatures of medicine and psychology as they reflect social attitudes towards these disciplines. Through fiction and non-fiction texts, students discuss cultural views of illness, madness and other topics.

ENGL 2810 Native Am Lit & Exp (HU,DV) 3
Prereq: ENGL 1010 with a C or better. This course explores Native American Experiences, including a survey of histories, literatures, cultural patterns and contemporary experiences, examined within the framework of cross-cultural interactions and competing world views.

ENGL 2830 Diverse Women Writers (HU,DV) 3
Course examines the range of US women's voices and explores how racism, sexism, and cultural imperialism affect identity formation and relations between the powered and the disempowered.

ENGL 2850 GLBT Studies (HU, DV) 3
Intro to postmodern and queer theories of societal gender construction as seen in literature & film, beginning with the history of heterosexism and questioning modern US society's treatment of Gay, Lesbian, Bisexual, & Transgendered people. ENROLLMENT IN THIS COURSE IMPLIES NOTHING ABOUT THE STUDENT'S SEXUAL ORIENTATION.

COURSE DESCRIPTIONS

ENGR 1000 Engineering Problem Solving 2
Prereq: MATH 1060, concurrent with ENGR 1020. Introduction to engineering problem-solving techniques and tools used. Includes use of calculators, spreadsheets, math application software, and computer graphics in solving simplified engineering-type problems.

ENGR 1020 Intro. to Engr. as a Career 1
Prereq: Concurrent with ENGR 1000. An introduction to Engineering as a career including such topics as potential salaries, schooling required, career opportunities, problem solving techniques they use, and different disciplines within engineering.

ENGR 1030 MATLAB Problem Solving 3
Prereq: MATH 1060. An introduction to engineering problem-solving using MATLAB. Course work includes interactive computing, data analysis, and graphics.

ENGR 1050 Intro. to Nanotechnology (ID) 3
Nanoscience sits at the intersection of the basic scientific disciplines. This technology has far reaching implications in healthcare, environment, business, and society, and has wide ranging ethical impacts in the world today. This course introduces the basic concepts of nanoscience and explores how it is changing our world.

ENGT 1100 Principles of Engineering Tech 2
Prereq: CIS 1020. Provides an overview of engineering technology. Students develop problem-solving skills by tackling real-world problems and address the emerging consequences of technological change through theory & practical hands-on experience.

ENGT 1600 Intro to Eng. Tech. Design 3
Prereq: ENGT 1100. Emphasizes the development of design. Students use computer software to produce, analyze and evaluate models, study the design concepts of form and function, and translate conceptual design into reproducible products.

ENVT 1010 Race to Save Planet (ID) 3
Interdisciplinary elective giving students an understanding of the connections between people and the environment. Environmental problems from Utah and around the world are discussion issues. Designated as Service Learning class.

ENVT 1030 Essentials of Radiation Safety 1
This 2-day course focuses on the impact of radiation in industry including the potential impact of radiation uses in terrorist activities, transportation of radioactive materials, common radiation sources used in industry, and emergency response to radiation events.

ENVT 1040 Workplace Safety Basics 2
This course reviews environmental, health and safety issues common to about all industrial work environments: such as chemical safety, worker's rights, personal protection, and other causes of workplace injuries and illnesses.

ENVT 1050 Intro to Environmental Tech 3
Overview of the Environmental Technology field. Focus on vocabulary, interdisciplinary aspects of the field and introduce environmental laws and regulations. Communication skills will be practiced.

ENVT 1060 Intro Occ Health/Safety 3
General overview of Occupational Health & Safety. Focus is on OSHA regs, workers comp, accident causation & prevention, OH&S fields such as industrial hygiene and industrial ergonomics. Student presentations & internet will be emphasized.

ENVT 1100 Waste Stream Gen/Red/Trtment 3
Prereq: CHEM 1010. Students develop an understanding of industrial processes, waste reduction and treatment methods. Several common industries are examined. An industry of the student's choice will be examined and presented.

ENVT 1250 Special Studies: EH&S Issues 1-3
Independent study course. May include attendance at conferences, review trade journal articles and research projects on pre-approved areas related to the ENVT field. Instructor's permission required.

ENVT 1300 Basic Toxicology 3
Prereq: BIOL 1110. Overview of toxicology as it relates to the environmental & industrial setting. The toxic effect of common chemical families on the major organ systems will be addressed. A chemical profile will be researched and presented in class.

ENVT 1920 Short Courses & Workshops 1-3
Prereq: Instructor's permission. This course will be a short course, workshop, or special program that focuses on a specific environmental technology or safety issue. Instructor's permission required.

ENVT 2000 CO-OP Experience 2-4
Prereq: ENVT 1050, ENVT 1010. This is supervised work experience in a business, industry, or government position related to environmental technology. Credit is awarded for successful completion of learning objectives. Instructor's permission required.

ENVT 2100 Environmental Compliance I 3
Prereq: ENVT 1050, ENVT 1100. Identify, interpret and practice application of EPA-Utah regulations associated with air quality, water quality, UST, National Environmental Policy Act. Calculations, permits, programs reviewed, and tours on industry taken.

ENVT 2120 Hazardous Mat. Transportation 1
Students will receive DOT HM 126F training for shipping hazardous materials/hazardous waste. Includes shipping papers, marking, labeling, placarding and selecting proper packaging. Certificate of completion is given.

ENVT 2130 Hazardous Waste Management 2
Prereq: ENVT 2120 or DOT HM 126F certification. The regulatory and management aspects of the Resource Conservation and Recovery Act (RCRA) are the focus of this course, including waste identification, generator status, storing, shipping, and disposing of hazardous waste.

ENVT 2150 Environmental Compliance II 3
Prereq: ENVT 1050, ENVT 1100. This course focuses on the regulatory requirements of the Resource Conservation and Recovery Act as well as the Emergency Planning and Community Right to Know Act. Course includes hands on exercises and internet use.

ENVT 2400 Haz Waste Op & Emerg Response 2
Prereq: ENVT 1300, concurrent with ENVT 2410. This course provides hands-on instruction for HAZWOPER and personal protection while working with chemical and physical hazards. Principles of PPE, ICS, hazard recognition, and spill response. Certificates are granted upon completion.

ENVT 2410 Haz Waste & Emerg Response Lab 1
Prereq: Concurrent with ENVT 2400. Graded lab to be taken concurrently with ENVT 2400

ENVT 2420 Emerg Rspns Annual Refresher .5
Prereq: ENVT 2400; ENVT 2410; permission of instructor. Annual update of laws and regulations for emergency responders; participation in a hands-on demonstrating proficiency in using equipment and recommended processes.

ENVT 2800 Sampling and Analysis 2
Prereq: ENVT 1050 OR CHEM 1010; concurrent with ENVT 2810. Provides hands-on approach to sampling, monitoring, and analysis methods used in field sites and laboratories. A site assessment is completed of a selected site. Monitoring of Jordan River for local POTW. Taken with ENVT 2810.

ENVT 2810 Sampling and Analysis Lab 1
Prereq: Concurrent with ENVT 2800. Provides field opportunities to practice application of sampling, monitoring, and analysis of methods discussed in Envt 2800. Recordkeeping is major focus, along with following SOPs. Must be taken with ENVT 2800.

ESL 1010 College Listening and Speaking 7
Prereq: LOEP>72/ TOEFL 133-172/>450. Prepares students to participate in college classes. Note taking from college lectures, student presentations, are covered.

ESL 1020 College Reading and Writing 8
Prereq: LOEP>72/TOEFL 133-172/>450. Course includes comfort and fluency in writing, academic essays, college textbook reading, and vocabulary building.

ESL 1030 ESL Conversation 3
Prereq: LOEP>72/TOEFL 133-172/>450. Helps students improve general English conversation skills through intensive practice.

ESL 1040 ESL Grammar 3
Prereq: LOEP>72/TOEFL 133-172/>450. Provides instruction and practice in the accurate use of English grammar, including verb tenses, articles, word order, sentence connections, adverbials, and prepositions.

ESL 1050 ESL Vocabulary 3
Prereq: LOEP>72/TOEFL 133-172/>450. Encourages students to increase their vocabulary and to accurately use academic and conversational words and idiomatic phrases in speaking and writing.

ESL 1060 ESL Pronunciation 3
Prereq: LOEP>72/TOEFL 133-172/>450. Assist students in improving all levels of pronunciation, including individual sounds, word stress and sentence intonation.

ESL 1070 TOEFL Preparation 3
Prepares student to take the Test of English as a Foreign Language.

ESL 1080 Business English for ESL 3
Prereq: LOEP>72/TOEFL 133-172/>450. Introduces students to the proper use of English in business situations, including job interviews and resume writing.

ESL 1090 American Culture & Citizenship 3
Prereq: LOEP>72/TOEFL 133-172/>450. Provides students with instruction in the culture and history of the United States for general preparation and in preparation for the US citizenship test.

EST 1100 Intro to Esthetics 4
The theory of esthetics including anatomy, physiology, histology, facials, facial massage and treatments, body and facial waxing, pedicures/manicures, make-up, lymphatic drainage, and lash and brow tinting.

EST 1110 Esthetics Lab I 4
The first of two labs taken concurrently. Practice and experience in facials, facial massage & treatments, body & facial waxing, pedicures/manicures, intro to lymphatic drainage, make-up, lash/brow tinting, and all aspects of Level I esthetics.

EST 1120 Esthetics Lab II 4
The second of two labs taken concurrently. Practice and experience in facials, facial massage and treatments, body & facial waxing, pedicures/manicures, intro to lymphatic drainage, make-up, lash/brow tinting, and all aspects of Level I esthetics.

EST 2400 Master Esthetician I 2
Prereq: Must have Cosmetology/Barbering License or Basic Esthetician License from the State of Utah (proof of such will be required.) The first class of three that teach Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2410 Master Esthetician 1 Lab 5
Prereq: Must be enrolled in EST 2400. The first lab of a series of three that teach Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2500 Master Esthetician II 2
Prereq: EST 2400, EST 2410. The second class of three that teaches Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2510 Master Esthetician II Lab 5
Prereq: Must be enrolled in EST 2500. The second lab of a series of three that teaches Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2600 Master Esthetician III 2
Prereq: EST 2400, EST 2410, EST 2500, EST 2510. The third class of three that teaches Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2610 Master Esthetician III Lab 5
Prereq: Must be enrolled in EST 2600. The third lab of a series of three that teaches Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

ETHS 2410 African Amer. Culture (SS, DV) 3
Intro to historical, political, social & cultural experiences of African Americans in US society including the impact of privilege & discrimination; use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2420 Asian American Culture (SS, DV) 3
Intro to historical, political, social & cultural experiences of diverse Asian Americans in US society including the impact of privilege & discrimination; use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2430 Mexican Amer. Culture (SS, DV) 3
Intro to historical, political, social & cultural experiences of Mexican Americans in US society including the impact of privilege & discrimination; use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2440 Native Amer. Culture (SS, DV) 3
Intro to historical, political, social & cultural experiences of Native American groups in US society including the impact of privilege & discrimination; use of social work frameworks to increase competency in complex cultural & community issues.

EVNT 1010 Intro to Event & Mtg Planning 3
This introductory course acquaints students with the common components of well executed meetings and events. Course introduces site selection, food/beverage, audio visual, contracts, industry overview and career possibilities.

EVNT 1100 Site Selection/Negotiation/Law 3
Outlines the key elements to successful site selection, negotiation issues/techniques, contract provisions/analysis & diverse industry contracts. Legal issues unique to the meeting industry will be identified.

EVNT 1400 Food and Beverage Management 1
Learn a systematic approach to evaluating meeting objectives and group needs as they relate to menu design, pricing structures, guarantee strategies, negotiation items and overall information about food and beverage services.

FA 1080 Basic Metal Sculpting (FA) 3
Enable students to develop & appreciate the human imagination & understand the value of personal creativity through metal sculpting using welding techniques and design.

FA 1090 Bridging the Arts (FA) 3
Course examines the interconnectedness of art, dance, music and theatre by investigating the artistic elements and common threads within the creative process to develop an informed appreciation for one's own artistic values.

FASH 1010 Introduction to Fashion 2
An introduction to career opportunities available in the fashion industry, including an analysis of employer expectations and specialization areas such as buying and designing, fashion coordinating, and textile technology.

FASH 1100 Methods of Pattern Design 3
Half and full-scale standard patterns will be used to teach basic pattern-making skills using such methods as flat pattern, slash and spread, pivoting, draping, and copying, with emphasis on learning to "fit properly." Students will make a final project of their own design. Basic sewing skills recommended.

FASH 1150 Your Personal Pattern 2
Provides a special technique of pattern making by implementing few specific measurements.

FASH 1210 Fashion Illustration/ Design I 2
Teaches students to draw articles of clothing in correct proportion using a guide figure. Students will also learn to illustrate texture and the use of color to graphically illustrate individual designs.

FASH 1220 Fashion Illustration/Design II 2
Prereq: FASH 1210. Students will develop their own style of illustration and broaden their knowledge of professional designers and illustrators and experience public exposure by exhibiting their designs in a showcase or a gallery.

FASH 1300 Visual Merchandising 2
Course is an introduction to the principles and elements of design as it relates to merchant displays. Students will create displays emphasizing line, balance, color and harmony.

FASH 1350 History of Fashion 2
Class will review the history of fashion fads and trends through the use of prints and slides. Contemporary fashion and how design is influenced by historical costumes will also be reviewed and applied to in-class projects.

COURSE DESCRIPTIONS

FASH 1500 Beginning Sewing 2
Course designed to teach basic sewing skills. Students will also operate and work with sewing machines, as well as other sewing equipment. Students who already have this knowledge may test out of this class with the instructor's approval.

FASH 1501 Advanced Sewing 3
Prereq: FASH 1500, FASH 1505. This course is designed to teach independent sewing skills and advanced clothing construction.

FASH 1505 Intermediate Sewing 3
Prereq: FASH 1500. An intermediate level sewing class, teaching students necessary skills for specific construction techniques, utilizing a notebook format.

FASH 1550 Vocational Alter. & Costuming 2
Prereq: Instructor's approval and basic knowledge of sewing. This course will teach the techniques of perfecting the fit of ready-made garments, which will prepare students for employment in stores, dry cleaners and costume shops.

FASH 1551 Adv. Alterations and Costuming 2
Prereq: FASH 1550. This course continues to teach the techniques of perfecting the fit of ready-made garments. Tailoring and other techniques will be introduced. Students will need to provide articles of clothing to work on.

FASH 1600 Serger Class 2
Covers the mechanics of the serger, making decorative stitches, and working with Lycra. The student will complete several projects such as serger bag, T-shirt, and pants.

FASH 1650 Embellishments 2
A study of embellishment techniques that can be used for clothing, home furnishings, and craft projects. Students learn techniques for decorative machine stitching, piecing, appliqué, piping, beading, and other fabric embellishments.

FASH 1850 Fashion Show Production 4
This course will teach all aspects involved in producing a fashion show. The class will culminate with an actual fashion show put on by students featuring both clothing from the community and original student designs.

FASH 1900 Special Projects 1-3
Prereq: Instructor's approval. This non-instructional course is designed to focus on individual student goals and career directions. Projects may range from design to production. Students may also explore individual business opportunities.

FASH 2000 Internship for Fashion 3
Prereq: FASH 1505, FASH 1100. Provides students the opportunity to work in the fashion industry as patternmaker, designer, or fashion merchandiser.

FASH 2010 Textiles 2
Course covers the process of textile construction and follows the production of the clothing article. Students will analyze various fibers and examine fiber strength, durability and resilience.

FASH 2100 Adv. Methods/Pattern Design-Fit 3
Prereq: FASH 1100. This course is a continuation of FASH 1100. Students will draft their own basic pattern set and use this set as the basis for actual product construction.

FASH 2200 Psychology of Clothing 2
This course reviews the social, psychological and economic aspects of fashion from an historical perspective. Students also examine styles and approaches to fashion in various contemporary cultures.

FASH 2240 Fashion Buying and Management 2
Explore all aspects of buying and management as they relate to the fashion industry. The class focus includes pricing, planning, assortment, customer service, selling skills and inventory issues.

FASH 2260 Fashion Forecast. & Market. 2
This course will teach students how to predict trends in fashion by evaluating popular designer collections, surveying fashion publications, catalogs and design services, researching sales statistics and studying market conditions.

FASH 2400 Advanced Design 3
Prereq: FASH 1100, FASH 1200, FASH 1505, FASH 2010, with FASH 2100, MGT 1100. Explore past and present fashion designers and trends. Will design a line of clothing for the current trends in color, style and fabrics. Will have the opportunity to produce designs for acceptance into the Spring Fashion Show.

FASH 2450 Fashion Design Portfolio 2
Prereq: FASH 1210, 1550, 1551, conc. w/ FASH 1300, 1850, 1900, 2100. Course focuses on elevating student's creative work to create a powerful portfolio for employment interviews or advanced education application. Includes interview techniques, resume development, and self-promotion. Students will complete a portfolio and an electronic portfolio.

FHS 0010 Supervised Lab Experience 0
A lab experience in which students complete two hours per week of supervised interaction with children in the Eccles Lab School.

FHS 1320 Health, Safety, and Nutrition 2
The study of health, safety and nutrition, as related to the growth and development of children. The cause and prevention of common health and safety issues, menu planning, and the Federal Food Program are discussed.

FHS 1500 Human Development/Lifespan 3
Fundamentals of growth and development from preconception to old age and death are explored. The domains of physical, cognitive, and social-emotional growth for each age in the life cycle are explored in a variety of contexts.

FHS 1900 Special Studies in FHS 1-2
Prereq: Instructor's approval. Students plan areas of study and work with instructors on an individual basis. Students must identify a study project and have it approved by the instructor before enrolling in the course. Credit varies from 1 to 2 credit hours.

FHS 2000 Co-op Education in FHS 1-2
Prereq: Instructor's approval. This course is designed to accommodate the needs of students who are working at least 20 hours per week in a professional environment that provides direct care to young children. Credit varies (1-2 hours). Instructor's permission required.

FHS 2020 Special Studies-CDA Completion 3
Individuals who have been awarded the CDA Credential will be awarded credit.

FHS 2300 Admin. of E. C. Programs 2
This class examines basic management principles in directing a preschool or child care program. Budgeting, personnel, licensing and building issues are examined.

FHS 2330 Math and Science for Children 2
Prereq: FHS 2600. Applied course for integrating developmentally appropriate math and science concepts into early childhood programs. Includes basic scientific principles, skill assessment and activity planning, learning environments and materials.

FHS 2350 Art and Music for Children 2
Prereq: FHS 2600. Applied course for integrating developmentally appropriate arts concepts into early childhood programs. Includes basic principles of art, music and movement, developing activities and learning environments. Service learning component.

FHS 2400 Marriage and Family Rela. (ID) 3
Introduction to marriage and the family. Personality, interpersonal relations and society are examined within the context of the family life cycle. Emphasis is placed on the impact of societal and personal choices on the family.

FHS 2450 Intro. to Human Sexuality (ID) 3
Integration of biological, behavioral & socio-cultural factors in human sexuality. Personal & social-sexual issues as they relate to decision-making concerning sexual behavior and sexual health are explored.

FHS 2500 Child Development: Birth-Eight 3
Prereq: FHS 1500, FHS 2600. The study of child development, birth to 8 years. Methods of teaching children are examined and practiced. Emphasis placed on developmentally appropriate practices. Includes observation & participation in a supervised lab experience.

FHS 2550 Infant Growth and Development 2
Prereq: FHS 1500. The total development of the infant from birth to 24 months. Emphasis on observation, assessment, developmentally appropriate practices and professional infant care. Research on experimental learning will be reviewed.

FHS 2570 Growth & Dev. of Children 6-12 2
Prereq: FHS 1500. This class studies the growth & development of children ages 6 to 12 years. Principles & issues that impact the child's daily life in and out of the home are discussed.

FHS 2600 Intro. to Early Childhood Ed. 3
Prereq: Concurrent with FHS 0010. An introduction to the field of Early Childhood Education. The basics for shaping curriculum for young children are introduced. Observation and participation in a supervised lab experience (FHS 0010) is a key element of the course.

FHS 2610 Child Guidance 3
Prereq: Concurrent with FHS 0010. This is an introduction to effective strategies for guiding children in individual & large group settings. It includes observations & participation in a supervised lab.

FHS 2620 Creative Learning 3
Prereq: FHS 1500, FHS 2600, FHS 2610, concurrent w/FHS 0010. Emphasizes planning and implementing creative learning activities with young children. Role of observation and assessment in development of curriculum is emphasized. Includes participation in a supervised lab experience.

FHS 2630 Media for the Family 2
Prereq: FHS 2600. An applied course which provides learning of "hands-on" visual design, video and audio media. The use of technology in creating media for the home, school and classroom is emphasized.

FHS 2640 Working with Parents 2
The relationship between home, school and the community are explored. Emphasis is placed on building effective communication between parents and teachers. Students learn to present an effective parent education program.

FHS 2800 Practicum Teaching 5
Prereq: FHS2500, FHS2620, approval, concurrent w/ FHS2820 Supervised classroom practicum experience in the Eccles Lab School. In collaboration with lead teacher, students plan and implement lesson plans and activities for a large group of children. Community placement module included.

FHS 2820 Teaching Seminar 2
Prereq: FHS2500, FHS2620, approval, concurrent w/FHS2800. Examines child development concepts and how they apply to teaching young children. Focuses on building teaching competencies. Seminar format. Discussion of strengths and challenges associated with practicum teaching experience.

FIN 1050 Personal Finance (ID) 3
Study of financial skills essential for economic success. Subjects: Financial planning, fin. services, income taxes, consumer buying, insurance, retirement planning & estate planning.

FIN 1210 Principles of Banking 2
Evolution of American banking; deposit, credit & payment functions; loans & investment; liquidity, safety & income; bank language, documents, accounting & pricing; regulation & examination; personnel, marketing & security; trust services.

FIN 1380 Financial Mathematics 3
Prereq: MATH 0970 or CPT. This course studies time value of money applications in both business and individual settings. Topics include simple and compound interest, annuities, installment loans, savings programs, and APR, APY, NPV, IRR calculations.

FIN 2000 Finance and CO-OP Education 1-3
Prereq: 2.0 GPA with 20 hours/week study-related work. This is supervised work experience in business, industrial, or governmental environment related to the program major. Credit is awarded for completion of specific new learning objectives related to the job and program major.

FIN 2040 Financial Management 3
Prereq: ACCT 1230. This course studies concepts essential to business success. Planning & analysis, leverage, asset mgmt, stock valuation, and debt financing are all examined. Problem-solving with financial calculators and computer applications is taught.

FIN 2100 Introduction to Investments 3
Prereq: FIN 1050. Process of investing; goal setting, risk-return, diversification & asset allocation. Study of available investment vehicles, functions of financial markets, investment techniques/strategies. Taxes, insurance, & estate planning.

FIN 2150 Mutual Funds 3
Prereq: FIN 1050 or approval. Mutual funds, a fast-growing form of financial institution, are explored. Topics include fin. intermediaries, marketing to investors, portfolio management, technology and internationalization. Case studies are used for analysis.

FIN 2200 Personal Financial Plan 3
Prereq: FIN 1050. Real-life case studies; questioning & decision making; basic prin. of financial planning, cash budgets, taxes, mgmt. of assets & debts; insurance review (life, health, property & liab.), major invest. vehicles, retire. & estate planning.

FIN 2210 Principles of Business Credit 2
Prereq: ACCT 1110 or ACCT 1220. Business & consumer credit; credit mgmt., developing credit info., fin. systems analysis, decision making, collection practices & procedures; credit reporting agencies, dept. org & policies, int'l trade credit, govt. use & regulations.

FIN 2220 Financial Statement Analysis 2
Prereq: ACCT 1120 or ACCT 1220, FIN 2210 or concurrent. Analysis of companies' financial statements to identify & evaluate credit risk. Analysis leads students to conclusions about firms' financial condition and credit worthiness.

FIN 2240 Credit Law 2
Prereq: FIN 2210. Legal aspects of credit & collections. Subjects: Credit laws, civil procedure, secured claims & bankruptcy.

FIN 2950 Executive Lectures I 1
Corporate, industry, & government leaders share their experiences in finance, mgmt, & economics. Students benefit from wisdom acquired through practical business exper. & learn about events affecting local/national businesses/economies.

FIN 2960 Executive Lectures II 1
Prereq: FIN 2950. Similar to Executive Lectures I, but usually taken one year later; therefore, some speakers and topics change, as do local and national business & economic conditions.

FIN 2990 Special Studies in Finance 1-3
Prereq: Instructor's approval. Under the supervision of the instructor, students develop and follow an individualized curriculum.

FLM 1023 Introduction to Film (FA) 4
Introduces students with no previous film training to historical, technical, and aesthetic developments of film within its cultural context. Film genres examined. Some materials presented are R-rated. Also listed as THEA 1023.

FLM 1030 Intro to Film Technology 2
An intensive workshop experience in which students, crewing in their area of specialization, complete the shooting and postproduction of projects up to 30 minutes in length. Required of all Film majors.

FLM 1031 Production Project II 2
Prereq: FLM 1030. A follow-up workshop experience to FLM 1030, in which students, crewing in their area of specialization, complete the shooting and postproduction of projects up to 30 minutes in length. Required of all Film majors.

FLM 1040 Basic Prod. /Film Technicians 2
Prereq: Concurrent with FLM 1041. A comprehensive intro. to basic film production techniques & equipment. Proper procedures explained for use of cameras, lenses, film stocks, lights, mics, tape recorders, editors, & other equip. Required of all Film majors.

FLM 1041 Intro. to Prod. for Film Lab 2
Prereq: Concurrent with FLM 1040. This lab course allows continued development of production projects, utilizing principles previously learned in all other film classes.

FLM 1060 Camera Technology 1
Prereq: FLM 1040; Concurrent with FLM 1061. Assignments in film and video formats focusing on black/white/color cinematography, individual projects, camera and lighting techniques in commercial, education, & dramatic films.

COURSE DESCRIPTIONS

FLM 1061 Camera Technology Lab 3
Prereq: FLM 1041; Concurrent with FLM 1060. This lab course allows continued development of production projects, utilizing principles previously learned in all other film classes.

FLM 1070 Film and Culture (FA, DV) 4
Course intended to raise diversity awareness through aesthetic, critical, and interdisciplinary examination of our American Cultural Identity through film. Presents film as an art form, as an industry, and ultimately a system of cultural representation and communication.

FLM 1100 Acting for the Camera I 1
Acting for the camera focuses on discovering and developing strong acting techniques common to both stage and camera, on the relationship between actors and directors, and on developing basic camera techniques.

FLM 1101 Acting for the Camera I Lab 3
This lab course allows for practice time in both solo and interactive performances for the camera.

FLM 1110 Voice & Speech for the Actors 3
Principles of diction, voice development & improvement, vocal variety and expressiveness. Focus on various aspects of using the voice effectively including volume and projection, rate and phrasing, inflection, and resonance.

FLM 1200 Acting for the Camera II 1
Prereq: FLM 1100. Hands-on study of the camera actor's craft. Emphasis on more advanced camera acting theories, auditioning techniques, practice of various camera techniques & the study of methods used by Film/TV actors.

FLM 1201 Acting for the Camera II Lab 3
Prereq: FLM 1101. This lab course allows for practice time in both solo and interactive performances for the camera.

FLM 1800 Digital Media Essentials 4
Intro to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

FLM 1900 Independent Studies 1-2
Prereq: Instructor's approval. Students will plan their areas of study, performance and/or technical work with full-time instructor on an individual basis.

FLM 2010 Understanding Film Dir./Tech. 2
Prereq: FLM 1040, FLM 1060; Concurrent with FLM 2011. Emphasis on visualization of the screen play, the junction of the actor in interpreting the script, and the role of the director in handling actors during production of a film. Required of all Film majors.

FLM 2011 Understand. Film Dir./Tech Lab 2
Prereq: Concurrent with FLM 2010. Practice time is allowed for actual film directing, using other classmates and community members in film projects.

FLM 2030 Documentary/Indust. Film Prod. 2
Prereq: FLM 1031. A follow-up workshop experience to FLM 1031. Students will crew in their area of specialization, as well as complete shooting and post-production work on projects. Required of all Film majors.

FLM 2040 Technical Post-Production 1
Prereq: FLM 1060; Concurrent with FLM 2041. Practicum in the creative & technical aspects of interactive media technology: multimedia; digital video; producing/de-signing for interactive TV/cinema/CD/online. Creative use of technologies for new forms of expression.

FLM 2041 Technical Post-Production Lab 3
Prereq: FLM 1061; Concurrent with FLM 2040. Practice time is provided to utilize technologies discussed in FLM 2040.

FLM 2060 Motion Picture Sound for Tech. 1
Prereq: Concurrent with FLM 2061. Instruction in the method of recording sound with emphasis on motion pictures. Topics include: microphones, NAGRA & DAT recorders, location sound recording problems, transfer, ADR, Foley, sound effects, editing & mixing; basics of prod.

FLM 2061 Motion Picture Sound/Tech. Lab 3
Lab time is provided to experiment with various types of sound equipment for film.

FLM 2070 Bus Mgmt/Admin for Film Prod. 3
Introduces students to the multiple business, administrative & management issues & practices for the performing arts. Areas included: pre-production, production, post-production, insurance, liability, advertising, & marketing.

FLM 2200 Introduction to Film Criticism 4
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070. Film or theatre majors explore in-depth critical aspects of film including aesthetic and technical developments that have influenced film from its inception to present day. Students will view key films. Some R-rated films presented.

FLM 2700 Adv Physical Prod./Technicians 2
Prereq: FLM 2030; Concurrent with FLM 2701. With one-on-one faculty supervision, the student researches, designs, and completes his own final film or digital video project.

FLM 2701 Adv Phys. Post-Prod/Tech Lab 2
Prereq: FLM 2030, w/FLM 2700. One-on-one faculty supervised technical film post-production project. Student participates in editing teams to perform post-production for film or digital video projects on which principal photography was completed in FLM 2700.

FLM 2750 Film Prod. Techn. Internship 3
Prereq: FLM 2030, FLM 2040. Provides students with hands-on experience in actual work environments. Students will learn throughout their fieldwork about television and movie sets, and actual film television, and movie production.

FLM 2800 Film Acting for Directors 1
Prereq: Concurrent with FLM 2801. Course demystifies the actor's craft and develops a range of techniques through scene study, improvisations, exercises & script analysis. Techniques are invaluable to directors and writers.

FLM 2801 Film Acting for Directors Lab 2
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070, Concurrent with FLM 2800. This lab course provides practice time to focus on the principles discussed in FLM 2800.

FLM 2900 Special Topics 3
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070. A course designed for students to explore specific areas of interest in a classroom setting.

FMTA 1110 Maintenance Electricity I 5
Prereq: FMTA 1470 or math competence/placement MATH 1010. Basic AC/DC Electricity course discussing terminology, circuits, testing equipment, troubleshooting, outlets, three way switching, single pole switching, repair/replacement, splicing wires, working knowledge of code, lighting, & electrical safety rules & procedures including lock-out tag-out. First Aid/CPR course must be completed in this course.

FMTA 1120 Maintenance Electricity II 5
Prereq: FMTA 1110. Continued training in industrial motor control principles & electrical magnetic controls, ladder diagramming & relay logic, reduced voltage starting, braking & speed control, symbols, design strategies, NEC codes, instrumentation, distribution & various control systems.

FMTA 1210 Maintenance HVAC 5
Prereq: FMTA 1120. Includes safety, basic HVAC principles/practices, EPA refrigerant evacuation/reclamation Certification, basic refrigeration, basic heating, troubleshooting, tools, and equipment. Course work for RMGA Certification will be presented with testing optional.

FMTA 1220 Maintenance Plumbing 5
Prereq: FMTA 1470 or math competence/placement MATH 1010 and FMTA 1210 or Approval of Program Sponsor.

FMTA 1470 Math for the Trades 5
Customized course in applied mathematics starting with whole numbers, formulas, fractions, decimals, algebra, geometry, and trigonometric functions.

FMTA 2310 Maintenance Constr/Mechanic 5
Prereq: FMTA 1470 or math competence/placement MATH 1010 and Program Sponsor approval.

FMTA 2320 Maintenance Pipefitting 5
Prereq: Approval of Program Sponsor.

FMTA 2410 Mntnc. Welding/Trowel Trades 5
Prereq: FMTA 1470 or math competence/placement MATH 1010 and Program Sponsor approval.

FRN 1010 Beginning French I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

FRN 1020 Beginning French II (LN) 5
Prereq: FRN 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

FRN 1300 Beginning Conversation 1
Prereq: FRN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

FRN 1900 Special Studies in French 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

FRN 2010 Intermediate French I 4
Prereq: FRN 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

FRN 2020 Intermediate French II 4
Prereq: FRN 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

FRN 2300 Conversation 1
Prereq: FRN 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

FRN 2700 Introduction to Literature 3
Prereq: FRN 2020 or FRN 2010. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

FRN 2710 Introduction to French Film 3
Prereq: FRN 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in French. Lab attendance required.

FRN 2900 Special Topics in French 1-3
This is a course designed by faculty which allows students to explore specific interests in French language and culture. Lab attendance is required. May be repeated for credit.

GCMT 1010 Golf Course Management Intro 2
This course is devoted to the overview of the golf industry. The students are exposed to the various mechanics of golf operations, the marketing challenges, and analysis of each facility.

GEO 1010 Intro to Geology (PS) 3
An introduction to the processes and materials that shape the earth. It includes mineral identification, map reading, deposition, volcanism, earthquakes, and continental drift.

GEO 1060 Environmental Geology 3
Prereq: Concurrent with GEO 1065. This is the study of natural and man-made threats to human life and property. Their causes, preventions, and mitigation are covered.

GEO 1065 Environmental Geology Lab 1
Prereq: Concurrent with GEO 1060. This course provides hands-on experience in the lab, the community, and the field with subjects covered in GEO 1060.

GEO 1110 Physical Geology 3
Prereq: Concurrent with GEO 1120. This is a survey of the earth's crust and crustal physical processes, basic earth materials constituting the lithosphere and hydrosphere. Class is designed for Geology majors.

GEO 1115 Physical Geology Lab 1
Prereq: Concurrent with GEO 1110. This is a laboratory experience in physical geology.

GEO 1220 Historical Geology 3
Prereq: GEO 1110, GEO 1120, concurrent with GEO 1225. Class covers physical and biological history of earth development of major structural and stratigraphic features; also an introduction to fossil record.

GEO 1225 Historical Geology Lab 1
Prereq: Concurrent with GEO 1220. This twice per week class is to provide hands-on experience in the lab, the community, and the field with subjects covered in GEO 1220.

GEO 2350 Field Studies in Geology 3
Prereq: Instructor permission. Course provides an introduction to geology field studies. Covers local geology, rock and mineral identification, map reading, structure recognition and relevant geologic processes.

GEOG 1000 Earth's Surface Envrnmnts (PS) 3
This course examines the interrelationships of land, water, and atmosphere in the human environment. Location of features and countries is also emphasized.

GEOG 1300 Regional Geography (ID) 3
The study of major cultural regions of the world. Includes introduction and analysis of current cultural, political, economic, and environmental issues.

GEOG 1400 Human Geography (ID) 3
The thematic study of human activity (population, religion, language, migration, industry) and the global distribution of these activities.

GEOG 1700 Nat. Dis. Env.Fld. Study (PS) 3
Course introduces natural disasters, the related energy and processes which cause them, and the impact on human activity as an integral component. Investigations include methods of prevention, preparation and mitigation of damage.

GEOG 1800 Intro/Geographic Info Sci (ID) 3
Course provides a foundation for skill development in GIS. Multiple sources for acquiring and analyzing data with basic GIS application are introduced.

GEOG 1820 Applied GIS 3
Prereq: GEOG/GIS 1800 or Instructor Approval. Class builds on skills introduced in GEOG/GIS 1800 with emphasis on using original source data. May include use of Tiger files, hotlinking, GPS, joining/merging files and other advanced GIS skills.

GEOG 1900 Special Projects 1-3
Prereq: Instructor Approval. With instructor as facilitator, students develop and pursue an individualized curriculum, using ArcView/GIS procedures.

GEOG 2000 Geography Co-Op 2-4
Prereq: Instructor's approval. Cooperative education represents flexibility and alternative opportunities for students to complete portions of their educational goals through new learning associated with study related internships/employment

GEOG 2100 Maps and Measurement 5
Course provides basic cartographic skills, scale, grid systems, measurements, contour line/interpolation, aerial photos, remote sensing, surveying essentials, graphing, projections and other map interpretation skills.

GEOG 2200 Urban/Environ. Issues (ID) 3
Class investigates the effect of encroachment of the urban environment upon the natural environment, and the complexity of interrelationships at local, national, and global levels, to define the individual's role.

GEOG 2900 Independent Projects 1-3
Prereq: Instructor Approval. Course provides an avenue for recertification/endorsements for teachers, or opportunities for students with varying credit needs. Individual topics will be mutually defined by instructor and student. May include Service Learning.

GEOG 2920 Contemporary Studies 3
Prereq: GEOG 1900 or Instructor Approval. Individual studies with GIS application. Students will design project and present for approval. May have a service learning component. Purpose of class is to give students hands-on experience using GIS.

COURSE DESCRIPTIONS

GER 1010 Beginning German I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

GER 1020 Beginning German II 5
Prereq: GER 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

GER 1300 Beginning Conversation 1
Prereq: GER 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

GER 1900 Special Studies in German 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

GER 2010 Intermediate German I 4
Prereq: GER 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing, and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

GER 2020 Intermediate German II 4
Prereq: GER 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

GER 2300 Conversation 1
Prereq: GER 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

GER 2700 Introduction to Literature 3
Prereq: GER 2010 or GER 2020. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

GER 2710 Introduction to German Film 3
Prereq: GER 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in German. Lab attendance required.

GER 2900 Special Topics in German 1-3
This is a course designed by faculty which allows students to explore specific interests in German language and culture. Lab attendance is required. May be repeated for credit.

GIS 1800 Intro/Geogra. Info. Sci. (ID) 3
Course provides a foundation for skill development in GIS. Multiple sources for acquiring/analyzing data with interdisciplinary applications.

GIS 1820 Applied GIS 3
Prereq: GEOG/GIS 1800 or Instructor Approval. Class builds on skills introduced in GEOG/GIS 1800 with emphasis on using original source data. May include use of Tiger files, hotlinking, GPS, joining/merging files and other advanced GIS skills.

GIS 2900 Independent Projects 1-3
Course provides an avenue for recertification/endorsements for teachers, or opportunities for students with varying credit needs. Individual topics will be mutually defined by instructor and student. May include Service Learning.

GIS 2920 Contemporary Studies 3
Prereq: GIS 1900 or Instructor Approval. Individual studies with GIS application. Students will design project and present for approval. May have a service learning component. Purpose of class is to give students hands-on experience using GIS.

HDEO 1110 Heavy Duty Equip. Operator 1 5
This course studies the history of highway construction & elements of safety as they relate to the equipment operator. Equipment identification and basic equipment operation is covered.

HDEO 1120 Heavy Duty Equip. Operator 1B 5
Students receive an introduction to equipment lubrication. Students also complete a 40-hour Hazmat course.

HDEO 1210 Heavy Duty Equip. Operator 2A 5
Students receive hands-on equipment operation. Students also receive forklift certification and MSHA certification. Also included is a 40-hour grade setting component.

HDEO 1220 Heavy Duty Equip. Operator 2B 5
This course covers an introduction to crane identification, operation, and safety.

HDEO 2310 Heavy Duty Equip. Operator 3A 5
This course covers advanced operating techniques as well as an introduction to automatic controls.

HDEO 2320 Heavy Duty Equip. Operator 3B 5
This course covers advanced finishing techniques including laser controlled grading.

HIST 1100 Hist/Westrn Civ. to 1300 (SS) 3
A survey of the development of Western Civilization to 1300. Special emphasis is placed on the cultural, economic, social and political contributions of ancient and medieval cultures to modern societies.

HIST 1110 Hist/ West Civ. since 1300(SS) 3
This is a survey of the development of Western Civilization since 1300. Special emphasis is placed on the cultural, economic, social, and political contributions of European culture.

HIST 1300 Colonial Latin America 3
This is a survey of Latin America from pre-Columbian times to an era of independence. Emphasis is placed on the continuum of Latin as well as native cultures.

HIST 1310 Modern Latin America 3
This course surveys Latin America from the era of independence to the present. Emphasis is on contemporary issues of dependency, revolution, and cultural identity.

HIST 1450 Islamic Civilization 3
This course addresses historical and cultural evolution of the dominant religious civilizations of the Middle East.

HIST 1500 World History to 1500 3
This course is the first half of a series covering World History to 1500. (HIST 1510 covers World History since 1500.)

HIST 1510 World History Since 1500 (SS) 3
Students examine civilizations of the world since 1500. Emphasis is on transformation from a world of divided regions to one of worldwide economic, political and cultural systems.

HIST 1700 American Civilization (AI) 3
This course covers the fundamentals of American history from exploration and colonizations to the present with emphasis on historical, political, social, and economic events. Certain sections taught using service-learning.

HIST 1900 Special Studies in History 1-2
Prereq: Instructor approval. Under the instructor's supervision, students develop and follow an individualized curriculum.

HIST 2200 Americanization (SS,DV) 3
Course focuses on challenges of diverse groups in their struggle for inclusion in US society. Politics & economics will be examined in the context of power structures that created privilege and how marginalized groups became privileged over time.

HIST 2700 US History to 1877 (SS) 3
Provides a thorough examination of American History from the Pre-Columbian period through Reconstruction, with a focus on the challenges that diverse groups faced as they struggled for an inclusive place in American society.

HIST 2710 US History Since 1877 (SS) 3
American History is covered from Reconstruction to the present. In addition to thorough treatment of the major events of the period, this course will focus on the challenges that diverse groups faced as they struggled for an inclusive place in American society.

HIST 2900 Special Topics 1-3
Prereq: Instructor approval. A course designed by faculty which allows students to explore specific interest areas of History on a semester-by-semester basis.

HIST 2990 A Survey of Utah History (SS) 3
A general survey of the history of Utah to the present and its place in the region and the nation will be examined.

HLAC 1000 Cardio Fitness (LW) 1
A workout class that emphasizes the correct concepts of a cardiorespiratory workout, including target heart rate zones and perceived exertion. Course includes appraisals of student fitness levels. Emphasis is on lifelong wellness.

HLAC 1013 Body Strength and Tone (LW) 1
A group strength and conditioning class that uses a wide variety of equipment to increase muscular strength and muscular endurance. Students will learn to monitor their workout intensity, and safely use a variety of training methods. This class encourages lifetime fitness & wellness.

HLAC 1015 Aerobics II/Spinning (LW) 1
A rigorous aerobic workout on cycles, in a class setting, set to music. Develops cardiovascular endurance and improves overall muscular strength.

HLAC 1020 Aerobics I/Step (LW) 1
Aerobic conditioning designed to develop cardiovascular endurance, strength, coordination and flexibility. Involves routines which include step benches, and vigorous exercise set to music.

HLAC 1025 Aerobics I/Interval (LW) 1
Aerobic conditioning class which may include jogging, interval training and vigorous exercise set to music. Covers proper guidelines to monitor target heart rate. Emphasis on proper safety and technique.

HLAC 1030 Aerobics II/Kickboxing (LW) 1
A rigorous interval aerobic workout combining techniques of boxing and martial arts, set to music. Develops cardiovascular endurance and improves muscular strength.

HLAC 1046 Jog/Walk (LW) 1
Student will engage in a personalized jogging and/or walking program. Students will be taught proper technique, safety and footwear selection. A means to help students lose fat, firm up, improve cardiovascular endurance and ease tension.

HLAC 1055 Pilates I (LW) 1
This is a Pilates mat class that uses breathing, core conditioning and body awareness in a series of dynamic exercises to stretch, strengthen and streamline the body. This course emphasizes lifelong fitness and wellness.

HLAC 1057 Yoga I (LW) 1
Introduction to Hatha Yoga stretching, breathing, and relaxation techniques. Designed for stress management. Meditation, peace of mind, and self-awareness.

HLAC 1058 Yoga II (LW) 1
Prereq: HLAC 1057 or instructor approval. Intermediate instruction in Hatha Yoga techniques. Covers New Asanas, Pranayamas and Meditations.

HLAC 1060 NIA (LW) 1
A cardiovascular class that uses whole-body, expressive and grounded movement combining martial arts, the healing arts and the dance arts. This class emphasizes fitness and lifelong wellness concepts.

HLAC 1062 Flexibility for Fitness (LW) 1
A comprehensive stretching program to increase the range of joint mobility, that will include all body parts through a regular flexibility exercise program. Covers safe practice and enjoyable ways to increase muscular flexibility.

HLAC 1067 Triathlon Training (LW) 1
Teaches students training principles, techniques and exercises needed to compete in triathlons. Students will learn how triathlon training can be part of lifelong wellness.

HLAC 1073 Aerobic Circuit (LW) 1
Cardiovascular workout combined with strength training. Use of resistance equipment, alternating with aerobic intervals. Covers basic principles in resistance and cardiovascular training. Excellent for cross training and muscle toning.

HLAC 1080 Strength Training I (LW) 1
Basic principles in resistance training, proper lifting techniques, and methods to increase muscular strength and endurance. Free weights, weight machines and exercise apparatus will be used. Learn proper training fundamentals.

HLAC 1081 Strength Training II (LW) 1
Prereq: HLAC 1080 or instructor approval. Intermediate course to continue strength training program. Student will write own program and set goals attainable throughout training period. Includes related strength, chin-ups and dips.

HLAC 1096 Fitness for Life (LW) 1
Wellness and healthy lifestyle concepts are taught with an emphasis on aerobic exercise and physical fitness. Lecture/ Lab format. Students will design and engage in a fitness program. Includes fitness appraisals and behavior changes.

HLAC 1100 Tennis I (LW) 1
Covers basic concepts of tennis. Includes scoring, serving, forehand, backhand, overhead, volley, and net game. Covers basic tennis techniques, rules, and strategies.

HLAC 1101 Tennis II (LW) 1
Prereq: HLAC 1100 or instructor approval. Course starts at advanced beginner level. Learn to adjust tennis strokes; power, control, height of bounces, speed and angles. More efficient use of court and court strategy. Also obtain more effective use of flat stroke.

HLAC 1105 Badminton (LW) 1
Course covers basic concepts of singles and doubles badminton. Includes basic strokes, serves, shots, safety, rules, strategy and the role badminton can play in maintaining lifelong wellness.

HLAC 1110 Racquetball I (LW) 1
Covers basic fundamentals of racquetball. Includes basic strokes, shots, safety, strategy and sportsmanship. Introduces and practices new skills each class session. Gain better understanding of rules and regulations of sport.

HLAC 1111 Racquetball II (LW) 1
Prereq: HLAC 1110 or instructor approval. Covers intermediate skills, techniques, and strategies used in singles, doubles, and cut-throat matches. Includes increased levels of proficiency and competition.

HLAC 1130 Golf I (LW) 1
Designed to teach basic techniques, rules and etiquette of golf. Excellent class for beginners.

HLAC 1131 Golf II (LW) 1
Prereq: HLAC 1130 or instructor approval. Course teaches intermediate golf skills, techniques, and strategies. Includes individual evaluation of golf game strengths and weaknesses and emphasizes playing according to USGA rules.

HLAC 1145 Bowling I 1
This course covers basic fundamentals of the game. Skills reviewed include ball selection, approach, and delivery. Rules and etiquette will also be covered.

HLAC 1146 Bowling II (LW) 1
Prereq: HLAC 1145 or instructor approval. This course continues the study and application of effective bowling. Intermediate skills, techniques, and strategies I will be taught.

HLAC 1200 Basketball I (LW) 1
Course teaches the basic skills of shooting, passing, ball handling, rebounding, transition, teamwork, and the rules and regulations of basketball. Introduces new skills and allows scrimmage time each class session.

HLAC 1201 Basketball II (LW) 1
Prereq: HLAC 1200 or instructor approval. Teaches intermediate skills of shooting, passing, rebounding and ball handling. Intermediate level strategies of the game with emphasis on a more competitive style of play. Includes scrimmage time during each class session.

COURSE DESCRIPTIONS

HLAC 1210 Volleyball I (LW) 1
Covers basic skills of setting, passing, serving, spiking, blocking, and individual defense. Covers basic concepts of defense, offense, and transition. Increase individual skill and understanding of rules which govern volleyball.

HLAC 1211 Volleyball II (LW) 1
Prereq: HLAC 1210 or instructor approval. Covers advanced skills and team concepts for intermediate players. Teaches 6-person, 3-person, and 2-person intense transition drills. Excellent course for students who enjoy volleyball.

HLAC 1212 Volleyball III (LW) 1
Prereq: HLAC 1211 or instructor approval. Covers skills and team concepts for advanced players. Advanced techniques including offensive and defensive systems, blocking principles, stacking. Excellent course for students who enjoy competing in volleyball.

HLAC 1225 Softball (LW) 1
Covers the basic fundamentals of softball. Students can increase individual skills and gain an understanding of the rules and regulations that govern this sport. Designed for fun and good competition.

HLAC 1230 Soccer I (LW) 1
Covers soccer concepts including ball control, dribbling, heading, trapping, passing, and shooting. Teaches rules and strategies of the game with an emphasis on team play.

HLAC 1231 Soccer II (LW) 1
Prereq: HLAC 1230 or instructor approval. This course moves beyond the recreational level by providing students an opportunity to increase soccer skills as it covers more advanced skills and strategies than Soccer I.

HLAC 1232 Competitive Womens/Mens Soccer (LW) 1
Must be a member of SLCC competitive soccer club to enroll. Call 957-4002 for questions about the men's team or 957-4336 for questions about the women's team.

HLAC 1300 Swimming I (LW) 1
Instruction includes floats, basic stroke techniques, water entries, water comfort, safety, and endurance. Meets American Red Cross basic swimming stroke standards.

HLAC 1301 Swimming II (LW) 1
Prereq: HLAC 1300 or instructor approval. Designed to give in-depth instruction in stroke technique, mechanics and endurance, rhythmic breathing and water safety skills.

HLAC 1310 Water Fitness (LW) 1
Designed for swimmers and non-swimmers. This water exercise program will increase cardiovascular fitness, flexibility, strength, and endurance.

HLAC 1330 Power Swim (LW) 1
Prereq: HLAC 1301 or instructor approval. Course offers a variety of interval training techniques to improve cardiovascular endurance and strength fitness. Program individualized to student's current fitness level and goals.

HLAC 1350 Scuba I (LW) 1
Covers basic scuba diving techniques, safety and equipment use in an indoor pool setting. Learn about pressure, dive tables, respiration and planning. Special fee required.

HLAC 1351 Scuba II (LW) 1
Prereq: HLAC 1350 or instructor approval. Underwater search patterns, principles of underwater physics, volume and pressure changes, limited visibility diving. Specialty equipment, deep diving, and photography will be covered. Special fee required.

HLAC 1410 Tai Chi (LW) 1
Introduction in the incorporation of the fundamentals of martial arts into an exercise program rather than a combative program. Includes wellness and healthy lifestyle concepts.

HLAC 1442 Brazilian Capoeira (LW) 1
Capoeira is a diverse Brazilian martial art which incorporates self-defense, kicks, ground moves, acrobatics & music. Participants gain strength, flexibility, coordination, and endurance.

HLAC 1445 Taekwon-Do I (LW) 1
Introduction in the martial arts of Taekwon-Do introduces basic techniques, skills conditioning and self-defense movements. Provides opportunity to become proficient in kicking, blocking, punching and self-defense techniques.

HLAC 1446 Taekwon-Do II (LW) 1
Prereq: HLAC 1445 or instructor approval. Continuation of HLAC 1445 with emphasis on intermediate skill techniques, body conditioning and self-defense. Students will perform intermediate kicks, blocks, patterns and board breaking. Includes class participation and demonstrations.

HLAC 1449 Kung fu I/Wing Chun (LW) 1
Introduction to Wing Chun Kig fu including calisthenics and basics. Course will include history, theory, fight strategy, self-defense, grab, and grappling techniques. Emphasis is on lifelong wellness.

HLAC 1450 Kung Fu I (LW) 1
Introduction to the basics of traditional Chinese Hung Gai Kung Fu. Includes development of strength, balance and form. Covers self-defense, philosophy, and practice. Includes grappling techniques, Chi Kung, and Meditation.

HLAC 1451 Kung Fu II (LW) 1
Prereq: HLAC 1450 or instructor approval. The continued study of Hung Gai techniques and basics. Includes Chi Kung, conditioning, self-defense and intermediated Shaolin. Instruction includes grappling techniques.

HLAC 1520 Hiking I (LW) 1
Designed for students to learn the basic skills of hiking, trip planning, and first aid. This adventure class is a natural and inexpensive form of physical activity.

HLAC 1527 Rock Climbing I (LW) 1
A beginning indoor climbing class focusing on climbing safety, top-rope belaying, bouldering, and beginning climbing technique. No prior roped climbing experience required. Attendance at the first class is mandatory.

HLAC 1528 Rock Climbing II (LW) 1
Prereq: HLAC 1527 or instructor approval. An intermediate level climbing class focusing on indoor lead climbing and advanced climbing techniques. Attendance at the first class is mandatory.

HLAC 1540 Related Outdoor Activity (LW) 1
This course provides credit for physical activity related to other courses offered by the College such as community services courses involving building homes for the homeless or anthropology courses involving field schools.

HLAC 1550 Mountain Biking I (LW) 1
Provides instruction in basic mountain biking techniques, maintenance, trip planning, safety, and first aid. Class meets at various locations along the Wasatch Front. Students must provide their own bike.

HLAC 1551 Mountain Biking II (LW) 1
Prereq: HLAC 1550 or instructor approval. Provides instruction in intermediate mountain biking skills including maintenance, trip planning, safety, and first aid. Class meets at various locations along the Wasatch Front. Involves longer and more technical rides than Mtn. Biking I.

HLAC 1610 Skiing/Snowboarding (LW) 1
Designed for all level downhill skiers or snowboarders. Skills will be assessed. Covers correct techniques. Classes taught by professionally-trained instructors. Special fee required.

HLAC 1655 Snowshoeing I (LW) 1
Students taught basic skills in snowshoeing techniques. Maintenance, trip planning, and first aid will be covered.

HLAC 1715 Country Western Dance I (LW) 1
Includes Western Swing, Line Dances, Texas Two-Step, Cotton- Eyed Toe, Schottische and Heel-Toe Polka. Includes partner dancing developing a country western dance style. Previous dance experience is not required.

HLAC 1716 Country Western Dance II (LW) 1
Prereq: HLAC 1715 or instructor approval. Includes Pony Swing, East Coast Swing, Waltz, Two-Step, and Line Dances. Covers patterns, techniques and style performed at an intermediate level, making the class more challenging and fun.

HLAC 1720	Social Dance I (LW)	1
Introduces social, ballroom, and partner dancing. Includes basic steps of waltz, foxtrot, swing, Cha-Cha, and other partner dances. Master basic movement and step patterns. Previous dance experience is not required.		
HLAC 1721	Social Dance II (LW)	1
Prereq: HLAC 1720 or instructor approval. Designed for students with previous basic skills in ballroom dance. Intermediate steps of waltz, swing, Cha-Cha, and other partner dances will be taught. This course is challenging and fun.		
HLAC 1725	Latin Social Dance (LW)	1
Students will be taught popular Latin dances including: Salsa, Cha-cha, Meringue, Cumbia, and Bachata. Previous experience is not necessary. This course is designed for fun and encourages lifelong participation.		
HLAC 1800	Intercollegiate Athletics (LW)	1
Prereq: Instructor approval. This is competitive athletics: baseball, basketball, and volleyball. Instructor approval required.		
HLAC 1805	Cheer Squad (LW)	1
Prereq: Instructor approval. This is an intercollegiate athletic team that competes nationally. Instructor approval required.		
HLAC 2110	Prin. of Weight Training (LW)	1
Advanced course designed to provide students with the opportunity to become skilled in the use of free weights, weight machines, and exercise apparatus. Will apply training fundamentals to careers in exercise, sports, and health.		
HLAC 2620	Physical Ed in Elem School	2
For elementary education majors, elementary teachers, and early childhood development personnel. Covers planning, organizing, and teaching physical education to elementary-age children. Examines basic motor skills and movement.		
HLTH 1020	Foundations of Nutrition	3
Introduces and applies basic nutrition concepts. Fundamentals of human nutrition and its applications to a healthier lifestyle. Evaluation and assessment of nutrition issues which includes preventing nutrition-related diseases.		
HLTH 1050	Life, Society and Drugs (ID)	3
A comprehensive examination of the personal, social, health, political and economic effects of substance use and abuse in the United States. Studies the impact of alcohol and other drugs on the individual, family, and society as a whole.		
HLTH 1105	Healthy Body Image/Weight Mgmt	2
Promotes positive body image and self esteem. Includes self assessment, evaluation, biological, social and spiritual strategies to assist students in accepting themselves regardless of body size or images.		
HLTH 1110	Social Health & Div. (ID, DV)	3
This course offers an analysis and evaluation of social health issues facing the United States today. Disparity in health care caused by social problems such as bias, privilege, discrimination and prejudice will be discussed.		
HLTH 1150	Know Greater Heroes I	3
Students will be coached to master key communication skills, beliefs and physiology of truly successful people and outstanding leaders.		
HLTH 1200	First Aid and Safety	3
Course follows American Red Cross Responding to Emergency guidelines and leads to first aid and CPR certification.		
HLTH 1250	Stress Management	2
Covers ways to help minimize effects of stress. Includes techniques of prevention, perception and intervention. Also provides relaxation techniques, personality profiles, goal setting, communication, time management and imagery skills.		
HLTH 1255	Mind/Body Connection	3
Intro to mind/body potential for alleviating illness and improving health. Covers relaxation tech, guided imagery, & other alternative methods. Includes psychoneuroimmunology and support systems with practical application.		
HLTH 1260	21st Century Medicine	3
Explores trends in medical treatment. Learn about nutrition therapies, environmental detoxification, pharmaceutical treatment, herbology, homeopathy, energy medicine, physical therapy and other practical preventative measures.		

HLTH 1300	Doula & Childbirth Preparation	3
This course covers the pre and post partum period of pregnancy as well as labor and delivery. Students will learn what to expect in pregnancy, childbirth and the postpartum period.		
HLTH 1350	Intro to Yoga Teacher Training	5
Prereq: HLAC 1057 or HLAC 1058 or personal practice. Class will cover the following principles of yoga: asanas, pranayamas, kriyas, chanting, mantra, meditation and other traditional yoga practices with equal time given to analytical training & teaching and practice techniques.		
HLTH 1355	Yoga Teacher Training II	2
Class will cover human physical anatomy, physiology, and energy anatomy and physiology (chakras, nadis, etc.) as applied to the subject and application to yoga practice.		
HLTH 1360	Yoga Teacher Training III	5
Prereq: HLTH 1350 or with HLTH 1350. Class continues the study of asanas, pranayamas, kriyas, chanting, mantra, meditation and other traditional yoga techniques. Teaching methodology and yoga philosophy, lifestyle and ethics for yoga teachers will be covered.		
HLTH 1365	Yoga Teacher Practicum	2
Prereq: HLTH 1350, HLTH 1355, HLTH 1360. Class allows students to complete the required practical teaching requirements for the Yoga Alliance. Practicum teaching of Yoga classes will be done with fellow students during class and in the community as a volunteer.		
HLTH 1370	Yoga Teacher Practicum	2
Prereq: HLTH 1350, HLTH 1355, HLTH 1360, HLTH 1360, HLTH 1365 OR Instructor Approval. This class allows students to complete the required practical teaching requirements for the Yoga Alliance. Practicum teaching of Yoga classes will be done with fellow students during class and in the community as a volunteer.		
HLTH 1400	Intro Pers Trng Group Ex Instruc	2
Intro to the professions of personal training and group exercise instruction. Visit health clubs, corporate fitness centers and private training facilities. Information on national certification requirements and costs given.		
HLTH 1405	Eval and Assessment of Fitness	3
Students will learn to use the tools available in assessing and evaluating the physical fitness level of their clients. Students will be introduced to assessment computer software and learn to administer and interpret the results.		
HLTH 1410	Aerobics Instructor Training I	3
Prereq: HLTH 1400 or instructor's approval. Students learn dynamics of teaching kickboxing, step, interval and circuit classes that combine cardio and strength workouts. Students learn to design & lead an exercise class using safety, proper technique, cueing & music coordination.		
HLTH 1500	Lifetime Wellness/Fitness (ID)	3
Students become active participants responsible for achieving a higher level of wellness in the physical, mental, emotional, social, and spiritual areas of their lives. An interdisciplinary, service learning course.		
HLTH 2020	Nutrition for the Life Cycle	3
Covers nutrition function needs, sources and alterations during pregnancy, lactation, growth, development, maturation and aging. Includes disease prevention, essential nutrients, metabolism, wt. management and specific problems.		
HLTH 2021	Nutrition for Fitness & Sports	3
Prereq: HLTH 1020 and HLTH 2020 recommended. Examines advances fitness and sport nutrition issues. Includes physiological and lifestyle practices of athletes and fitness participants. Covers ergogenic aids and nutrient metabolism for optimal athletic performance.		
HLTH 2100	Fitness Motiv./Behav Response	3
Covers behavior management techniques that will assist fitness trainers in providing programs for people of all ages. Provides students with an understanding of a variety of teaching, learning and communication strategies.		
HLTH 2150	Know Greater Heroes II	3
Prereq: HLTH 1150. A continuation of HLTH 1150. Students will continue their mastery of communication skills, mentoring and teaching leaders to train others to be outstanding leaders.		

COURSE DESCRIPTIONS

HLTH 2200 Kinesiology 3
Prereq: BIOL 1110. This course will focus on the anatomical, physiological and mechanical principles as they are applied to human movement.

HLTH 2250 Exercise Physiology 3
Concerned with the functioning and subsequent adaptation of the human body to stress of physical activity and exercise. This course will explore these adaptations as well as the metabolic process of energy yielding pathways.

HLTH 2300 Emergency Medical Technician 10
11-weeks. Must be 18 years old. CPR cert. available. Treatment of medical emergencies, trauma injuries, shock treatment, bleeding, illness, bandaging, splinting, taking vital signs. Utah certifiable.

HLTH 2400 Exercise & Dimensions of Aging 3
Provides an understanding of the aging process and how it affects fitness and overall wellness. Students will assess and evaluate fitness level of aging population and design a training program that meets varying needs and resources.

HLTH 2410 Aerobics Instr. Training II 3
Prereq: HLTH 1410 or instructor's approval. Students teach specialty group exercise classes: spinning, multiple step, strength/sculpting, boot camp, and stretch/flexibility. Students design/lead an exercise class using safety, proper technique, cueing and music coordination.

HLTH 2420 Group Exer Instructor Internship 2
Prereq: HLTH 2410 or instructor's approval. Gives hands-on experience in a supervised setting to observe and teach group exercise classes. Students must meet 80 hours of onsite time to complete the internship. Sites include SLCC, fitness clubs and corporate fitness centers.

HLTH 2430 Designing Training Programs 3
Prereq: HLTH 1400, HLTH 2200. Provides health screening, needs assessment, fitness capacity, goal setting and effectiveness of training. Includes planning and implementing cardiorespiratory, strength, muscular endurance and flexibility programs.

HLTH 2435 Personal Fit Trainer Industry 3
Prereq: HLTH 2430. Introduce students to the personal fitness trainer industry. Includes certification, insurance & licensing requirements, professional responsibility, confidentiality, laws and ethics as they relate to the fitness industry.

HLTH 2450 Personal Trainer Internship 3
Prereq: Instructor's approval. Under supervision, students will observe and assist in the fitness training of individuals. Students must complete 120 hours of onsite time to finish internship. Sites include SLCC, fitness clubs and corporate fitness centers.

HSPA 1010 Intro to Hospitality & Travel 3
Investigates the travel and hospitality industries, addressing theories, planning and environmental issues. Students will gain a general knowledge of how and why public and private tourism businesses exist.

HSPA 1050 Travel Destinations 3
Overviews the relevancy of geography to tourism and hospitality. Reinforces the First Law of Geography: physical and human characteristics are unevenly distributed across the face of the earth.

HSS 1500 Therapeutic Recreation Tech 6
Course introduces students to basic principles of recreation therapy and gives a general overview of the field. Areas related to rules and regulations, assessment, documentation, planning and program implementation will be covered.

HSS 2100 Supported Employment Training 3
Course provides overview of supported employment best practices including assessment strategies, job/task analysis training strategies, data collection, job development, ADA, Social Security, behavior supports, advocacy, SE funding.

HSS 2110 Supported Employment Practicum 1
Prereq: Concurrent with HSS 2100. Taken concurrently with HSS 2100, students are provided with experience providing supported employment services to people with disabilities who are working in competitive employment settings.

HUMA 1100 Intro to Humanities (HU, ID) 3
This course explores the humanities through the arts and intellectual traditions, showing how they relate to concurrent societies. It includes critical discussion of art forms (visual art, music, literature, drama and film).

HUMA 1200 Philosophy of Work (ID) 3
This course explores attitudes toward work across cultures and time as well as the intersecting roles of community and the individual in various theories of work. This course may be taught with a service-learning component.

HUMA 1300 Dev/West Civ-Anc to Ren (HU) 3
This historical survey of major cultural achievements of Western Civilization introduces major figures and events that have stimulated philosophical, artistic and political movements influential in Western value systems.

HUMA 1310 Dev/West Civ - Ren-Modern (HU) 3
This is a continued historical survey of Western thought, including the major cultural influences on our own contemporary world.

HUMA 1900 Special Studies in Humanities 1-3
This is an individualized studies course in the humanities. Students plan their areas of study and work with the instructor on individual basis. Some work may be done in groups. May be repeated for credit.

HUMA 2000 Humanities CO-OP Education 2-4
Prereq: Sophomore standing with minimum GPA 2.0. Supervised work experience in a business, industrial, non-profit corp. or gov. environment related to the program major. Credit awarded for completion of specific objectives that provide new learning related to the program major.

HUMA 2120 Sacred Texts & Mythologies (HU) 3
This course examines the sacred texts and oral narrations of diverse world cultures. Texts and narrations, both written and oral, from a variety of literate and non-literate cultures will be explored.

HUMA 2130 Philosophy in Literature (ID) 3
Students will study major eastern and western philosophical movements that have influenced world literary classics. Writers as diverse as Plato, Voltaire, Thoreau, Nietzsche, Tolstoi and Sartre will be discussed.

HUMA 2210 Intro to Russian Culture (ID) 3
This course explores the history, literature, politics, religion, arts and science of Russia and the former Soviet Union. It surveys the way of life in contemporary Russia against this backdrop.

HUMA 2220 Pacific Amer. Studies (HU, DV) 3
This course explores Pacific Islander American Experience including their histories, literature, cultural patterns and contemporary experiences within the context of a theoretical framework of race and ethnic studies.

HUMA 2310 Great Books I (HU) 3
This is an interdisciplinary examination of writers and thinkers who probe man's nature and situation. It is the first series of the Adult Great Books program.

HUMA 2320 Great Books II (HU) 3
This is an interdisciplinary examination of writers and thinkers who probe man's nature and situation. It is the second series of the Adult Great Books program.

HUMA 2350 Hist & Philosophy/Religion(HU) 3
This course surveys a range of religious views of the cosmos and their accompanying methods for living. The course looks at the world's major religious, philosophical and spiritual views and practices.

HUMA 2400 Religious Diversity – US (HU, DV) 3
Examines what it means to be religious in America: the conflict, interaction and influence of US culture and diverse religious minorities. Explores ideas of privilege, stereotypes, discrimination and the challenge of integration and accommodation.

HUMA 2500 Future Studies (ID) 3
This is an examination of changes in society and current and probable trends which will affect society in the future. Students examine various ways of looking at change and developing visions of the future.

HUMA 2600 Decade of the '60s (HU) 3
Students will study the major social, cultural, political and artistic events and contributions of this important decade. Course will emphasize the Vietnam War, civil rights and environmental movements.

HVAC 1100 Refrigeration Basic Electrical 10
Prereq: with HVAC 1120. Provides an understanding of HVACR electrical controlled circuits. Reading ladder and schematic diagrams, computerized training, troubleshooting circuits, electric single-phase motors & starting devices are emphasized in both theory and lab.

HVAC 1110 HVAC IA 5
Prereq: HVAC 1470 or equivalent. Materials and devices with focus on CPR/ First Aid, Safety, Hand Tools, Accessories, Basic Electricity, Character Education/ Customer Service, and Basic Gas Properties/ Gas Appliance Installation.

HVAC 1120 HVAC IB 5
Prereq: HVAC 1110. Basic refrigeration cycle and physic principles. Cut, solder, and braze copper tubing, demonstrate safe use of manifold gauges, vacuum pumps, recovery machines. EPA/CFC certificate preparation.

HVAC 1200 Refrig. Fund. & Domestic Units 10
Prereq: HVAC 1120, HVAC 1100, with HVAC 1220. Provides an understanding of the refrigeration cycle, properties of refrigerants, piping layout and installation, and service of small hermetic systems. Assembly, installation, service, and repair of refrigeration units are discussed.

HVAC 1210 HVAC IIA 5
Installation principles, determine heat and cooling loads, calculate and design ducts, identify filtration methods, and install residential systems. Rocky Mountain Gas Association (RMGA) installation test.

HVAC 1220 HVAC IIB 5
Prereq: HVAC 1210. Reading and interpreting of HVAC system blueprints to design and install HVAC layout, fabricate and install common sheet metal duct fittings.

HVAC 1300 Commercial Refrigeration 10
Prereq: HVAC 1200, HVAC 1220. Course covers start-up, preventative maintenance, service, repair, and installation of residential and light commercial systems. Emphasis is placed on electrical and electronic controls.

HVAC 1400 Air Conditioning 10
Prereq: HVAC 1300, with HVAC 1420. Provides an understanding of commercial and residential air-conditioning installation, service on refrigerant control devices and compressors, super-heat and sub-cooling adjustments, and heat pump operations.

HVAC 1420 Computer Operated Controls 3
Prereq: HVAC 1300, with HVAC 1400. Course offers applications of programmable logic control including techniques in LADDER LOGIC applications for air conditioning controlling. Lectures, 2 hrs/wk; Labs, 3 hrs/wk

HVAC 1470 Math Basics for HVAC 5
Prereq: MATH 092 or MATH 095 or equivalent. This is a customized course in applied mathematics for the trades including algebraic and trigonometric functions.

HVAC 2000 Heat, Vent, Air Specialties 5
This course is designed to meet the needs of a student requesting co-op credit for on-the-job training hours. Credit hours may vary for this course.

HVAC 2310 HVAC IIIA 5
Prereq: HVAC 1120. Electron theory, AC and DC current, ohm's law, series and parallel circuits, operation of gas furnaces, basic heat and cool controls & balance equipment. ICE Residential & Light Commercial Air-Conditioning and Heating Certification tests.

HVAC 2320 HVAC IIIB 5
Prereq: HVAC 2310. Operation of the compression refrigeration and heat pump cycles, and troubleshoot systems. RMGA Service Certification test, the NATE Core Service and one Specialty test.

HVAC 2410 HVAC IVA 5
Prereq: HVAC 2320. Fan types, measure air flow, volume & velocity using various instruments. Principles of hydronics, steam heat and heat distribution units as well as basic principles of oil furnace heat systems.

HVAC 2420 HVAC IVB 5
Prereq: HVAC 2410. Electronic components and control systems in electro-mechanical, pneumatic, electronic and DDC. Principles of psychometrics, humidification, desiccant cooling and dehumidification.

IEC 1110 Electricity I A 5
Electrical materials and devices, safety on the job site and handling of tools and equipments. Math for electricians and electrical code including definitions and basic direct current fundamentals.

IEC 1120 Electricity I B 5
Direct current fundamentals with application and study of the National Electrical Code including theory and definitions, circuits, direct current motors and generators. Introduction to Alternating Current is included.

IEC 1210 Electricity II A 5
This is the continued study of direct current fundamentals and theory. It includes applied math for electricians, capacitance and impedance, series circuits and resistance.

IEC 1220 Electricity II B 5
This course provides continued instruction in alternating current fundamentals and applied math for electricians. Instruction includes theory and application in transformers, alternating current methods, and motor controls.

IEC 1470 Math for the Trades 5
This is a customized electricians' course in applied mathematics for the trades including algebraic and trigonometric functions.

IEC 2000 Electrical CO-OP 2-4
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

IEC 2310 Electricity III A 5
This course provides instruction in heating and air conditioning, continued math for electricians, and introduce instrumentation. Further instruction in National Electrical Code and testing equipment is provided.

IEC 2320 Electricity III B 5
This course covers advanced motor controls theory and application, transformers, and specialty applications. Instruction is also provided in electronics and continuation of math for electricians.

IEC 2410 Electricity IV A 5
This is a study of atomic theory, electricity and magnetism and series-parallel circuits. Continued application and study of math for electricians and the National Electrical Code is included.

IEC 2420 Electricity IV B 5
Math for electricians including vectors and trigonometric functions. Various circuits, power sources and supply, advanced motor and motor control. National Electrical Code is included.

IEC 2510 Electricity V A 5
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master's Examination.

IEC 2520 Electricity V B 5
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master's Examination.

IND 1110 Industrial Electronics 2
Prereq: IND 1120 Industrial electronics is designed to introduce students to fundamental trouble shooting concepts in basic DC circuits. It involves DVOM training and work with series, parallel, and combined circuits.

IND 1120 Math for Industry 3
Math for industry provides training in elementary math skills that are required for various vocational areas. The course is designed to teach students how to apply basic math skills to problems in the work place.

IND 1130 Math for Welders 3
Prereq: IND 1120. Math for welders is designed to help students apply fundamental math skills to practical workplace problems.

IND 1140 Principles of Technology 3
Prereq: IND 1120. This course provides training in basic principles of physics and applies physics principles to various vocational areas.

COURSE DESCRIPTIONS

INSR 2021 Intro to Insurance Principles 2
Prereq: Intermediate Math Skills. Overview of the insurance business, understanding basic principles of property & liability insurance & regulations. Survey of major areas of insurance operations: measuring financial performance, marketing, underwriting, claims, etc.

INSR 2022 Personal Insurance 3
Course will examine life, automobile, homeowner, personal property and liability, health and disability insurances. Course will also cover current trends in insurance, society, personal loss exposures and personal financial planning.

INSR 2023 Commercial Insurance 3
Prereq: INSR 2021. Course will cover types of commercial insurance including: property, general liability, business income, inland/ocean marine, auto, crime, machinery, compensation, workers comp, employer liability and other various types of coverage.

INST 2010 Applied Physics Elect/Instrum 3
Prereq: ELEC 1110. This course provides comprehensive and practical coverage of applied physics for students considering a technical career in Electrical and Instrumentation fields.

INST 2020 Applied Math II Elect/Instrum 4
Prereq: ELEC 1110. This course is a continuation of ELEC 1110, introducing advanced topics, ie: exponentials and logarithms, vectors, complex numbers, matrices, etc.

INST 2030 Applied Math III-Electr/Instr 2
Prereq: ELEC 1110, INST 2020. Topics include: elements of calculus, such as derivative and integral, and their application in process control.

INST 2120 Intro to Instrumentation 1
Prereq: ELEC 1110, INST 2010, or concurrent. Course will allow students to become familiar with numerous instrument systems and process variables that are measured and controlled in industry. The developing and applying of standard instrumentation & control drawings are emphasized.

INST 2140 Programmable Logic Control I 3
Prereq: ELEC 1155. This course introduces numbering systems, logic gates, combinational logic, sequential logic and an introduction to programmable logic controllers. building and troubleshooting digital circuits.

INST 2150 Industrial Electronics 3
Prereq: ELEC 1160, INST 2020. This course introduces solid-state devices used in industry. Diodes, SCRs, transistors and op-amps will be studied, and appropriate lab experiments will be included. Computer simulation software use will be continued.

INST 2160 Control System Documentation 1
Prereq: INST 2120. Topics include: symbols and identification associated with instruments; different types of instrumentation drawings, such as P&ID, loop diagrams, location plans, installation drawings; specification forms.

INST 2210 Pressure Level & Measurement 4
Prereq: INST 2120. Principles of pressure and level measurement and control are taught. Pressure gauges, conventional and Smart transmitters, ultrasonic instruments, manometers, their calibration, installation, and repair are covered.

INST 2220 Temperature Measurement 2
Prereq: Concurrent with INST 2120. Topics include: principles of temperature measurement and control in industrial processes; conventional and Smart temperature transmitters; calibration, installation, and repair temperature measuring instruments.

INST 2230 Transmission/Automatic Control 4
Prereq: INST 2120, INST 2240. Course includes information about different methods of signal transmission and communication. It also provides students with a grasp of feedback control behavior with all its nuances & covers different methods of controller tuning.

INST 2240 Final Control Elements 2
Prereq: INST 2120. Topics include: different control valves and their accessories; actuators, positioners, including Smart; valves sizing, selection and application; calibration, installation, and repair final control elements.

INST 2250 Analysis/Safety /Troubleshoot 3
Prereq: INST 2120. Course includes principles of analytical measurement and control, such as: conductivity, pH, density, humidity & gas analysis. Safety systems, methods and techniques used for troubleshooting control loops and systems are taught.

INST 2260 Flow Measurement 2
Prereq: INST 2120. Students will learn primary and secondary flow measuring devices, including orifice plate, Venturi tube, magnetic and ultrasonic flowmeter. Selection, calibration, installation, and repair flowmeters are taught.

INST 2270 Instrument Calibration 2
Prereq: INST 2120, INST 2210, INST 2220, INST 2240. Topics include: concepts of error, accuracy, uncertainty, and their calculation; documented procedures for process instruments calibration; different calibrators and their use.

INST 2280 Temperature/Flow Measurement 4
Prereq: INST 2120. Students will learn principles of temperature and flow measurement and control in industrial processes. Selection, calibration & installation temperature sensors, transmitters and flowmeters are taught.

INST 2290 Instrumentation Applications 2
Prereq: INST 2230. Topics include general techniques such as split ranged control valves, selectors, limits, and advanced control strategies. Common applications for temperature, pressure, level, flow, and analytical controls are emphasized.

INST 2320 Distributed Control Systems 4
Prereq: INST 2230. This is a practical performance course using actual components of a DCS. Operation, troubleshooting and configuration, graphic design and actual operation of a DCS.

INST 2330 Programmable Logic Controls II 4
Prereq: INST 2140. This course is a continuation of INST-2140. Rockwell RSLogix 500 programming software will be introduced. Allen-Bradley SLC-500 PLC's will be taught. Basic systems, both hardware and software, will be introduced.

INST 2340 Programmable Logic Controls III 3
Prereq: INST 2330. This course is a continuation of INST 2330. Programming with RSLogix 500 will continue. Advanced topics will be pursued.

INST 2410 CCST Prep, Level I, II, III 3
Prereq: Pretest. This course is a review of instrumentation concepts in preparation for taking the certification test of the ISA Certified Control System Technician program. It includes subjects relating to process control and instrumentation.

INST 2990 Studies in Instrumentation 1-3
Special Studies allows student to pursue unique interests not offered elsewhere within the program of study. Credit hours, subject, and course of study are determined and filed with the department after consulting with the instructor.

INTD 1010 Intro. to Interior Design 3
This course provides an overview of the interior design profession including principles and elements of design, furniture selection, accessories, lighting, fabrics and architectural finishes.

INTD 1200 Theory & Psychology of Color 3
This course reviews theories of color and their application, especially as it relates to psychological impacts of both residential and commercial settings.

INTD 1220 Drafting for Interior Designer 3
The tools, techniques & media used for drafting by interior designers are emphasized in this class. Space planning, working drawings, electrical plans & schedules are reviewed as well as applications in residential/commercial projects.

INTD 1230 Historical Furnishings 3
This course is a survey of historical furnishings from ancient civilizations through the Victorian era, with special emphasis on French, English, and American periods.

INTD 1310 Prof. Practice/Interior Design 2
Prereq: INTD 1010, INTD 1200, INTD 1220, and INTD 1340. This course is an introduction to basic business principles involved in the interior design profession.

INTD 1320 Perspective and Rendering 3
Prereq: INTD 1220. This course emphasizes the techniques and media used by interior designers for perspective drawings and renderings.

INTD 1330 Contemporary Furnishings 3
This course is a survey of contemporary furnishings from the end of the Victorian period to present day, emphasizing the masters of contemporary furniture design and current trends.

INTD 1340 Materials & Components 3
Prereq: INTD 1010. A survey of properties, production, & use of textiles that is basic in apparel & household products. Included are an analysis of human-made and natural fibers, yarns, fabric construction, and finishes.

INTD 1360 Lighting & Space Planning 3
Prereq: INTD 1010, INTD 1220. This course focuses on the scientific & aesthetic basis of light as it applies to interior environments and also analyzes the utilization of space, from rooms to buildings, as well as general zoning requirements.

INTD 1400 Quick Sketch 2
Prereq: INTD 1220, INTD 1320. Students will learn the drawing skills and techniques necessary to produce competent and professional sketches in a short period of time.

INTD 1800 Special Projects 3
Prereq: INTD 1010, INTD 1200, INTD 1220, INTD 1340. Learn planning & preparation skills in residential design projects & through hands-on experience in selection of materials. Necessary communication skills w/ client & contractors and proper documentation for projects, including specifications are included.

INTD 1900 Interior Design Portfolio 2
Prereq: INTD 1230, INTD 1310, INTD 1320, INTD1330, INTD1340. Focuses on elevating creative work students have already done or currently working on in req. classes. Students create powerful portfolio of work for employment interviews or application in adv. education. Interview techniques, resume development, and self-promotion are reviewed.

INTD 2000 Interior Design Internship 3
Prereq: Minimum of 15 cr. hours INTD. The course provides the opportunity to interact with a professional design studio or retail business in a working environment, under the combined supervision of an on-site supervisor and a college faculty member.

INTL 2040 Immigrant Exp Lit/Film (HU,DV) 3
A study of human issues linked to immigration through literature and film: cultural identity, prejudice, racism, multiculturalism. The US experience will be framed in the perspective of human migration and globalization.

INTL 2060 Intl Lit and Culture (HU, DV) 3
Comparison of literature of ethnic groups of the US with that of the native country in order to explore issues of US discrimination, acculturation, identity, & bigotry as well as appreciating the benefits brought by that provenance.

INTL 2980 Travel Study (ID) 3
Prereq: Varies by semester and trip taken. This course includes travel experience with faculty of SLCC as well as pre- and post-trip activities and assignments. Credit awarded for successful completion of specified learning objectives.

INTL 2990 Study Abroad (ID) 3
Prereq: Varies by semester and trip taken. The student attends lectures/workshops at an institution in a different country and studies in conjunction with faculty of SLCC in residence. Credit awarded for successful completion of specified learning objectives.

ISA 1110 Ironworkers 1A 5
This course includes OSHA Outreach Training, MSILA New Miner Training, and specialized training for Steel Erection.

ISA 1120 Ironworkers 1B 5
This course covers the fundamentals of placing reinforcing steel and Post Tensioning cables in concrete. Upon completion, students will be able to take PTI certification exam.

ISA 1210 Ironworkers 2A 5
This course covers blueprint reading and the fundamentals of construction and steel erection drawings.

ISA 1220 Ironworkers 2B 5
This course covers the fundamentals of planning, job layout, and steel erection.

ISA 2310 Ironworkers 3A 5
This course examines the basic fundamentals of welding.

ISA 2320 Ironworkers 3B 5
This course is a continuation of the basic fundamentals of welding.

ITL 1010 Beginning Italian I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

ITL 1020 Beginning Italian II (LN) 5
Prereq: ITL 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

ITL 1300 Beginning Conversation 1
Prereq: ITL 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

ITL 1900 Special Studies in Italian 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

ITL 2010 Intermediate Italian I 4
Prereq: ITL 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

ITL 2020 Intermediate Italian II 4
Prereq: ITL 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

ITL 2300 Conversation 1
Prereq: ITL 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

ITL 2700 Introduction to Literature 3
Prereq: ITL 2010 or ITL 2020. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

ITL 2710 Introduction to Italian Film 3
Prereq: ITL 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Italian. Lab attendance required.

ITL 2900 Special Topics in Italian 1-3
This is a course designed by faculty which allows students to explore specific interests in Italian language and culture. Lab attendance required. May be repeated for credit.

JPN 1010 Beginning Japanese I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

JPN 1020 Beginning Japanese II (LN) 5
Prereq: JPN 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

JPN 1300 Beginning Conversation 1
Prereq: JPN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

JPN 1900 Special Studies in Japanese 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

COURSE DESCRIPTIONS

JPN 2010	Intermediate Japanese I	4
Prereq: JPN 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.		
JPN 2020	Intermediate Japanese II	4
Prereq: JPN 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.		
JPN 2300	Conversation	1
Prereq: JPN 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.		
JPN 2700	Introduction to Literature	3
Prereq: JPN 1020 or instructor's approval. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.		
JPN 2710	Introduction to Japanese Film	3
Prereq: JPN 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Japanese. Lab attendance required.		
JPN 2900	Special Topics in Japanese	1-3
This is a course designed by faculty which allows students to explore specific interests in Japanese language and culture. Lab attendance is required. May be repeated for credit.		
JRN 1900	Special Studies in Journalism	1-2
Prereq: Department approval. Students will work on special studies and projects in the area of journalism. Students plan areas of study and work with an instructor on an individual basis.		
JRN 2000	Journalism CO-OP/Internship	2-4
Prereq: Department approval. Supervised work experience in a journalism environment related to the student's communication program sequence. Credit awarded for successful completion of specific learning related to the job and to the program sequence.		
KABM 0115	Basic Math Skill	0
Prereq: ABLE test, placement test in class, concurrent with KALL 0100. Student improves skills in basic operations, problem solving, analysis and computations using whole numbers, fractions, decimals, percents, measurement and formulas, equations, ratio and proportion, and GED prep.		
KABR 0115	Basic Reading Skills	0
Prereq: ABLE test given during admission process. Concurrent with KALL 0100. Student tests in classroom for proper placement in curriculum; gains comprehension and vocabulary skills; uses computer aids; studies grammar, spelling, and writing as it relates to these nine levels of reading.		
KACC 0115	Fundamentals of Electricity	0
Prereq: Skills Center assessment. Students learn the fundamentals of electricity as applied to air conditioning, heating and refrigeration.		
KACC 0120	Fundamentals of Refrigeration	0
Students learn refrigeration theory and hands-on experience as applied to domestic appliances. In addition, students learn low and medium temperature soldering and brazing techniques.		
KACC 0125	Fundamentals of Refrigeration	0
Prereq: Skills Center assessment. Students learn refrigeration theory and hands-on experience as applied to domestic appliances. In addition, students learn low and medium temperature soldering and brazing techniques.		
KACC 0130	Commercial Refrigeration/AC	0
This course includes light commercial theory and hands-on experience working on walk-in boxes (low and medium temp.), central air conditioning (domestic and light commercial), and heat load calculations.		
KACC 0135	Commercial Refrigeration	0
Prereq: Skills Center assessment. Includes light commercial theory and hands-on experience working on walk-in boxes (low and medium temp.), central air conditioning (domestic and light commercial), and heat load calculation.		

KACC 0140	Gas Fired Appliances Theory	0
Prereq: Skills Center assessment. Students learn the fundamentals of gas-fired appliances with theory and hands-on experience.		
KACC 0150	Domestic Refrigeration	0
Prereq: Skills Center assessment. Includes domestic refrigeration theory and hands-on experience working on domestic or household refrigerators and freezers.		
KACC 0160	Air Conditioning Systems	0
Prereq: Skills Center assessment. Students will work with whole house, roof top, and auto air conditioning systems.		
KACC 0170	Heat Load Calc. & EPA Test	0
Prereq: Skills Center assessment. Students learn how to calculate heat loss and sizing of air conditioning systems.		
KACC 0290	Employment Workshop	0
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.		
KACK 0110	Beginning Keyboarding	0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.		
KACK 0130	Ten-Key	0
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.		
KACK 0140	Computer Concepts/Windows	0
Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.		
KACK 0150	Customer Service/Life Skills	0
The class covers professionalism as it pertains to attitude, ethics, communications, appearance, verbal presentation, conflict mgt./resolution, problem-solving, team skills, telephone etiquette, notetaking, closing sales & life skills		
KACK 0160	Keyboard Skill Building	0
Prereq: KACK 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.		
KACK 0170	Word Processing (MS Word Core)	0
Prereq: KACK 0110, KACK 0140. Students learn basic word-processing skills, such as creating, opening, closing, editing, saving, and managing files; line and page formatting; using the spell checker and thesaurus; also formatting letters, memos, and tables.		
KACK 0180	Business Communications	0
Students learn principles of English grammar; spelling; paragraph, essay, letter, and memo writing; proofreading; and dictionary and reference manual usage.		
KACK 0190	Presentations (PowerPoint Core)	0
Prereq: KACK 0140. Students learn and demonstrate MS PowerPoint presentation software including creating, modifying, enhancing, and formatting slides and using embedding techniques.		
KACK 0200	Spreadsheets (Excel Core)	0
Prereq: KACK 0140. Hands-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.		
KACK 0210	Spreadsheets (MS Excel Expert)	0
Prereq: KACK 0200. Hands-on simulations assist students in acquiring skills in importing and exporting data, using templates, formatting numbers, using named ranges, toolbars, macros, & analysis tools; auditing worksheets; collaborating with workgroups.		
KACK 0220	Accounting (Mod 1 & 2)	0
Prereq: KACK 0130. Students learn the skills required to record entries on balance sheets, in general journals and ledgers, as well as on worksheets and financial statements.		

KACK 0230 Accounting Office Procedures 0
Students learn business alphabetic filing skills and other basic accounting office procedures, information, team skills, reprographic resources, and office mechanics, using Power Point office software.

KACK 0240 Computer-Assisted Accounting 0
Prereq: KACK 0140. Using a hands-on approach, students learn computerized accounting. They enter realistic accounting transactions for various business applications and generate financial statements and other management information reports.

KACK 0250 Quick Books 0
Prereq: KACK 0140. Students will learn to use the QuickBooks software to its full potential. Practical examples and exercises will show how to utilize functions that will allow you to record all regular and special transactions and produce reports.

KACK 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KALL 0110 Integrated Learning Lab 0
Students receive supplementary computer-assisted instruction in math, reading comprehension, vocabulary, spelling, grammar, and GED subjects.

KASV 0100 Reading-Math-Test Prep 0
Student meeting requirements of ABLE score 8.0 in comprehension & vocabulary takes math SCIL lab & ASVAB; student not meeting requirements takes math, reading, SCIL lab classes for ASVAB; includes diagnostic & practice test.

KBHR 0110 Beginning Keyboarding 0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KBHR 0130 Ten-Key 0
Students learn basic ten-key calculator concepts and applications using the touch method.

KBHR 0140 Computer Concepts/Windows 0
Prereq: KBHR 0110. Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

KBHR 0150 Customer Service/Life Skills 0
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KBHR 0160 Keyboard Skill Building 0
Prereq: KBHR 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KBHR 0170 Word Processing (MS Word Core) 0
Prereq: KBHR 0110, KBHR 0140. Students learn basic word-processing skills such as working with text, paragraphs, and documents; managing files; using tables; and working with pictures and charts.

KBHR 0190 Medical Terminology 0
Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KBHR 0200 Medical Filing 0
This class covers basic concepts and rules governing medical filing including the correct use of terminology. Both theory and practical applications are covered.

KBHR 0220 ICD-9 Coding 0
Prereq: KBHR 0190. Basic concepts and rules governing medical insurance coding, including the correct use of terminology specific to the coding process are covered. Both lectures and practical applications using the ICD-9-CM are employed.

KBHR 0230 Medical Office Procedures 0
Students learn time-management techniques, team skills, reprographic resources, office mechanics, and other basic skills required in a medical office or hospital.

KBHR 0240 Medical Acctg/Patient Software 0
Prereq: KBHR 0140. The student will use medical accounting/patient software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims and schedule patient appointments.

KBHR 0280 Cooperative Externship 0
The externship consists of 120 hours of work experience in a cooperative medical facility. Students will assemble and file patient files according to departmental coding system, fax records, purge records, pull and refile charts.

KBHR 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KBRK 0100 Brick and Block Mason 0
In this pre-apprenticeship course, brick and block masonry skills are applied in the classroom and at job sites. Students learn basic math, blueprint reading, and work ethics. Safety is stressed throughout the course.

KBRK 0290 Employment Workshop 0
Prereq: Enrolled in complete Brick Mason program. Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.

KCBS 0110 Keyboarding 0
Students learn touch keyboarding with a minimum of 20 words per minute.

KCBS 0120 Hardware and Software 0
Students learn basic computer architecture including hardware and software and how these elements are managed by the user.

KCBS 0130 Disk Operating System (DOS) 0
This course introduces students to Disk Operating system (DOS) and teaches students to use DOS commands to maintain and manage the computer. Students use the command line commands and write a simple batch file.

KCBS 0140 Windows and Operating Systems 0
Students learn how to use Windows 9X, Windows NT-2000 and receive an introduction to Linux and Unix operating systems.

KCBS 0150 Internet and Email 0
Students learn to use the internet as a tool for research and troubleshooting. Students will surf the internet, subscribe to an email service, and use email.

KCDL 0100 CDL Learner's Permit 0-16
Prepare for the CDL learner's permit written test with the following endorsements: general knowledge, air brakes, and combinations (tractor and single trailer). Additional endorsement riders can be obtained at \$10 each.

KCDL 0110 CDL License Refresher Course 0
Refresher course to improve skills in shifting, driving, backing, pre-trip inspections, log books, brake adjustments, or others as coordinated with the instructor. Students may also upgrade from a C or B license to an A license.

KCDL 0120 CDL License Upgrade 0
This course is designed to give students who are sponsored by companies backing skills, over-the-road driving practice, shifting and other skills required by their employer. Includes the CDL road test.

KCET 0100 Construction Safety (OSHA-10) 0

KCET 0110 Math for the Trades 0

KCET 0130 Construction Safety 0
Prereq: KCET 0100. Beginning Safety (OSHA-10). Provide students with an understanding of current construction safety principles. Students will be certified in Powder Actuated tools, Fall Arrest, power and hand tools.

KCET 0140 Beginning Structural Lab 0
Prereq: KCET 0100. Beginning Safety (OSHA-10); concurrent with KCET 0160. This is a hands on course for students who have little or no concrete and framing carpentry experience. Students will build a structure, beginning with a freshly excavated hole in the ground, by forming and placing the footings and foundation followed by installation of a fabricated home. Framing the garage. Installing siding, stairs, completing roofing and all other duties constituted.

COURSE DESCRIPTIONS

KCET 0150 Blueprint Reading 0
This course includes the study of architectural symbols and terms; relationships of views and sections; and the study of plans & specifications of residential & commercial construction; includes code compliance and details.

KCET 0160 Beginning Structural Theory 0
Prereq: KCET 0100. Beginning Safety (OSHA-10); Concurrent with KCET 0140. This is a hands-on course for students who have little or no concrete and framing carpentry experience. Students will build a structure, beginning with a freshly excavated hole in the ground, by forming and placing the footings and foundation followed by installation of a fabricated home, installing siding, stairs, completing roofing and all other duties constituted.

KCET 0240 Beginning Interior Finish Lab 0
Prereq: KCET 0100. Beginning Safety (OSHA-10); concurrent with KCET 0260. Students learn to finish the interior of a house by installing doors, casing, base, shelving, drywall, drywall taping, hand rails and add other finishing touches.

KCET 0260 Beginning Interior Finish Theory 0

KCET 0290 Work Essentials/Employment Workshop 0
Students learn the basic skills required for success in the workplace, as well as job seeking skills, resume writing, and interviewing skills necessary for job placement.

KCET 0300 MSDS Certification 0
This course reviews Haz. Comm., health and safety issues common to most industrial work environments, such as chemical safety, worker's rights, personal protection, and other causes of workplace injuries and illnesses.

KCET 0310 Confined Space Certification 0
Prereq: KCET 0300. MSDS Certification. This course prepares students for the OSHA Confined Space and Permit Confined Space Certification.

KCET 0320 Asbestos Supervisor Certif. 0
Prereq: KCET 0300. MSDS Certification. Health and safety training for work at construction/demolition sites designated as having asbestos contamination. Students learn their responsibilities and employer's responsibilities according to CFR 1926 AND 1910 OSHA standards.

KCET 0340 Lead Supervisor Certification 0
Prereq: KCET 0300. MSDS Certification. Health and safety training for work at construction/demolition sites designated as lead contaminated. Students learn their responsibilities and employer's responsibilities according to CFR 1926 AND 1910 OSHA standards.

KCET 0350 Haz Waste Supervisor Certif. 0
Prereq: KCET 0300. MSDS Certification. Health and safety training for work at hazardous waste sites or construction/demolition sites designated hazardous waste sites. Students learn their responsibilities and employer's responsibilities according to CFR 1926 AND 1910 OSHA standards.

KCLB 0110 Keyboarding 0
Students learn touch keyboarding, completing with a minimum of 20 words per minute.

KCLB 0115 Computer Literacy and Ethics 0
Gives computer literacy training including personal computer hardware, Windows, email/internet, keyboarding, word-processing, and spreadsheets. Students prepare for the IC3 industry certification exams.

KCLB 0135 DOS 0
Introduces students to Disk Operating system (DOS) and teaches students to use DOS commands to maintain and manage the computer.

KCMS 0110 Computer Technology Basics 0
This course consists of touch keyboarding (minimum 20 wpm), basic computer hardware and software, DOS, Windows and other operating systems (with an introduction to Unix/Linux), and Internet and E-mail.

KCMS 0115 Computer Literacy Basics 0
Gives computer literacy training including personal computer hardware, Windows/DOS, email/internet, DOS, keyboarding, word-processing, and spreadsheets. Students prepare for the IC3 industry certification exams.

KCMS 0120 Operating System Technologies 0
Students study installation, configuration, diagnosis, and troubleshooting computer system operating systems, including Dos/Win9x/WinNT-2000, and the Internet. Students prepare for the A+ Operating System Technology Certification Exam.

KCMS 0125 Hardware & Software Basics 0
Prereq: Min. basic skills defined by program. See advisor. This accelerated course covers techniques for basic computer hardware and operating systems, including installing, building, upgrading, repairing, configuring, troubleshooting, diagnosing, with elements of soft skills and security.

KCMS 0130 A+ Core Exam Module 0
Students study techniques and practices for installation, configuration, diagnosis and troubleshooting, computer system hardware including memory expansion, disk drives, networks. Students prepare for A+ Core certification exam.

KCMS 0135 Hardware & Software Essentials 0
Prereq: Min. basic skills defined by program. See advisor. This accelerated course covers techniques for basic computer hardware and operating systems, including installing, building, upgrading, repairing, configuring, troubleshooting, diagnosing, with elements of soft skills and security.

KCMS 0150 Helpdesk Technician 0
Prereq: KCMS 0125 or 0135. This course stresses troubleshooting and interacting with customers remotely via the telephone or e-mail. It is targeted to individuals who work or intend to interact with clients resolving technical issues.

KCMS 0160 Bench Technician 0
Prereq: KCMS 0125 or 0135. This course is targeted for individuals who work or intend to work in settings where hardware related activities are emphasized. Example job roles include: Depot Technician, Bench technician.

KCMS 0170 Remote/Mobile Technician 0
Prereq: KCMS 0125 or 0135 and instructor approval. This course is targeted for individuals who work or intend to work in a mobile or corporate technical environment with a high level of face-to-face client interaction. Examples job roles include: Enterprise Technician, IT Administrator, Field Service Technician, PC Technician.

KCMS 0200 Cooperative Internship -Elect. 0
Students participate in cooperative internship with a local company. Student and instructor work with a company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KCMS 0205 Cooperative Internship 0
Prereq: Must complete one of the following: KCMS 0130 and KCMS 0120 or KCMS 0125 and one elective (KCMS 0150, 0160 or 0170) or KCMS 0135 and one elective (KCMS 0150, 0160, or 0170). Students participate in cooperative internship with a local company. Student and instructor work with a company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KCMS 0210 Networking Technologies-Elect. 0
Students learn basic computer networking terms and concepts, the OSI model, transmission media, and protocols as well as many various vendor protocols used in LAN and WAN network implementation. Prepares student for Network+ Certification.

KCMS 0220 Server Hardware - Elective 0
Students gain in-depth knowledge of servers: security, disaster recovery, hardware/software/network configuration, storage/transfer technologies, network protocols (TCP/IP, SNA SPX/IPX, SNMP.) Prepares student for Server+ Certification.

KCMS 0230 Internet Technician - Elective 0
Students learn Internet basics, clients, development including html, MS Front-Page, introduction to C++/Java/VB/ JavaScript, Internet Security, business concepts, and network technology. Students study for I-Net+ Certification.

KCMS 0290 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KCMS 0300 Configuring Windows Clients 0
 Prereq: Must complete one of the following: KCMS 0125 and one elective (KCMS 0150, 0160 or 0170) or KCMS 0135 and one elective (KCMS 0150, 0160 or 0170). Prepares students for the MCSA client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KCMS 0400 Linux Fundamentals 0
 Prereq: Must complete one of the following: KCMS 0130 and KCMS 0120 or KCMS 0125 and one elective (KCMS 0150, 0160 or 0170) or KCMS 0135 and one elective (KCMS 0150, 0160, or 0170). Teaches core concepts required for working effectively in the Linux/Unix environment and lays a solid foundation for more advanced Linux topics.

KCSR 0110 Beginning Keyboarding 0
 This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KCSR 0120 Data Entry 0
 Prereq: KCSR 0110 Students learn data-entry terminology and how to enter alphanumeric data in fields of varying lengths, while striving to improve their speed and accuracy.

KCSR 0130 Ten-Key 0
 Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KCSR 0140 Computer Concepts/Windows 0
 Students learn basic Windows skills; working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

KCSR 0150 Customer Service/Life Skills 0
 The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KCSR 0160 Keyboard Skill Building 0
 Prereq: KCSR 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KCSR 0170 Into to Word Processing (Word) 0
 Prereq: KCSR 0110, KCSR 0140. Students learn basic word-processing skills including formatting, editing, proofing, saving, and printing documents.

KCSR 0180 Intro-Business Communications 0
 Students learn elementary principles of English grammar, spelling, sentence structure and paragraph writing, proofreading, and introductory dictionary and reference manual usage.

KCSR 0290 Employment Workshop 0
 This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KDDA 0200 Dental Assisting 0
 Prereq: KDFO 0190. Students learn the basic skills needed for work as a dental assistant, including how to recognize, care for, and sterilize instruments and basic fore-hand passing techniques.

KDEM 0110 Beginning Keyboarding 0
 This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KDEM 0130 Ten-Key 0
 Students learn basic ten-key calculator concepts and applications using the touch method with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level medical billing position.

KDEM 0140 Computer Concepts/Windows 0
 Prereq: KDEM 0110. Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

KDEM 0150 Customer Service/Life Skills 0
 The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KDEM 0160 Keyboard Skill Building 0
 Prereq: KDEM 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KDEM 0170 Word Processing (MS Word Core) 0
 Prereq: KDEM 0110, KDEM 0140. Students learn basic word-processing skills such as working with text, paragraphs, and documents; managing files; using tables; and working with pictures and charts. Teaches concepts needed for MOS Word Core Certificate Exam.

KDEM 0190 Medical Terminology 0
 Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KDEM 0200 Medical Filing 0
 This class covers basic concepts and rules governing medical filing including the correct use of terminology. Both theory and practical applications are covered.

KDEM 0210 Anatomy/Medical Coding, Billing 0
 Prereq: KDEM 0190. This class covers the basic human anatomy and physiology concepts required to help the student prepare for the AACP and/or AHIMA National Certification Tests. Terminology will be covered with emphasis on body structure & systems.

KDEM 0220 ICD-9 Coding 0
 Prereq: KDEM 0190. Basic concepts and rules governing medical insurance coding, including the correct use of terminology specific to the coding process are covered. Both lectures and practical applications using the ICD-9-CM are employed.

KDEM 0235 Intro to HCPCS/CPT Coding 0
 Students learn basic concepts & rules governing the use of procedural coding for the medical billing process. Lectures, practical application using the CPT and HCPCS books are applied. Not designed for national AACP test preparation.

KDEM 0240 Medical Acctg/Patient Software 0
 Prereq: KDEM 0140. The student will use medical accounting/patient software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims, and schedule patient appointments.

KDEM 0250 QuickBooks 0
 Prereq: KDEM 0140. Students will learn to use the QuickBooks software to its full potential. Practical examples and exercises will show students how to utilize functions allowing recording of all regular and special transactions and produce reports.

KDEM 0285 Cooperative Externship 0
 Ninety hours of work experience in an approved medical facility under professional supervision to give hands-on experience in the medical coding profession.

KDEM 0290 Employment Workshop 0
 This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KDFO 0110 Beginning Keyboarding 0
 This course teaches the efficient operation of the keyboard, including the touch method of operation, correct techniques, and correct fingering.

KDFO 0140 Computer Concepts/Windows 0
 Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KDFO 0150 Customer Service/Life Skills 0
 This class covers professionalism as it pertains to attitude, ethics, communications, appearance, verbal presentation, conflict management/resolution, problem-solving, team skills, telephone etiquette, note taking, closing sales, and life skills.

COURSE DESCRIPTIONS

KDFO 0160 Keyboard Skill Building 0
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KDFO 0170 Word Processing Core 0
Students learn basic word-processing skills, such as working with text, paragraphs, and documents; managing files; using tables; and working with pictures and charts.

KDFO 0190 Dental Terminology 0
Through lecture and video students learn 112 dental elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KDFO 0220 Dental Coding 0
Students learn basic concepts and rules governing dental insurance coding, including the correct use of terminology specific to the coding process.

KDFO 0230 Dental Office Procedures 0
Students learn filing techniques required in a dental office.

KDFO 0240 Dental Scheduling/Billing 0
Prereq: KDFO 0140. The student will use dental scheduling/billing software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims, and schedule patient appointments.

KDFO 0280 Dental Cooperative Externship 0
Prereq: KDFO 0240. The externship consists of 80 hours of work experience in a cooperative dental facility. Students will assemble and file patient files according to departmental coding system, fax records, purge records, pull and re-file charts, scheduling patients, billing, phones, etc.

KDFO 0285 Dental Coop/Externship 0
The externship consists of work experience in a cooperative dental facility. Experience will range from working at the front desk to assisting the dentist at the patient's side.

KDFO 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KDST 0110 Heavy Duty Drivetrains 0
Theory and lab instruction in clutch, manual transmission, differential, torque converter, automatic transmission, final drives, theory and operation. Track type undercarriage is also covered.

KDST 0120 Basic Diesel Engines 0
Theory and lab instruction in safety, theory, operation, troubleshooting and repair maintenance. Part nomenclature for both 2-cycle and 4-cycle engines, as well as tear-down and rebuilding of these engines is included.

KDST 0130 Preventive Maintenance 0
Theory and lab instruction in preventive maintenance and service of heavy duty equipment.

KDST 0210 Heavy Duty Electrical-Elect. 0
Theory and lab instruction in basic electronics, magnetism, electronic controls, operation, maintenance, testing, troubleshooting & repair of all electrical units. Basic operation, maintenance & repair of air conditioning.

KDST 0220 Advanced Diesel Engines-Elect. 0
Theory and lab instruction in the tune-up, troubleshooting and maintenance of 2-cycle & 4-cycle diesel engines with emphasis on all systems, including operation, diagnostics, repair of electronic and computerized engine controls.

KDST 0230 Heavy Duty Hydraulics-Elective 0
Classroom and lab instruction in fundamentals, principles, and components of mobile hydraulic systems.

KDST 0245 Welding 0
Prereq: Skills Center entry; good eyesight, lift 50 lbs. Learn basic practical welding and cutting skills using the oxy-acetylene welding and shielded metal arc welding processes on carbon steel. Safe practices and theory of OAW & SMAW are taught.

KDST 0290 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KDST 0340 Safety/Basic Diesel Theory 0
Prereq: concurrent w/ DST 0350. Instruction in the theory of workplace safety, operation, parts nomenclature of both 2- and 4-cycle engines, use of measuring devices and fastener types. Combustion systems and engine sub-assemblies will be covered.

KDST 0350 Safety/Basic Diesel Lab 0
Prereq: concurrent w/ DST 0340. Practical experience in disassembly, inspection and reassembly of both 2- and 4-cycle engines; sub-assemblies for different engine systems; running and tuning-up engines from different manufacturers.

KDST 0360 Safety/Basic Eng Perform Th 0
Prereq: concurrent w/ KDST 0370. Instruction in safety, trouble-shooting, and repair maintenance. Includes parts nomenclature of both 2-cycle and 4- cycle engines, hydro-mechanical fuel-injection system operation, and maintenance of these systems.

KDST 0370 Safety/Basic Eng Perform Lab 0
Prereq: concurrent w/ KDST 0360. Practical experience in disassembly, inspection, reassembly of both 2- and 4-cycle diesel engines. Subassembly's for different engine systems will also be covered, as well as troubleshooting engine performance problems.

KDST 0440 Preventive Maint. Brake Th 0
Lecture in preventive maintenance & servicing of heavy-duty trucks and equipment. Includes general preventive maintenance inspections A, B, C, & D, truck systems servicing, and shop safety procedures.

KDST 0450 Preventive Maint. Brake Lab 0
Hands-on experience in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes general preventive maintenance inspections A, B, C, & D; truck systems servicing and shop safety procedures.

KDST 0460 Prevent. Maint. Elect. Theory 0
Lecture in preventive maintenance & servicing of heavy-duty trucks and equipment. Includes batteries & electrical systems, drive line, U-joints, chassis & suspension systems and shop safety procedures.

KDST 0470 Prevent. Maint. Elect. Lab 0
Hands-on practice in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes batteries and electrical systems, drive line, U-joints, chassis and suspension systems and shop safety procedures.

KDST 0540 Drivetrains/Gear Drives Theory 0
Prereq: concurrent w/ KDST 0550. Classroom instruction in clutch, twin countershaft manual transmissions, differentials, theory and operation; includes preventive maintenance and troubleshooting.

KDST 0550 Drivetrains/Gear Drives Lab 0
Prereq: concurrent w/ KDST 0540. Classroom/lab instruction in clutch, twin countershaft manual transmissions, differential, theory and operation. Track-type undercarriage will also be covered.

KDST 0560 Drivetrains/Fluid Drives Thry 0
Prereq: concurrent w/ KDST 0570. Classroom instruction in torque converter, automatic transmission, final drives, theory and operation; track-type undercarriage. Preventive maintenance and troubleshooting will be covered.

KDST 0570 Drivetrains/Fluid Drives Lab 0
Prereq: concurrent with KDST 0560. Classroom/lab instruction in torque converter, automatic transmissions, and final drives, theory and operation. Track type undercarriage will also be covered.

KELA 0150 Universal Assembly and Repair 0
Learn through-hole solder fundamentals, theory, rework/ repair techniques, component identification, wire solder, component installation, and setup and use of soldering workstations.

KELA 0160 Surface Mount Technology 0
Learn theory, installation and quality workmanship methods involved in surface mount technologies (SMT), including component identification, placement, and other associated soldering techniques.

KELA 0170 IPC-A-610C Worker Prof. Mod. 0
Students prepare for the IPC-A-610C Worker Proficiency Standards Certification test which includes soldering, soldering criteria, wires, PCB, and components. The certification test is included in the course.

KELA 0171	IPC-A-610D Cert IPC Specialist	0
Designed and certified by IPC. Enables students to make correct accept/reject decisions for appropriate class(es) of electronic assemblies. Certification earned through examination.		
KELA 0290	Employment Workshop	0
Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.		
KESL 0110	Level 1 - Beginning Grammar	0
Prereq: A score of 0-20 on the CELSA test. Introduction to basic parts of speech and verb forms.		
KESL 0120	Level 1-Begin Read/Write/Speak	0
Introduction to basic reading, writing, and communication skills.		
KESL 0210	Level 2-Intermed. Grammar	0
Introduction and practice of basic structures and usage: present, past, and future tenses; nouns and pronouns; basic models; present and past perfect; count and non-count nouns and articles.		
KESL 0220	Level 2-Int. Read/Write/Speak	0
Intermediate practice of reading and writing skills; vocabulary development; communication skills; cultural awareness.		
KESL 0250	Level 2-Inter Listen/Note-take	0
Introduce and develop listening strategies, note-taking and organizational skills, vocabulary building, and speaking abilities in various contexts.		
KESL 0310	Level 3-Advanced Grammar	0
Advanced grammatical and complex sentence structures: verb tense review; passive; complete modal usage; gerunds and infinitives; conditionals.		
KESL 0320	Level 3-Adv. Read/Write/Speak	0
Skills are refined by reading different styles and points of view, vocabulary building, essay writing, listening activities, and oral presentations.		
KESL 0350	Level 3-Adv. Listen/Note-take	0
Refine listening strategies, note-taking and organizational skills, academic vocabulary building, cooperative speaking activities, and test-taking skills.		
KESL 0450	Language Lab	0
Prereq: CELSA 0-66. Computer-aided instruction and/or communicative activities to develop fluency.		
KESL 0500	ESL on Tour	0
Students will increase vocabulary and conversation skills by touring sites of interest along the Wasatch Front. Students learn to give and ask directions. Students will keep journals.		
KESL 0720	Pre-College Reading/Writing	0
Thorough review of English grammar as needed for reading and writing; advanced reading and vocabulary skills; summaries; essays.		
KESL 0730	Pre-College Listening/Speaking	0
Note-taking skills; lecture comprehension; prepared speeches; community service learning.		
KESL 0740	Pre-College Computer Skills	0
Introduction and practice as needed for college success: word processing, e-mail, internet.		
KESL 0750	Pre-College Workshop	0
Pronunciation, debate, particular grammar points, vocabulary, etc. Student needs and interests determine actual curriculum.		
KET2 0116	Universal Assembly and Repair	0
A project-oriented course that provides basic soldering and assembly skills required of electronics technicians. The focus is on thru-hole soldering to industry specifications.		
KET2 0117	Surface Mount Technology	0
Learn theory, installation, and quality workmanship methods involved in surface mount technologies (SMT), including component identification, placement, and rework soldering techniques.		
KET2 0118	IPC-A-610D Cert IPC Specialist	0
Designed and certified by IPC. Enables students to make correct accept/reject decisions for appropriate class(es) of electronic assemblies. Certification earned through examination.		

KET2 0120	Electronics Math	0
Students solve electronics problems using functions, graphs, and graphical solutions used in circuitry, including quadratic equations, systems of equations, matrices, determinants, trigonometry, algebra, and inequalities.		
KET2 0121	Basic Mathematics	0
Covers the basic concepts of mathematics: addition/ subtraction, multiplication/ division, fractions, signed numbers, percents, exponents, and metric notation.		
KET2 0122	Measurements	0
Prereq: KET2 0121 or equivalent. Describes practical uses of math for electronics students; it covers the fundamentals of measurements: use of tools, standards, area, and volume.		
KET2 0123	Algebra for Electronics	0
Prereq: KET2 0121 or equivalent w/ 80% or higher. Introduces student to the fundamentals of algebra: solving linear equations, laws of exponents, monomials/polynomials equations, concepts of radicals, & solving complex problems. Applications to electronics is a major part of this course.		
KET2 0124	Trigonometry for Electronics	0
Prereq: KET2 0123 w/ 80% or higher. Covers the fundamentals of trigonometry: applications, graphs, functions and formulas. Application to electronic circuits is covered.		
KET2 0130	Direct Current Electronics	0
Prereq: KET2 0124, or equivalent (such as Math 1010.) DC circuit fundamentals, circuit/component characteristics, analysis, DC formulas, & theory. Lecture/lab combination to apply theory concepts and learn practical aspects of DC circuits, measurements, troubleshooting and circuit construction.		
KET2 0145	Alternating Current Electronics	0
Prereq: KET2 0150 or equivalent. Fundamentals of AC circuits, characteristics of components and RCL circuits. Includes practical application of theory, circuit construction, measurements, and troubleshooting. Usage of Oscilloscopes, function generators, and frequency counters.		
KET2 0156	Linear Circuits	0
Prereq: KET2 0121, KET2 0122, KET2 0123, KET2 0124, KET2 0130, KET2 0145, or equivalents. Covers active devices: diodes, transistors, thyristors, optoelectronic devices. Includes biasing techniques, amplifier classes, configurations, operational amplifiers. Includes applications & troubleshooting concepts.		
KET2 0166	Digital Circuits	0
Prereq: KET2 0121, KET2 0122, KET2 0123, KET2 0124, KET2 0130, KET2 0145, KET2 0155. Covers digital circuit theory including binary/octal/ hexadecimal numbers, truth tables, logic gates, flip-flops, counters, shift registers, interfaces, A/D,D/A converter. Emphasizes practical applications and troubleshooting.		
KET2 0170	Computer Technology Basics	0
This course consists of touch keyboarding (minimum 20 wpm) basic computer hardware and software, DOS, Windows and other operating systems (with an introduction to Unix/Linux), and Internet and Email.		
KET2 0175	Computer Literacy Basics	0
Provides basic computer literacy skills including personal computer hardware, Windows/DOS, email/internet, DOS, keyboarding, word-processing, and spreadsheets. Students prepare for the IC3 industry certification exams.		
KET2 0180	Microcomputer Fundamentals	0
Students learn basic computer hardware (motherboards, CPUs, buses, memory, and disk drives) and software (DOS, Windows 9x, and Windows NT-2000), as well as Internet hardware and software.		
KET2 0200	Cooperative Internship	0
Students participate in cooperative internship with a local company. Student and instructor will work with company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.		
KET2 0210	Micro. Fundamentals – Elective	0
Students learn basic computer hardware (motherboards, CPUs, buses, memory, and disk drives) and software (DOS, Windows 9x, and Windows NT-2000), as well as Internet hardware and software.		

COURSE DESCRIPTIONS

KET2 0220 Coop. Internship – Elective 0
Students participate in cooperative internship with a local company. Student and instructor will work with company to ensure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KET2 0230 Electr. Troubleshooting-Elect. 0
Covers principles, techniques, and procedures for trouble-shooting electronics equipment, including power supplies, audio and RF systems, analog, and digital systems. Emphasis is placed on the use of test equipment.

KET2 0241 Tech Certification 0
Prereq: minimum basic skills required as defined by the program admissions office. a review of electronics theory and applications to practical problems and solutions. Computerized tutorials prepare students for the industry recognized Electronics Technician, Associate-level certification examination.

KET2 0290 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KFLT 0250 Fork Lift Training 0
Students learn the basic skills needed to safely operate fork lifts, pallet jacks, and hand trucks.

KGED 0200 GED Prep, Social Studies 0
Students prepare for the GED Social Studies Exam. Test-taking tips are presented in the course to lessen test anxiety and encourage confidence.

KGED 0300 GED Prep, Science 0
Students prepare for the GED Science Exam. Test-taking tips are presented in the course to lessen test anxiety and encourage confidence.

KGED 0500 GED Language Arts/Writing 0
Designed for individual study to prepare for the GED writing exams (I and II.) Test-taking tips are presented in the course to lessen test anxiety and encourage confidence.

KGED 0600 GED Test Preparation 0
Prereq: ABLE score of 8.0 in comprehension & vocabulary; complete levels 1-7 of KABM 0110 to enter level 8, GED Math; concurrent with KGED 0500; may be taken with KALL 0100. Students prepare for the GED Social Studies, Reading and Science Exams. Test-taking tips are presented in the course to lessen test anxiety and encourage confidence.

KGNC 0100 Basic Business Math 0
Students learn basic business math, i.e., averages and percentages and converting fractions & decimals. Students complete business tasks including payroll and deductions, cost, discounts, taxes, interest, and bank statements.

KGNC 0110 Beginning Keyboarding 0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KGNC 0120 Data Entry 0
Prereq: KGNC 0110. Students learn data-entry terminology and how to enter alphanumeric data in fields of varying lengths, while striving to improve their speed and accuracy.

KGNC 0130 Ten-Key 0
Prereq: KGNC 0100. Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KGNC 0140 Computer Concepts/Windows 0
Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KGNC 0150 Customer Service/Life Skills 0
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KGNC 0160 Keyboard Skill Building 0
Prereq: KGNC 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KGNC 0170 Word Processing (MS Word Core) 0
Prereq: KGNC 0110, KGNC 0140. Students learn basic word-processing skills, such as working with text, paragraphs, and documents; managing files; using tables; and working with pictures and charts.

KGNC 0200 Business Terminology 0
Students learn to recognize, pronounce, spell, define, understand, and accurately use basic business terms.

KGNC 0210 Business Language Comp. Skills 0
Prereq: KGNC 0200. Students build on skills acquired in business terminology to read, understand, and follow instructions given in various business documents including e-mails, memos, letters, and reports.

KGNC 0220 Basic Elements of Bus. Writing 0
Prereq: KGNC 0210. Students build on skills acquired in business terminology and business language comprehension to learn the basic elements of business writing using professional terminology.

KGNC 0230 Business Communications 0
Prereq: KGNC 0220. Students learn principles of English grammar; spelling; paragraph, essay, letter, and memo writing; proofreading; and dictionary and reference manual usage.

KGNC 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KHUC 0190 Health Unit Coordinating 0
Students learn the skills required to work as a member of the health care team providing non-clinical support for patient care: maintain patient charts, transcribe doctor's orders, order diagnostic tests/procedures, etc.

KHUC 0200 Cooperative Externship 0
Students participate in a cooperative externship with a local hospital. A cooperative preceptor assists with specific assignments to enhance the student's competency and proficiency for work in a hospital nursing unit.

KHUC 0210 Cooperative Externship 0
Students participate in a cooperative externship with a local hospital. A cooperative preceptor assists with specific assignments to enhance the student's competency and proficiency for work in a hospital nursing unit.

KHUC 0290 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KLCK 0110 Line Cook Skills 0
General skills needed by food service workers/prep. cooks in restaurants, cafeterias, or banquet settings. Focus will be on developing a good work ethic as well as food preparation and presentation.

KLCK 0120 Vocabulary/Communication Skills 0
Content includes vocabulary associated with the food service industry. Food preparation and food presentation is stressed as well as good communication skills.

KLNA 0110 Linux Fundamentals 0
Teaches core concepts required for working effectively in the Linux/Unix environment and lays a solid foundation for more advanced Linux topics.

KLNA 0120 Linux System Administration 0
Teaches in-depth administration skills required to plan, deploy, maintain, and troubleshoot Linux servers.

KLNA 0130 Linux Network Services 0
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ certification, or obtain instructor approval. Covers the theory, installation, configuration, and troubleshooting of six widely used network services: DNS, LDAP, Apache, FTP, Samba, and Mail servers.

KLNA 0290	Employment Workshop	0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.		
KLSS 0110	A+ Certification Module	0
Prepares students for the CompTIA A+ computer hardware and software exams.		
KLSS 0120	Linux Fundamentals	0
Prereq: Instructor approval required. 20 wpm touch-typing is highly recommended. Teaches core concepts required for working effectively in the Linux/Unix environment and lays a solid foundation for more advanced Linux topics.		
KLSS 0130	Linux System Administration	0
Prereq: Instructor approval required. 20 wpm touch-typing is highly recommended. Teaches core concepts required for working effectively in the Linux/Unix environment and lays a solid foundation for more advanced Linux topics.		
KLSS 0210	Network + Exam Preparation	0
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ certification, or obtain instructor approval. Students learn basic computer networking terms, concepts, the OSI model, transmission media, and protocols as well as many various vendor protocols used in LAN and WAN network implementation. Prepares student for Network+ Certification.		
KLSS 0220	I-Net +	0
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ certification, or obtain instructor approval. Students learn Internet basics, clients, development including html, MS FrontPage, introduction to C++/Java/VB/ JavaScript, Internet Security, Business concepts, and network technology. Students study for I-Net+ certification.		
KLSS 0230	Microsoft MCP 70-210	0
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ certification, or obtain instructor approval. Prepares students for the Microsoft Windows 2000 Profession 70-210 exam.		
KLSS 0290	Employment Workshop	0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.		
KMAT 0100	Shop Safety	0
Machine shop safety and vocabulary.		
KMAT 0150	Work Ethics	0
Students learn job performance and attitudes that employers expect from their employees.		
KMAT 0200	Machine Tools	0
Students learn the function and use of the tools used to machine metals.		
KMAT 0205	Machine Tools	0
Students learn the function and use of the tools used to machine metals.		
KMAT 0290	Employment Workshop	0
Prereq: Enrolled in the complete Machinist program. Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.		
KMAT 0300	Shop Math	0
Prereq: Math basic skills on the ABLE test of 6.0. Application of machine shop math.		
KMAT 0305	Shop Math	0
Prereq: Math basic skills on the ABLE test of 6.0. Application of machine shop math.		
KMAT 0350	Blue Print Reading	0
Students learn to reading and interpret mechanical drawings and apply them to machining projects.		
KMAT 0355	Blue Print Reading	0
Students learn to reading and interpret mechanical drawings and apply them to machining projects.		

KMAT 0400	Metals	0
Students learn the mechanical properties of common metals used in the machining applications.		
KMAT 0405	Metals	0
Students learn the mechanical properties of common metals used in the machining applications.		
KMAT 0500	Lathe	0
Students will learn to use a lathe for precision machining.		
KMAT 0600	Milling	0
Students learn to use a milling machine.		
KMAT 0700	Grinding	0
Students learn to use a surface grinder.		
KMAT 0705	Grinding	0
Students learn to use a surface grinder.		
KMAT 0800	Quality Assurance	0
Measurement and inspection techniques used in the machining industry.		
KMAT 0805	Quality Assurance	0
Students learn measurement and inspection techniques used in the machining industry.		
KMCB 0160	Keyboard Skill Building	0
This course reinforces the touch method of keyboarding with, emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.		
KMCB 0180	Medical Business Communication	0
Students learn principles of English grammar; spelling, paragraph, essay, letter, and memo writing; proofreading; and dictionary and reference manual usage.		
KMCB 0230	Adv Medical Coding (CPT/HCPCS)	0
Students learn concepts & rules for the use of procedural coding including advanced ICD-9, CPT, & HCPCS. Successful completion will help prepare students to take the AAPC and/or AHIMA national coding certification exams.		
KMCB 0280	Cooperative Externship	0
The externship consists of 110 hours of work experience in an approved medical facility under professional supervision to give hands-on experience in the medical coding profession.		
KMCB 0300	Spreadsheets (Core)	0
Students will learn skills required for building, editing, and formatting worksheets and charts, and working with formulas and functions.		
KMCP 0110	Beginning Keyboarding	0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.		
KMCP 0130	Ten-Key	0
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.		
KMCP 0140	Computer Concepts/Windows	0
Prereq: KMCP 0110. Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.		
KMCP 0150	Customer Service/Life Skills	0
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.		
KMCP 0160	Keyboard Skill Building	0
Prereq: KMCP 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.		
KMCP 0170	Word Processing (MS Word Core)	0
Prereq: KMCP 0110, KMCP 0140. Students learn basic word-processing skills such as working with text, paragraphs, and documents; managing files; using tables; and working with pictures and charts. Teaches concepts needed for MOS Word Core Exam.		

COURSE DESCRIPTIONS

KMCP 0190 Medical Terminology 0
Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KMCP 0200 Medical Filing 0
This class covers basic concepts and rules governing medical filing including the correct use of terminology. Both theory and practical applications are covered.

KMCP 0210 Anatomy/Medical Coding,Billing 0
Prereq: KMCP 0190. This class covers the basic human anatomy and physiology concepts required to help the student prepare for the AAPC and/or AHIMA National Certification Tests. Terminology will be covered with emphasis on body structure & systems.

KMCP 0220 ICD-9 Coding 0
Prereq: KMCP 0190. Basic concepts and rules governing medical insurance coding, including the correct use of terminology specific to the coding process are covered. Both lectures and practical applications using the ICD-9-CM are employed.

KMCP 0235 Medical Coding (CPT/HCPCS) 0
Students learn concepts & rules for the use of procedural coding including advanced ICD-9, CPT, & HCPCS. Successful completion will help prepare students to take the AAPC and/ or AHIMA national coding certification exams.

KMCP 0240 Medical Acctg/Patient Software 0
Prereq: KMCP 0140. The student will use medical accounting/patient software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims, and schedule patient appointments.

KMCP 0285 Cooperative Externship 0
The externship consists of 90 hours of work experience in an approved medical facility under professional supervision to give hands-on experience in the medical coding profession.

KMCP 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KMNA 0110 Networking Technologies 0
Prereq: Completed Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn basic computer networking terms and concepts, the OSI model, transmission media, and protocols as well as many various vender protocols used in LAN and WAN network implementation.

KMNA 0125 Configuring Windows Clients 0
Prereq: Completed Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Prepares students for the MCSA client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KMNA 0135 Server Environment Manager 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn to install, implement, administer, and troubleshoot Server and client information systems running in a Windows network environment. Prepares students for the MCSA Server exam.

KMNA 0150 Network Infrastructure 0
Prereq: Completed Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Students learn to install, manage, maintain, troubleshoot and secure Windows Server network services such as DHCP, DNS, RRAS, NAT, VPNs, Routers, and Wins. Prepares students for one of the required core MCSA exams.

KMNA 0205 Cooperative Internship 0
Prereq: Complete competencies for all other courses in KMNA. Students participate in cooperative internship with a local company. Student and instructor will work with company to ensure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KMNA 0220 Extended Cert. Test. Prep. 0
Prereq: Completed Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Designed to help students continue preparations for taking the MCSA exams. A focus on test-taking strategies, research resources and techniques, and time management will be given.

KMNA 0295 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KNEG 0120 Managing Windows Network 0
Students learn to administer, support, and troubleshoot information systems that use MS Windows 2000. Students are prepared for MS exam 70-218 which is required for the MCSA course and is an elective for MCSE.

KNEG 0135 Configuring Windows Clients 0
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ cert., or instructor approval. Prepares students for the MCSE client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KNEG 0145 Server Environment Manager 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn to install, implement, administer, and troubleshoot server and client information systems running in a Windows network environment. Prepares students for the MCSE Server exam.

KNEG 0150 Network Infrastructure 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn to install, manage, maintain, troubleshoot and secure Windows Server network services such as DHCP, DNS, RRAS, NAT, VPNs Routers, and Wins. Prepares students for one of the required core MCSE exams.

KNEG 0165 Administer Directory Services 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Students learn to install, maintain, implement, and troubleshoot Windows Active Directory directory services in a Windows network environment. Topics include group policy, forest, site, domain, and OU administration. Prepares students for a core MCSE exam.

KNEG 0175 Designing Network Environments 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Covers planning and designing network environments using Windows technologies to meet business requirements. Prepares students for the MCSE network design exam.

KNEG 0185 Designing Network Security 0
Includes creating a security design for the network infrastructure, designing security for network management and updates, designing secure communications between networks, and designing security for Windows servers based on server roles including IIS and Wireless technology.

KNEG 0190 Network Security 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Covers how to implement, manage, maintain, and troubleshoot security in a Windows Server environment. Topics include: securing the network and securing server services, including RRAS, network communication and Active Directory.

KNEG 0205 Cooperative Internship 0
Prereq: Complete competencies for all other courses in KNEG. Students participate in cooperative internship with a local company. Student and instructor will work with company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KNEG 0210 Managing Windows NT 4 Network 0
Prepares students for MCSE elective exam 70-244. Students learn to administer, support, and troubleshoot information systems and networks that incorporate MS Windows NT 4.0.

KNEG 0220 Extended Cert. Test. Prep. 0
Prereq: Complete Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. Designed to help students continue preparations for taking the MCSA exams. A focus on test-taking strategies, research resources and techniques, and time management will be given.

KNEG 0295 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KNRS 0110 Patient Care, Theory and Labs 0
Students learn the skills required to meet the needs of acute, chronic, long-term, and chronically ill patients in hospitals, long-term care facilities, and in the home, while preparing for the state Certified Nurse Assistant exam.

KNRS 0115 Patient Care Theory and Lab 0
Students learn the skills required to meet the needs of acute, chronic, long-term, and chronically ill patients in hospitals, long-term care facilities, and in the home, while preparing for the state Certified Nurse Assistant exam.

KNRS 0120 Patient Care Clinical 0
Students practice basic hands-on patient care at a local long-term care facility and hospital. This clinical assignment prepares students for the state Certified Nurse Assistant basic skills demonstration test.

KNRS 0290 Employment Workshop 0
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KOFC 0110 Beginning Keyboarding 0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KOFC 0130 Ten-Key 0
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KOFC 0140 Computer Concepts/Windows 0
Prereq: KOFC 0110. Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KOFC 0150 Customer Service/Life Skills 0
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KOFC 0160 Keyboard Skill Building 0
Prereq: KOFC 0110. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOFC 0175 Word Processing (Word Expert) 0
Prereq: KOFC 0170. Students learn advanced word processing skills working with paragraphs, documents, tables, pictures and charts. They learn mail merge, additional advanced features, and collaborating with groups.

KOFC 0180 Business Communications 0
Students learn principles of English grammar; spelling; paragraph, essay, letter, and memo writing; proofreading; and dictionary and reference manual usage.

KOFC 0190 Presentations(PowerPoint Core) 0
Prereq: KOFC 0140. Students learn and demonstrate MS PowerPoint presentation software including creating, modifying, enhancing, and formatting slides and using embedding techniques.

KOFC 0200 Spreadsheets (MS Excel Core) 0
Prereq: KOFC 0140. Hands-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KOFC 0210 Spreadsheets (MS Excel Expert) 0
Prereq: KOFC 0200. Hands-on simulations assist students in acquiring skills in importing and exporting data, using templates, formatting numbers, using named ranges, toolbars, macros, and analysis tools; auditing worksheets; collaborating with workgroups.

KOFC 0220 QuickBooks 0
Prereq: KOFC 0140. Students will learn to use the QuickBooks software to its full potential. Practical examples and exercises will show how to utilize functions that will allow you to record all regular and special transactions and produce reports.

KOFC 0230 Office Procedures 0-9
Students learn business alphabetic filing skills and other basic office procedures.

KOFC 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KOFT 0110 Beginning Keyboarding 0
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

KOFT 0120 Data Entry 0
Students learn data-entry terminology and how to enter alphanumeric data in fields of varying lengths, while striving to improve their speed and accuracy.

KOFT 0130 Ten-Key Calculator 0
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KOFT 0140 Computer Concepts/Windows 0
Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KOFT 0150 Customer Service 0
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KOFT 0160 Keyboard Skill Building 0
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOFT 0170 Word Processing 0
Students learn beginning/intermediate word-processing: creating, opening, closing, editing, saving, and managing files; line and page formatting; using the spell checker and thesaurus; also formatting letters, memos, and tables.

KOFT 0180 Business Communications 0
Students learn principles of English grammar; spelling; paragraph, essay, letter, and memo writing; proofreading; and dictionary and reference manual usage.

KOFT 0210 Spreadsheets 0
Hands-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KOFT 0230 Office Procedures 0
Students learn filing, time-management techniques, oral and written communication skills, telecommunications information, team skills, reprographic resources, and office mechanics, using PowerPoint office software.

KOFT 0290 Employment Workshop 0
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KOIS 0130 Ten-Key Calculator 0
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KOIS 0145 Computer Concepts/Windows 0
This course teaches concepts and skills on computer basics, computer terminology, navigating and using Windows controls, managing files and folders, customizing the Windows work environment, and using the Internet and e-mail.

COURSE DESCRIPTIONS

KOIS 0155	Customer Service	0
Covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/ resolution, problem-solving skills, proper telephone etiquette, and teamwork in a business environment.		
KOIS 0160	Keyboard Skill Building	0
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.		
KOIS 0165	Keyboard Skill Building	0
This course teaches the touch method of keyboarding, including correct fingering and typing techniques. It emphasizes building speed and accuracy and developing proofreading and editing skills.		
KOIS 0170	Word Processing (MS Word)	0
Students will learn basic skills of using Word Processing as well as some of the most important topics of MS Word, such as: creating styles, outlines, tables, merging files, and integrating Word with other programs and the World Wide Web.		
KOIS 0180	Business Communications	0
This course reviews basic principles of English grammar and style, including parts of speech, word choice, and punctuation. Students will also review spelling rules and dictionary and reference manual usage.		
KOIS 0185	Business English	0
This course reviews essential elements of English grammar, usage, capitalization, and punctuation. Students also review spelling and vocabulary rules, dictionary and reference manual usage, and writing skills.		
KOIS 0215	Spreadsheets (MS Excel)	0
Hands-on simulations assist students in acquiring skills which include creating, editing, manipulating, & formatting worksheets, charts, and graphics; working with formulas and functions; working with multiple worksheets and workbooks.		
KOIS 0225	Accounting	0
This course presents the complete accounting cycle, which includes analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries.		
KOIS 0240	PowerPoint – Elective	0
Students learn to create and edit presentations, including inserting and editing graphics and objects, adding sound and animation, integrating PowerPoint with other programs and the World Wide Web.		
KOIS 0255	Database (MS Access)	0
Students learn how to create and maintain database tables; define table relationships; create, run, and save queries; sort and filter records; create and customize forms and reports; and integrate Access with other programs.		
KOIS 0270	Medical Terminology	0
Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.		
KOIS 0280	Computer-Assisted Accounting	0
Use of automated accounting software to reinforce/integrate basic accounting principles in a real-world simulation. Concepts include creating a company, entering, maintaining/ retrieving data from accounts/journals, & preparing reports.		
KOIS 0290	Employment Workshop	0
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.		
KOLL 0100	Open Learning Lab SCC OIS	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		
KOLL 0200	Open Learning Lab Computer Tec	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		
KOLL 0300	Open Learning Lab Welding	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		

KOLL 0400	Open Learning Lab Electronics	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		
KOLL 0500	Open Learning Lab Meadowbrook	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		
KOLL 0600	Open Learning Lab Tooele	0
An open learning class developed specifically to track the Department of Workforce Services client's study time outside the traditional program hours.		
KPDR 0180	Driving Experience	0
Prereq: current Motor Vehicle Report (MVR) with no DUIs within the past two years; current Department of Transportation (DOT) medical card. Groups of up to three students prepare for the CDL road test by practicing safe driving techniques and rules of the road with a licensed instructor.		
KPDR 0200	Professional Truck Driving-120	0
Prereq: Motor Vehicle Report for current driving record; no DUIs within past two years; current DOT medical card; Class A CDL Learner's permit; participation in random drug testing This course is designed to give students who are sponsored by companies: backing skills, over-the-road driving practice, shifting, and other skills required by their employer. Includes the CDL road test.		
KPDR 0210	CDL Written Test Preparation	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will prepare for the State of Utah's written test for a Class A CDL license.		
KPDR 0220	Log Books/Map Reading	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Prepare students in trip planning, to document loads and properly log hours in the log book.		
KPDR 0230	Life Skills for Drivers	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Includes skills for living on the road appropriate to the truck driving industry: driving behavior; fatigue; time management & punctuality; fitness/nutrition; planning for unexpected situations; personal hygiene and grooming.		
KPDR 0240	Vehicle Inspections	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. The student will learn vehicle inspections; before, during and after each trip, mandated by the state and federal government.		
KPDR 0250	Loading/Off-Loading Safety	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Includes the safe operation of fork lifts, Pallet Jack, hand truck, and how to operate a refrigerated trailer.		
KPDR 0260	Vehicle Maintenance	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Introductory class; minor maintenance required for safe operation of tractor-trailer combinations, such as changing light bulbs, adjusting brakes, tire chains, sliding the tandem on a trailer, coupling/uncoupling double trailers.		
KPDR 0270	Backing Skills	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Includes the coupling and un-coupling of tractor-trailers, putting the vehicle in motion (backing) and learning backing skills.		
KPDR 0280	Shifting Skills	0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will learn the use of the clutch and the term double clutching; also, how to read the gauges on the dash- board and use certain gauges to help in shifting.		
KPDR 0290	Employment Workshop	0
Prereq: Near completion of program. Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.		

KPDR 0300 Introductory Driving Experi. 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will be introduced to the safe operation, proper driving techniques, use of the foot pedals, park brake, engine brake, and other components on a tractor-trailer combination vehicle.

KPDR 0310 Safe Driving Observation 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. The student will observe the driving techniques of others, learning proper skills in operating a tractor-trailer combination vehicle.

KPDR 0320 Local Driving Externship 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will work with a designated company to gain experience in delivery, driving, and customer relations.

KPDR 0330 Extended Driving Experience 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will receive extended behind-the-wheel driving time; local, freeway, up and down grades, and other driving situations as appropriate.

KPDR 0400 Log Books/Map Reading 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Prepare students in trip planning, to document loads and properly log hours in the log book.

KPDR 0420 Vehicle Maintenance 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Introductory class; minor maintenance required for safe operation of tractor-trailer combinations, such as changing light bulbs, adjusting brakes, tire chains, sliding the tandem on the trailer, coupling/un-coupling double trailers.

KPDR 0430 Backing Skills 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Includes the coupling and un-coupling of tractor trailers, putting the vehicle in motion (backing) and learning backing skills.

KPDR 0440 Shifting Skills 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. Students will learn the use of the clutch and the term double clutching; also, how to read the gauges on the dashboard and use certain gauges to help in shifting.

KPDR 0450 Driving Experience 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. The student will be introduced to the safe operation, proper driving techniques, use of the foot pedals, park brake, engine brake, and other components on a tractor-trailer combination vehicle.

KPDR 0460 Safe Driving Observation 0
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs within last 2 years; current Dept. of Transportation (DOT) medical card. The student will observe the driving techniques of others, learning proper skills in operating a tractor-trailer combination vehicle.

KPDR 0560 Safe Driving Observation 0
The student will observe the driving techniques of others, learning proper skills in operating a tractor-trailer combination vehicle.

KRTW 0100 Ready to Work Employ. Skills 0
Students learn the critical skills employers are seeking as they select, interview, and work with employees; including the application process, communication, time management, problem-solving, professionalism, and basic computer use.

KTSS 0120 Adv. Office Technician Skills 0
Prereq: Completion of PWI Orientation; see advisor. Office skills specialization courses for PWI. Students enroll in courses as specified in evaluations and consult with PWI coaches. Emphasis on preparation for MOS Certification.

KTSS 0125 Office Technician MOS Core 0
Office skills specialization courses for PWI. Students enroll in courses as specified in evaluations and consult with PWI coaches. Emphasis on preparation for MOS certification.

KTSS 0130 Technical Support 0
Prereq: Completion of PWI Orientation; see advisor. Technical skills specialization courses for PWI. Students enroll in courses as specified in evaluations and consult with PWI coaches.

KTSS 0135 IC3 Skills 0
Foundation courses for PWI. Required of all students. Students enroll in courses as specified in evaluations and consultation with PWI coaches. Emphasis on preparation for IC3 certification.

KTSS 0160 Cooperative Internship 0
Prereq: Completion of PWI Program. Students participate in cooperative internship with a local company. Student and instructor work with a company to ensure student completes specific tasks and assignments in a workplace environment to enhance his/her competency.

KTSS 0160 Cooperative Internship 0
Prereq: Completion of PWI Program. Students participate in cooperative internship with a local company. Student and instructor work with a company to ensure students complete specific tasks and assignments in a workplace environment to enhance his/her competency.

KTSS 0165 Disability Empowerment Workshop 0

KTSS 0290 Employment Workshop 0

KWLD 0115 Intro to Welding & Lab Safety 0
Prereq: Skills Center entry; good eyesight, lift 50 lbs. Students are provided with a general introduction to the art, science, & technology of welding. General industrial safety practices are taught.

KWLD 0125 Oxy-Acetylene (OAW) 0
Prereq: good eyesight, lift 50 lbs., KWLD 0115. Learn practical welding and cutting skills using the oxy-acetylene welding process on carbon steel. Safe practices and theory of OAW are taught.

KWLD 0135 Shielded Metal Arc (SMAW) 0
Prereq: good eyesight, lift 50 lbs., KWLD 0125. Learn practical welding skills using the SMAW process on carbon steel. Safe practices and theory of SMAW are taught.

KWLD 0145 Gas Metal Arc (GMAW) 0
Prereq: KWLD 0135. Learn practical welding skills using the GMAW process on carbon steel and aluminum. Short circuiting and spray transfers. Safe practices and theory of GMAW are taught.

KWLD 0165 Blueprint Reading for Welders 0
Basic study of blueprint reading and drawing, welding symbols (AWS & SI), and NDT symbols.

KWLD 0170 Flux Cored Arc (FCAW) 0
Prereq: KWLD 0145. Learn practical welding skills using the FCAW process on carbon steel. Gas shielded and self-shielded. Safe practices and theory of FCAW are taught.

KWLD 0180 Gas Tungsten Arc (GTAW) 0
Prereq: KWLD 0170. Learn practical welding skills using the GTAW process on Fe and non-Fe metals. Safe practices and theory of GTAW are taught. Plasma Arc Cutting is also covered.

KWLD 0190 Math for Welders 0
Instruction in basic math skills needed by welders. Addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, metrics, and currency. Basic geometry and trigonometry formulas are taught.

KWLD 0290 Employment Workshop 0
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.

LAND 1110 Plumbing/Pipefitting Applica. 5
This introductory course will put emphasis on drawing and sketching in relation to architectural drawings, isometric single-line pipe sketching, dimensioning, and working drawings.

COURSE DESCRIPTIONS

LAND 1120 Landscp Water Conserv./Elect. 5
Prereq: LAND 1110. This course introduces electrical theory for AC, DC, and low voltage applications. Electrical safety is strongly emphasized. Water conservancy through proper usage and variety of landscape practices.

LAND 1210 Small Engine Repair/Mntenance 5
Prereq: LAND 1120. Designed to introduce apprentices to internal combustion, 2 and 4 cycle small engine theory and practical application. Preventative maintenance, fuel mixtures, repair and service are all introduced.

LAND 1220 Pest Mngmt/Sustnbl. Landscapes 5
Prereq: LAND 1210. Controlling pests through proper management practices & application of pesticides. Various landscapes & typical control methods for preventing destruction by pests. Proper personal protection when making these control applications.

LAND 2310 Fund. /Soil Sci. & Hort. Sci. 5
Prereq: LAND 1220. Designing and sustaining soils for a variety of plant proliferation. Desirable plants for varying soil conditions and watering practices. Application of fertilizers, how much, when, and for what vegetation.

LAND 2320 Woody Plant Mat/Turfgrass Mgt 5
Prereq: LAND 2310. Theory, application of woody plant materials, management of various applications, and consistent practices for control and management of plants and materials. Maintenance and care of turfgrass through proper fertilization and care.

LAND 2410 Arbor Culture 5
Prereq: LAND 2320. Cultivation of tree and wooded plant growth through proper soil conditions, water management and training practices.

LAND 2420 Annual/Perenn. Plant Materials 5
Prereq: LAND 2410. Good landscaping practices through the utilization of annual and perennial plants with added available color variety and sustaining growth habitats.

LE 1020 Essentials-College Study (ID) 3
Orientation to prepare students for college study. Greater knowledge & skills to assist in academic objectives. Nature of adult learner, planning, testing, communication, study, library use, issues. Service learning component likely. Certain sections taught using service-learning.

LE 1060 Internet Navigator 1
Internet skills taught via Internet. Will 1) help students develop skills to navigate Internet effectively, 2) help student to access, evaluate and use information over their lifetime, 3) initiate collaborative interactive learning.

LE 1220 Human Relat.-Career Dev(SS,HR) 3
Creative, traditional job search methods and human relation skills to find, keep gainful employment. Self-assessment, goal setting, career review, job sources, written goals, appearance, interviewing, diversity. Service learning comp. Certain sections taught using service-learning.

LE 1240 Tutor Certification 1
Basic principles of tutoring through supervised practice tutoring. Students learn to become effective and certified tutors.

LE 1250 Effective Revision and Editing 2
Prereq: Involved in personal, academic or workplace writing. Students, individually and in groups, learn strategies to revise and edit the personal, school and workplace writing they bring to class. They see how issues of correctness, like grammar, spelling, & punctuation, relate to their writing.

LE 1260 Efficient Reading 3
Prereq: Min. score of 71 on CPT reading or RDG 990 w/C. Emphasizes improving reading speed, recall, comprehension for college-level materials.

LE 1310 Mind, Mach., Consciousness(ID) 3
Explore artificial intelligence (AI) from historical, philosophical, scientific views. Discusses what life is, current and future projections. Possible rights of AI entity. Implication of AI in all facets of life.

LE 1350 Values and Self-Image (ID) 3
Explore philosophical, psychological, educational theory on values and self-image. Assess values at beginning and end. Changes noted. Latest techniques in use of affirmation, goal setting. Personal philosophy. Service learning comp.

LE 1360 Opening Diverse Doors (ID, DV) 3
Course investigates needed critical reading/thinking skills in relation to philosophical, sociological, psychological and education values in areas of diversity consciousness (skills, awareness & understanding of diversity) in America.

LE 1900 Special Studies 1-3
Seminars and workshops to find appropriate field of study, develop personal skills and attitudes, explore college services, self-exploration/career planning, job hunting, personal development.

LOG 2000 Transportation CO-OP 1-4
Prereq: Sophomore status and instructor's approval. Supervised work experience in business, industrial or government related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new experience related to program major.

LOG 2990 Topics in Transportation 1-3
Prereq: Variable to topic or project. A study of transportation policy and current topics in transportation marketing. Free trade zones; distribution strategies; import and export in a changing world are examined.

LST 1800 Legal Secretary 2
Course covers legal terminology, pleading prep., court filing procedures and a basic exposure to various areas of the law, review of basic English, spelling, and grammar fundamentals, instruction in oral & written communications.

LST 1810 Legal Secretary II 2
Course provides a basic exposure to various areas of law including real estate, family law, estate planning, estates & guardianships, as well as litigation, the courts and other administrative agencies, law office acctg. and terminology.

LST 1820 Writing for Legal Secretaries 2
This course will provide students with the necessary skills to prepare informative and effective correspondence and legal documents. Students will learn correct grammar, punctuation, etc.

LT 1010 Intro to Library Services 3
This course provides an overview of types of libraries, media and information centers, tools and terminology used in libraries, the role of library assistants, Library Bill of Rights, privacy issues, role of library associations.

LT 1200 Public and Info Services 3
Course includes information about library circ. systems: policies, procedures, reserve collections, patron holds/ requests, reference and info services, search strategies, info sources, customer communication/search techniques.

LT 1500 Library Technical Services 3
Course is overview of the processes by which materials are acquired for collections and prepared for public access. Bibliographic search tools, acquisition terminology, serials ordering, cataloging reference tools and resources.

MA 1100 Medical Terminology 2
Course uses videos, supplemented lecture & covers over 350 medical word roots, suffixes, prefixes. Emphasis placed on pronunciation, spelling, proper usage of medical termin. Medical abbreviations are also introduced.

MA 1150 Medical Office Machines 3
Prereq: proof of word processing proficiency. Course is in modules including 10-key/touch keyboard speed-building skills with timed wrt, WP use, machine use & maintaining copiers, fax machines. Students must pass all competencies as outlined by the course syllabus.

MA 1200 Medical Office Management 4
Prereq: proof of word processing proficiency. Medical procedures including: billing, schedules, mail, telephones, office machines, computer hardware & software. Law & ethics, charting and other procedures as pertaining to the medical office.

MA 1210 Practical Medical Office Mgt. 2
Prereq: Concurrent with MA 1200. Practical application of MOM procedures taught in MA1200. Students must type 30wpm & demonstrate proficiency--passing all competencies outlined in the course by the end semester and before progressing to advanced medical courses.

MA 1300 Clinical Pharmacology 4
Prereq: MA 1100, MA 1420. Class will discuss the fate of drugs in the body including detailed information on various types of meds most commonly used in the medical office.

MA 1310 Phlebotomy and Admin of Meds 1
Prereq: Concurrent with MA 1300. Practical application of material introduced in MA 1300 including the administration of topical, oral, & parenteral medications, collecting blood by capillary & venous methods, & an intro to the administration of IV fluids & medications.

MA 1420 Clinical Pathology I 3
Discuss S & F of body systems including the cells, neuro, endo, CV, resp, derm, and the pathologies of the systems. Triage, Dx, & Tx of commonly seen disorders in the office & epidemi & infectious disease & the responsibility of the MA. and infectious diseases and the responsibilities of the MA.

MA 1500 Medical Terms/Procedures 6
Medical Terminology, abbreviations, structure and functions of the human body as it relates to the medical coder. Clinical documentation such as SOAP format, POMR format. Report requirements such as H&P, OR, Pathology and others.

MA 1600 Patient Care 2
Prereq: MA 1100, PSY 1100, MA 1420. Theory & principles concerning fundamental skills necessary for care of patients in the medical office. Practicing aseptic tech, sterilization equip, assessing vital signs, assist with examinations, such as OB/GYN, peds, & nutrition.

MA 1610 Practical Patient Care 3
Prereq: Concurrent with MA1600. Practical application of skills taught in MA1600. Students must pass all competencies in the syllabus before the end of the semester and before advancing to the advanced medical assisting courses.

MA 2220 Medical Office Transcription 3
Prereq: proof of word processing proficiency, MA1200, MA1210. Introduction to more advanced medical transcript, including admission, & discharge summaries, office visit notes, pathology reports. Students must pass all competencies outlined in the course syllabus by the end of the semester.

MA 2230 Computerized Med. Office Mgt 2
Prereq: proof of word processing proficiency, MA1200, MA1210. Computerized applications using software to perform office skills such as scheduling, banking, accounts receivable and payable, patient ledgers. Student must pass all competencies outlined in the course syllabus by the end of the semester.

MA 2240 Medical Office Communication 2
Prereq: MA 1100, MA 1200, MA 1210. Verbal & nonverbal communication between physician, staff, patients, and support personnel. Office correspondence using WP software, including resume, cover letters for externship, interpersonal skills, and the ADA.

MA 2300 Medical Coding Procedures 3
Prereq: MA 1100, MA 1420. Introduction and practice with current procedural terminology (CPT) and international classification of disease (ICD) coding procedures, HCPS for optimal reimbursements, as practiced in the medical setting.

MA 2310 Advanced Medical Coding 7
Prereq: MA 1100, MA 1420, MA 2300 or approval. Advanced practice with the current procedural terminology (CPT) and international classification of disease (ICD-9) coding procedures, HCPS for optimal reimbursement as practiced in medical settings.

MA 2420 Clinical Pathology II 3
Prereq: MA 1420. Course will discuss structure and function of the endocrine, cardiovascular, renal, pulmonary, and gastrointestinal body systems and related system pathologies including diagnosis, treatment, and prognosis of the disorders or diseases.

MA 2540 Practical Radiology 2
Prereq: MA 1420, MA 1600, and Instructor's approval. Theory & principals of basics of x-ray exams in the office. It includes physics as it pertains to x-ray, use and care of machine, proper mass KvP and time, darkroom procedures and patient protection, discussion of licensing requirements.

MA 2550 Practical Application-Radiolo. 3
Prereq: Concurrent with MA 2540. Practical application of principles and theories taught in MA2540, including patient positioning for chest x-ray, extremities, pelvis and x-rays using the phantom.

MA 2600 Advanced Patient Care 2
Prereq: MA 1420, MA 1600. Theory and principles of advanced skills for care of patient in the medical office including; EKGs, instruments ident. tray set-up, patient exam, bandaging, Pt triage first aid & ortho. Lab skills, hematology, UA, OSHS regs. precaution.

MA 2610 Practical Adv. Patient Care 3
Prereq: Concurrent w/MA 2600. Practical skills for MA 2600. Students must pass all competencies as outlined in the syllabus such as EKGs, sterile trays, phlebotomy, capillary draws, UA with micro, culture prep, casting, and first aid.

MA 2810 Medical Assistant Externship 4
Prereq: Successful completion of all required courses w/74%. Students are placed into a health care facility for 200 hrs. unpaid supervised extern. Students to perform procedures learned in the program. Students are evaluated twice during the externship. Students must return all pages for grades.

MA 2830 Med. Admin. Assist. Externship 2
Prereq: Successful completion of required courses w/C. Students are placed into a health care facility for 160 hrs. unpaid supervised extern. Students to perform procedures learned in the program. Students are evaluated twice during the extern. Students must return all pages for grades.

MA 2990 Spcial Radiological Procedures 1-3
Prereq: MA 2540, MA2550 or instructor's approval. Study of anatomy, proper patient positioning, setting tech factors and evaluation of radiographs of the cervical, thoracic and lumbar spine, skulls and paranasal cavities. Credits: 1 for skull; 1 for spines; 1 for paranasal sinuses.

MAT 1500 Manual Machining 3
Prereq: Concurrent with MAT 1510 or MAT 1510. Basic machine shop theory including operation and performance of lathes and mills.

MAT 1510 Manual Machining Lab 1
Prereq: Concurrent with MAT 1500 Laboratory application of manual machine shop principles taught in MAT1500 including lathes and mills.

MAT 1570 CAD/CAM 2
Prereq: EDDT 1040, MAT 1500, MAT 1510. CNC programming using CAD/CAM software to build solid models and the code to drive the cutter paths. Students will gain experience in the machinist role of industry as they work on a project as members of a design team that includes manufacturing and design students.

MAT 1600 CNC Machine Theory 3
Prereq: Concurrent with MAT 1610. Basic CNC machine Shop theory including G & M Programming, operation, and performance of CNC lathes and mills.

MAT 1610 CNC Machining Lab 1
Prereq: Concurrent with MAT 1600. Laboratory application of principles taught in MAT1600 including programming and operation of CNC laths and mills.

MAT 2650 CAD/CAM 2
Prereq: EDDT 2540 or with EDDT 2540, EDDT 2600. Design using CAD/CAM software. Students will gain experience in the engineering/designer role in industry as members of a project design team in collaboration w/ machining students. Includes assembly design, documentation, tolerance studies and inspection.

MATH 0900 Basic Mathematics 3
An introduction to basic mathematics, including operations with whole numbers, fractions, decimals, proportions, and percentages.

MATH 0920 Developmental Math 6
Includes whole numbers, fractions, decimals, proportions, percents and basic geometry. It also includes integers, linear equations, polynomials, and graphing. Computer-assisted instruction is available.

MATH 0950 Pre-Algebra 3
Prereq: A C or better in MATH 0900 or appropriate CPT score. Includes integers, linear equations, polynomials, and graphing. It also includes a review of fractions, decimals, and percents. Computer-assisted instruction is available. Course may include a service-learning component.

COURSE DESCRIPTIONS

MATH 0975 Elementary Algebra Workshop 1
Prereq: Concurrent with MATH 0970. Designed to be a supplement to MATH 0970. Includes linear equations, systems, polynomials, factoring, graphing, and inequalities. Also includes rational and radical expressions and equations.

MATH 0990 Elementary Algebra 4
Prereq: MATH 0950 OR MATH 0920, C or better -OR- CPT Elem. Algebra score of 40-53 AND CPT Arithmetic score of 75 or higher -OR- ACT score of 15 or better. Includes linear equations, systems, polynomials, factoring, graphing, and inequalities. It also includes rational and radical expressions and equations. Computer-assisted instruction is available.

MATH 0995 Elementary Algebra Workshop 1
Prereq: Concurrent with MATH 0990. designed to be a supplement to MATH 0990. Includes linear equations, systems, polynomials, factoring, & inequalities. Also includes rational and radical expressions and equations.

MATH 1010 Intermediate Algebra (QS) 4
Prereq: MATH 0970 with C or appropriate CPT score. Linear and quadratic equations; inequities; polynomials; rational expressions; radicals; negative and rational exponents; complex numbers; linear systems; introduction to functions; logarithms; and exponential functions.

MATH 1020 Math for Health Disciplines 3
Prereq: MATH 0950 or MATH 0920 or appropriate CPT score. A general review of mathematics; introductory algebra, geometry; measurements systems; drug dosage calculations; and intravenous fluid administration. This course does not satisfy general ed. requirements for transfer students.

MATH 1030 Quantitative Reasoning (QL) 3
Prereq: MATH 1010 with C or appropriate CPT score. The course focuses on the development of analytical thinking through the application of math to real-life problems. Topics include modeling, logic, financial math, probability, statistics, and geometry.

MATH 1040 Intro to Statistics (QL) 3
Prereq: MATH 1010 with C or appropriate CPT score. Descriptive and inferential statistical methods. Emphasis on sampling design; descriptive statistics; linear regression & correlation; probability; sampling distributions; hypothesis testing and confidence intervals.

MATH 1050 College Algebra (QL) 4
Prereq: MATH 1010 with C or appropriate CPT score. College Algebra satisfies quantitative literacy requirements for students planning to take calculus. Topics: polynomial, rational, exponential, and logarithmic functions; matrices; conics; sequences and series; and mathematical induction. Certain sections taught using service-learning.

MATH 1060 Trigonometry 3
Prereq: MATH 1050 with C or appropriate CPT score. Trigonometric functions and their graphs developed using circular and triangular methods including inverses; polar coordinates; and an introduction to vectors.

MATH 1065 Survey of Pre-Calculus 3
Prereq: MATH 1060 with "C" or better or department approval. A refresher course for those who need a review of MATH 1050 and MATH 1060 before taking Calculus. This course does not satisfy the quantitative literacy requirement for transfer students nor is it a required course for any program.

MATH 1090 College Algebra-Business (QL) 3
Prereq: MATH 1010 with C or appropriate CPT score. Topics include: graphs, linear, quadratic, logarithmic, and exponential functions; matrices; systems of equations and inequalities; leontieff models; compound interest; geometric and arithmetic series, loans and annuities.

MATH 1210 Calculus I 4
Prereq: MATH 1060 with a C or above. Topics include: limits; derivatives of algebraic and transcendental functions; applications of differentiation. Integration is introduced with the Fundamental Theorem of Calculus and the technique of substitution.

MATH 1220 Calculus II 4
Prereq: MATH 1210 with a C or above. Topics include applications and techniques of integration; parametric equations and polar coordinates; Taylor and power series, and 3-dimensional analytical geometry and vectors. Certain sections taught using service-learning.

MATH 2000 Math CO-OP 1-2
Prereq: Sophomore standing with GPA of 2.0, study-related employment and approval of Director of Cooperative Education. Standard CO-OP.

MATH 2010 Math for Elem. Teachers I 3
Prereq: MATH 1050 with a C or above. Topics include problem-solving techniques; sets and logic; number theory including properties and operations; mental arithmetic; estimation; and topics in algebra. Technology projects, and manipulatives are utilized in this course.

MATH 2020 Math for Elem. Teachers II 3
Prereq: MATH 2010. Topics include probability; statistics; measurement; two- and three-dimensional geometry including tessellations, euclidian constructions, and transformations. Pedagogical procedures of Math 2010 are continued in this course.

MATH 2210 Multivariate Calculus 3
Prereq: MATH 1220 with a C or above. This is the third semester of the calculus series. Topics include partial derivatives, multiple integrals, curves and surfaces; vector calculus including Green's and Stoke's theorems.

MATH 2250 Differential Eq/Linear Algebra 3
Prereq: MATH 1220 with a C or above. Ordinary differential equations with applications to mechanics, electrical circuits, and populations; qualitative analysis; intro. to numerical methods; Laplace transforms; linear algebra applied to solution spaces, systems of DEs.

MATH 2270 Linear Algebra 4
Prereq: MATH 1220 with a C or above. Theory and application of matrices, linear systems, determinants, inverses, vector spaces, linear independence, linear transformations, eigenvalues and eigenvectors, diagonalization, least squares approximation. Includes computer projects.

MATH 2900 Spec Topics 1-3

MEEN 1050 Design & Visual Communications 3
Prereq: Drafting experience or education. The design process, sketching, three-dimensional visualization and communication, engineering drawing, CAD systems, data presentation and computer graphics are discussed in this class.

MEEN 2000 Cooperative Education 1-2
Prereq: Sophomore standing with 2.0 GPA and approval. A supervised work experience in a business, industrial or government related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new learning related to the major.

MEEN 2010 Statics 3
Prereq: MATH 1210, PHYS 2210. Principles of forces, moments & couples; resultant & static equilibrium of general force systems; statically equivalent systems, center of gravity & pressure; friction; free body method of analysis. Principles applied to engr. problems.

MEEN 2020 Dynamics I 2
Prereq: MEEN 2010. Position, velocity and acceleration, vector calculus, particle kinematics, kinetics of particles, including Newton's Laws, conservation of momentum and energy, and impact vibratory motion of particles are covered.

MEEN 2060 Dynamics II 2
Prereq: MEEN 2020, MATH 2250. This course examines Kinetics & Kinematics of rigid bodies in 2-D and 3-D motion. It also covers moving frames, 3-D mass moment of inertia, conservation of momentum, energy, impact and an introduction to vibration analysis of mechanical systems.

MEEN 2140 Strength of Materials I 2
Prereq: MEEN 2010, concurrent w/ MEEN 2145 and MATH 2250. Internal forces in members, concept of stress and strain, axial loading, Hooke's Law, torsion, pure bending, traverse loading, transformations of stress and strain, pressure vessels, beam deflection and column bending are discussed.

MEEN 2145 Strength of Materials Lab 1
Prereq: Concurrent with MEEN 2145. This is an introductory laboratory in mechanical behavior of materials using basic testing methods and instrumentation, column bending, tension and compression of metals, concrete failure, Charpy's Impact, and creep tests.

MEEN 2300 Engineering Thermodynamics 2
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

MEEN 2450 Numerical Techniques 2
Prereq: CS 1050, MATH 2250. Order of convergence; error accumulation; root finding; solution of linear and nonlinear equations; numerical integration and differentiation. Solutions to ordinary and partial differential equations will be discussed.

MEEN 2650 Engr. Manufacturing with Lab 4
Prereq: MEEN 2010, MEEN 2140. Structures and properties of ferrous and nonferrous materials, casting, forging, welding, heat treating, machining, grinding, numerical control, robotics, and economic analysis will be covered.

MEEN 2900 Special Topics-Mech. Engr. 1-3
Special Topics in Mechanical Engineering.

MET 1010 Intro to Meteorology (PS) 3
Meteorology introduces the characteristics and dynamics of the atmosphere and their daily application. Food, clothing, shelter, economics, & recreational activities are representative samplings of human activities affected by climate.

MGT 1020 Distribution Systems 3
Principles of transportation systems, understanding the economic, political and social functions of transportation in the economy. Inflow, outflow, warehousing and their role in the physical distribution process is taught.

MGT 1040 Business Ethics 3
To develop business ethics knowledge, students engage in critical thinking, reading, writing, and discussion; in analyzing and evaluating case studies; in making and presenting effective arguments and analyses; and in conducting team research or service-learning projects.

MGT 1100 Small Business Management 3
Meet needs of ATE programs in Small Business Management. Educates students in Vocational programs about small business management/ownership fundamentals. Curriculum learning will be industry specific.

MGT 1600 Management Essentials 3
Focus on management essentials for entry-level managers. Emphasis on management concepts and functions, also motivation, leadership, team building. Includes casework, presentations, group work and exams.

MGT 2000 Business Management CO-OP Ed 1-3
Prereq: Sophomore standing, 2.0 GPA, related employment. Supervised work experience in business, industrial or government environment related to program major. Credit for specific learning objectives that provide new learning that is related to program major.

MGT 2020 Entrepreneurship 3
Prereq: BUS 1050, MKTG 1030, ACCT 1210. Introduction to small business planning, capitalization, borrowing, taxes, purchasing, personnel, organization and location. Students will complete a business plan with strategic, marketing and financial components.

MGT 2040 Business Statistics I 4
Prereq: BUS 1050, MATH 1010 or FIN 1380, and CIS 1020. Collection, analysis, and interpretation of business and economic data. Includes measures of location and dispersion, estimation and hypothesis testing, ANOVA, contingency tables, correlation, and regression. Computer for projects/cases.

MGT 2050 Legal Environment of Business 3
Prereq: BUS 1050. Principles of business law, including torts, contracts, agency and commercial law. Business forms including sole proprietorship, partnerships and corporations are explored along with common legal problems encountered in business.

MGT 2070 Human Resource Management 3
Prereq: BUS 1050. Management issues inherent to developing human potential within organization. Practical application projects: process job analysis, recruitment, selection, performance appraisals, development, reward systems, benefits, separations.

MGT 2080 Employment Law 3
Prereq: BUS 1050. Employment laws including CRA '64, CRA '91, ADA, ADEA, FLSA. Supreme court decisions, legislation, executive orders and regulations examined relevant to organizational topics, processes and management decisions.

MGT 2350 Business Statistics II 3
Prereq: MGT 2040, MATH 1050 or MATH 1090. Analytical methods for decision making in business. Topics include hypothesis testing, ANOVA, design of experiments, goodness-of-fit, multiple-regression, statistical process control, and Six-Sigma as a unifying framework. Computer cases are essential part of this course.

MGT 2500 Strategic Management Principle 3
Prereq: BUS 2200, MGT 2070. Management theories and functions explored in greater depth. Discussion focused on theory and practicality of change in business today. Implementation and consequences of management decisions and communication emphasized.

MGT 2600 International Trade/Business 3
Prereq: BUS 1050 or ECON 2020. International business from a practitioner's perspective. Emphasis on exporting/importing, financing, sources and commercial paper, export credit insurance, export trading companies, mechanics of foreign freight shipping & patents.

MGT 2700 Production & Operations Mgmt. 3
Prereq: MATH 1050 OR MATH 1090 AND MGT 2340 AND MGT 2350. Deals with the management of an organization's productive resources or its production system. The strategic, operating & control decisions required to create products & services; and computer applications & related models will be covered.

MGT 2710 Quality Control & Six Sigma 3
Prereq: MGT 2340 and MGT 2350. Due to recent globalization and increasing customer quality requirements, the need for high quality/ low cost products & services is critical to survival in today's business. Course covers Six Sigma quality concepts, including the DMAIC process.

MGT 2720 Supply Chain Design & Mgmt. 3
Prereq: MGT 2700. Focus is on the design, analysis and management of supply chain networks business entities use to acquire, produce, & deliver goods & services globally; & on decision support systems as the connector of supply chain integration.

MGT 2730 Lean Production 3
Prereq: MGT 2700 and MGT 2710. Focus is on identifying & eliminating waste from business processes. Topics include seven types of waste, waste elimination, value stream mapping, cycle time reduction, & the relationship between lean production, total quality and Six Sigma.

MGT 2740 Logistics & E-Business 3
Prereq: MGT 2700, MGT 2720. Students develop an understanding of concepts, methods and design of global supply chain networks. Covers global perspectives of global competition, Global sourcing, Global Service Issues, & E-Business as it relates to globalization.

MGT 2950 Entrepreneurship Forum 1
Speakers selected from successful business owners across Wasatch Front will share experiences in business. Students are given the benefit of wisdom acquired through the school of hard knocks.

MGT 2960 Entrepreneurship Forum 1
Prereq: MGT 2950. Speakers selected from successful business owners across the Wasatch Front will share experiences in business. Students are given the benefit of wisdom acquired through the school of hard knocks.

MGT 2990 Current Topics in Management 1-3
Prereq: Variable. Course will vary semester to semester; will present a forum where students will be introduced to topics of current interest and worth in the field of management.

MGT 2999 Current Topics 1-3
Prereq: Variable. Topics include Production/Operations Planning and Control, Project Management, Inventory Management, Economic Analysis, Work Design/ Measurement, Management of Automated Manufacturing Systems, and Introduction to Enterprise Resource Planning (ERP.)

COURSE DESCRIPTIONS

MIL 1110 Millwright IA 5
Use and safe practices for tools and equipment including hand and power tools. Mathematics, including formulas and angles, layout, and precision measuring. Fiber ropes including uses and safe handling.

MIL 1120 Millwright IB 5
Blueprint reading, precision measuring, and precision layout tools. Oxy-acetylene cutting, plasma arc cutting, and carbon arc cutting. Welding metallurgy and prints.

MIL 1210 Millwright 2A 5
This course provides training in shielded metal arc, MIG, and TIG welding practices and procedures. Included are tasks in layout, fabrication, and cutting. Rigging hardware and practical application.

MIL 1220 Millwright 2B 5
Cribbing, moving, and installation of machinery. Optic and transit level use and theory. Sole plates, power rigging, conveyors, and pump components will be presented.

MIL 2310 Millwright 3A 5
Single and double belt conveyors, roller, slider bed, table top, trough, and monorail. Belt splicing, leveling instruments including precision leveling. Advanced blueprint reading, rotary pumps, packings, and inspections.

MIL 2320 Millwright 3B 5
Course work presented includes gear boxes, bearings, shafts and keys. Hubs, clutches and couplings, drive systems including sprockets and chains. Belts and sheaves, calculating speeds, and coupling alignment included.

MIL 2410 Millwright 4A 5
Four levels of coupling alignment and two levels of reverse alignment are presented. Laser alignment and basic electricity are presented.

MIL 2420 Millwright 4B 5
Course study includes hydraulics, pneumatics, air compressor and sweat couplings. Turbine components and intermediate transit work and leveling. Electronics and controls are presented in this course.

MKTG 1010 Customer Service Tech. (HR) 2
This course studies the basic service skills in business. It looks at the management of conflict, stress, professionalism, time management, and telephone usage. It deals with internal & external customer service concepts.

MKTG 1030 Introduction To Marketing 3
Students receive a basic understanding of marketing principles and consumer-to-business relationships that influence consumer behavior. This course may be taught with a service-learning component.

MKTG 1050 Consumerism (ID) 3
This course explores marketing from the consumer's perspective. Students will learn to critically evaluate messages communicated through marketing media and determine the impact on individual behavior and society as a whole.

MKTG 1070 Promotion 3
Concentration on the promotional mix of advertising, publicity, personal selling and sales promotion. Creativity, planning, and budgeting skills are established through development of a promotional campaign.

MKTG 1090 Retail Management 3
Research of retail businesses will allow students to apply retail concepts of merchandise management, assortment, pricing, visuals, etc. Presentation of the accumulated research will further strengthen understanding of concepts.

MKTG 1300 Business Presentations 2
Prereq: CIS 1020 or competency test. This course explores visual and oral communication methods which focus on professional presentation skills and their application to the field of business, while offering a variety of presentations methods.

MKTG 1480 Sales 3
Emphasis is placed on pre-approach, needs, benefits, objections and closes. Students experience basic techniques through participation in a series of simulated sales calls.

MKTG 1900 Special Projects (DEX) 2
Students apply marketing management techniques and strategies to a variety of projects and activities. Four basic objectives: vocational understanding, leadership development, civic consciousness and social intelligence.

MKTG 1910 Event Marketing 3
This course focuses on planning and implementing events such as trade shows, conferences and large promotions. A group student project will bring personnel managers and company officials on campus for a one-day trade fair.

MKTG 1960 Professionalism in Bus. (HR) 3
This course provides a study of interpersonal and business survival skills including human relations, communication, motivation, self-disclosure, team building, transactional analysis, coping with change, and much more.

MKTG 2000 Marketing CO-OP Education 1-3
Prereq: Sophomore status and instructor's approval. Students use in-class and on-the-job training for college credit and a regular salary. This is program-related work in the major field. Credit is awarded for completion of specific learning objectives in the program major.

MKTG 2100 Marketing Info Management 3
Prereq: MKTG 1030. Students learn the methods of gathering data to make marketing decisions, using various tools to develop questionnaires, set up focus groups, and analyze data for marketing decision-making.

MKTG 2120 Product and Pricing Strategies 3
Prereq: MKTG 1030. As a group project, students will develop a new product or service. Students will apply the concepts of market research, packaging, design, pricing, suppliers, etc. Completion of the project includes a presentation of the product.

MKTG 2360 Business to Business 3
Prereq: MKTG 1030. Course provides attention to the planning process and to the products, distribution, pricing, support functions, selling, advertising, promotion in business to business marketing.

MKTG 2400 International Marketing 3
Prereq: MKTG 1030, ECON 2020. Students learn the unique issues facing marketing professionals doing business in the global marketplace. Students develop strategies for dealing with cultural and language differences encountered in international marketing.

MKTG 2500 Principles of Marketing 3
Prereq: MKTG 1070, MKTG 1090 or MKTG 2360, MKTG 2100. This is a synthesis of marketing theory and practical application of marketing techniques to strategic planning and marketing plan management.

MKTG 2810 e-Commerce Design /Implement 3
Prereq: MKTG 1030, MKTG 1480 or concurrent. Students will enlarge skills by designing and managing an E-commerce project using skills from sales fundamentals and marketing, accounting, customer service, CIS, and general business management.

MKTG 2990 Current Topics in Marketing 1-3
Prereq: Variable to topic or project. Students develop special projects related to topics

MLS 1010 Leadership Discovery I 2
Focus on assessing an individual's leadership abilities. Classroom instruction and other activities include land navigation, rappelling, marksmanship, water survival and river rafting. Must participate in one/two hour lab weekly.

MLS 1020 Leadership Discovery II 2
Continued leadership development and confidence building. Activities include helicopter operations, squad and platoon exercises. Student must participate in a one or two hour lab weekly.

MLS 1060 Military Physical Readiness 1
Program to prepare students for the rigors of military service through a systematic physical-conditioning program. emphasis on cardiovascular and muscular development. Must be enrolled in MLS1010/1020/2010 or 2020. Can be repeated.

MLS 2010 Leadership Challenge I 3
Student develops leadership and management skills with an emphasis on problem solving and decision making skills. Training includes land navigation, marksmanship, rappelling and river rafting.

MLS 2020 Leadership Challenge II 3
Continued leadership and management skills development. Decision making skills will be developed during field exercises. Activities include helicopter operations, squad and platoon exercises.

MLS 2950 Basic Independent Study 2-3
A course of study that combines key elements of MLS 1000/2000 level courses. The purpose is to qualify students for advanced course. This course is for students who have missed one semester of MLS 1000/2000 level classes.

MLT 1010 Diagnostic Med and the Lab 2
Course is designed to increase students general knowledge of the significance of the medical lab. Focus is on correlation of lab test results with clinical diagnosis and promotion of lab medicine.

MLT 1620 Intro To Med Lab Science 1
Prereq: Admission to program. This course discusses principles of microscopy, lab math, reagent preparation and lab safety. Includes lab session so students may perform various lab techniques.

MLT 1700 Prin./Practice of Phlebotomy 3
This course consists of discussions of the principles and practice of blood collection. Venipuncture technique is included.

MLT 2200 Clinical Chemistry 4
Prereq: Instructor's approval. General lab principles, math and statistics, safety, specimen collection/transport requirements, quality control principles, instrumentation and chemical procedures for blood/urine. Includes lab.

MLT 2300 Hematology 3
Prereq: Instructor's approval. This course focuses on the origins, morphology, biochemistry and function of blood cells. The laboratory evaluation of hematologic disorders is discussed. Laboratory sessions help to develop diagnostic skills.

MLT 2310 Coagulation 2
Prereq: MLT 2300. This course discusses hemostatic disorders, associated clinical symptoms and the appropriate laboratory evaluation necessary for diagnosis. Laboratory sessions help to develop diagnostic skills.

MLT 2400 Immunohematology 4
Prereq: Instructor's approval. Historical, practical and theoretical aspects of blood group serology and its clinical applications.

MLT 2500 Pathogenic Microbiology 5
Prereq: Instructor's approval. This course is a basic overview of medical microbiology - bacteria, viruses, fungi, and parasites. The focus is on isolation and identification of organisms. Includes laboratory sessions.

MLT 2700 Immunology 3
Prereq: Instructor's approval. Study of the immune system as it relates to the human body's defense against foreign substances.

MLT 2850 Body Fluids 2
Prereq: Instructor's approval. Review of various body fluids such as effusions, spinal fluids, synovial fluid and urine. Emphasis is placed on renal function and urinalysis. Includes lab.

MLT 2900 Applied Clinical Chemistry 3
Prereq: Instructor's approval. Routine chemical analysis of blood and other fluids in defining diagnoses and detecting unknown diseases.

MLT 2910 Applied Clinical Coagulation 1
Prereq: Instructor's approval. Performance and discussion of procedures that diagnose bleeding disorders, assess anticoagulant therapy and identify patients at risk for thrombosis.

MLT 2920 Applied Clinical Hematology 3
Prereq: Instructor's approval. Performing tests to establish at hematologic diagnosis, detect unsuspected disease or monitor effects of treatment protocols.

MLT 2930 Applied Clinical Blood Bank 3
Prereq: Instructor's approval. Applying principles of blood-donor history, component preparation, compatibility testing and antibody screening and identification.

MLT 2940 Applied Clinical Immunolog 1
Prereq: Instructor's approval. Performing immunologic procedures used to diagnose diseases.

MLT 2950 Applied Clinical Microbiology 3
Prereq: Instructor's approval. Practicum in hospital microbiology laboratory. Student identifies common pathogens- bacteria, viruses, parasites, fungi, mycobacteria, anaerobes-and uses modern techniques and instruments.

MLT 2960 Special Topics 1
Prereq: Instructor's approval. This course is designed to develop professional skills, including critical thinking, decision making and troubleshooting. Students are encouraged to think in an interdisciplinary manner and develop ethical standards.

MORT 1010 Intro to Mortuary Science 3
Introductory course to mortuary science including studies of ancient/historical development, caskets/burial cases, early anatomists/undertakers and their role in history/embalming. Basic equipment/practical embalming theory will be taught.

MORT 1200 Mortuary Law & Ethics 3
Business/legal principals affecting mortuary practice will be surveyed with specific emphasis on forms of business organization, law of sales, funeral disclosure rules, legal duties of funeral service provider. Ethics emphasized.

MOTO 1111 Engine Fundamentals & Repair 3
Prereq: Concurrent with MOTO 1112. A comprehensive program consisting of safety, proper use of shop tools, fasteners, fuels, lubricants & coolants, 2 & 4 stroke engine theory, proper use of reference materials, and physical principles of engine operation.

MOTO 1112 Engine Fund. & Repair Lab 6
Prereq: Concurrent with MOTO 1111. Hands-on component of the fundamentals learned in MOTO 1111.

MOTO 1121 Motorcycle/OPE Electrical 1
Prereq: concurrent with MOTO 1122. This course will train technicians in electrical theory and proper diagnosis and repair of chassis harnesses, charging, starting and lighting systems. Students will also be taught trailer wiring.

MOTO 1122 Motorcycle/OPE Electrical Lab 2
Prereq: Concurrent with MOTO 1121. Hands-on component of fundamentals learned in MOTO 1121.

MOTO 1131 M/C & OPE Engine Performance 2
Prereq: Concurrent with MOTO 1132. A course to teach carburetor, fuel injection and ignition theory, diagnostic, repair and tuning.

MOTO 1132 M/C & OPE Engine Perform Lab 3
Prereq: Concurrent with MOTO 1131. Hands-on component of fundamentals learned in MOTO 1131.

MOTO 1141 M/C & OPE Drive Train/Chassis 2
Prereq: Concurrent with MOTO 1142. This course is designed to teach technicians transmissions (both belt and gear), clutch, final drive, brake, and suspension system diagnosis and repair.

MOTO 1142 M/C & OPE Drive Train Lab 5
Prereq: Concurrent with MOTO 1141. Hands-on component of fundamentals learned in MOTO 1141.

MSE 2000 Cooperative Education 1-2
Prereq: Sophomore Standing w/minimum 2.0 GPA and approval. This is a supervised work experience in a business, industrial or government environment, related to the program major. Credit is awarded for successful completion of specified learning objectives.

MSE 2010 Intro to Materials Sci. Eng. 4
Prereq: CHEM 1220. An introduction to materials science for majors. The five material categories; metals, ceramics, polymers, composites, semiconductors are introduced. Concepts are reinforced in laboratory experiences.

MSE 2160 Elements of Materials Sci Engr 3
Prereq: CHEM 1210. The five classes of materials; metals, ceramics, polymers, composites and semiconductors are introduced. The effect of structure on material properties is explored on both the macroscopic and microscopic level.

MSE 2170 Elem of Mat Sci for Civil Eng. 1.5
Prereq: CHEM 1210. Five classes of materials (metals, ceramics, polymers, composites & semiconductors) are introduced. The effect of structure on material properties is explored on both the macroscopic and microscopic level. For civil eng. majors.

MSE 2210 Electronic Prop. of Materials 3
Prereq: CHEM 1220, MSE 2010, PHY 2220. Physics and fabrication of semiconductor devices including silicon integrated circuits, superconducting magnetic and dielectronic materials will be studied.

COURSE DESCRIPTIONS

MSE 2410	Introduction to Polymers	3
Prereq: CHEM 1220, MSE 2010. Commercial polymers will be introduced. Students will obtain an awareness and working understanding of the broad field of polymer science.		
MSE 2900	Special Topics-Mat. Sci. Engr.	1-3
Prereq: Based on the special topic. Special topics in Material Science Engineering.		
MSI 1110	Machinist IA	5
Safety in the work place and with tools and equipment, math for machining lathes, feeding and speeds, threading tools and grinding.		
MSI 1120	Machinist IB	5
Prereq: MSI 1110. This is a continued applied math for machinists, metric units, tolerances and clearances. Blueprint reading, welding and applied symbols, lathe turning tapers, job planning and layout will be reviewed.		
MSI 1210	Machinist IIA	5
Prereq: MSI 1120. Applied algebraic operations and equations, datums, dimensioning; and applied geometric dimensioning with millwork fees, speeds and set-ups will be studied.		
MSI 1220	Machinist IIB	5
Prereq: MSI 1210. Math for machinists including ratio and proportion, application of formulas to cutting and revolutions. Spur gears, graphic technology, sketching and basic forms with gear cutting.		
MSI 2000	Machinist CO-OP	2-4
Prereq: Instructor's approval. College credit given for experience on the job site. Arranged in advance. Requirements are determined by the employer.		
MSI 2310	Machinist IIIA	5
Prereq: MSI 1220. This is an introduction to geometric figures and principles. Fundamental construction with orthographic projection, specialty views and continued tool cutting and grinding will be taught.		
MSI 2320	Machinist IIIB	5
Prereq: Instructor's approval. Introduction to trigonometric functions with practical machine application including threaded fasteners. An introduction to numerically controlled (NC) and computerized numerically controlled (CNC) operations.		
MSI 2410	Machinist IVA	5
Prereq: MSI 2320. This is a study of compound angles, drilling and boring compound angular holes, rotation tilt pipe threads. Identification of materials, dove tails casting and use of NC and CNC machines will be covered.		
MSI 2420	Machinist IVB	5
Prereq: MSI 2410. This is an applied application to numerical control point-to-point programming and binary numeration systems. Structural steel shapes and welding worm gearing with use of NC machines will be stressed.		
MUSC 0990	Recital Attendance	0
Attendance at departmental recitals during the semester. Required for all music majors.		
MUSC 1010	Introduction to Music (FA)	3
An introductory survey of Western music from chant to jazz highlighting major contributions from the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and American musical styles.		
MUSC 1030	Survey of Jazz (FA)	3
A chronology of jazz from its roots in blues and ragtime to swing, bebop, fusion, and funk.		
MUSC 1040	Survey/American Popular Music	3
An exploration of American popular music including Tin Pan Alley, Blues, Jazz, Country, Rock, Gospel, Soul, Rap, and music of the new millennium.		
MUSC 1050	Songwriting I	2
Learn songwriting skills including song forms, melody and text. Students will use MIDI technology to produce recordings of their songs.		
MUSC 1060	Songwriting II	2
Prereq: MUSC 1050. Second semester of songwriting and MIDI skills. Students apply these skills to their original music.		

MUSC 1080	Intro to World Music	3
A survey of non-Western musics of the world including Native America, Africa, India, Indonesia, Japan, and Latin America.		
MUSC 1090	Bridging the Arts (FA)	3
Course examines the interconnectedness of art, dance, music, and theatre by investigating the artistic elements and common thread within the creative process to develop an informed appreciation for one's own artistic values.		
MUSC 1100	Introduction to Music Theory	2
A beginning music course covering music notation, key signatures, scales, intervals, triads and seventh chords. Students will learn to identify intervals and chords by their sound.		
MUSC 1110	Music Theory I	3
Prereq: Concurrent with MUSC 1100. Students will review music fundamentals, study counterpoint and beginning four-part harmony, and voice leading. Students must earn a B- or higher grade to transfer to a four-year institution.		
MUSC 1120	Music Theory II	3
Prereq: MUSC 1110, concurrent with MUSC 1140. Second semester music theory. Continued study of four-part harmony and voice leading. Students must earn a B- grade or higher to transfer to a four-year institution.		
MUSC 1130	Sightsinging and Eartraining I	1
Prereq: Concurrent with MUSC 1110. A beginning course in developing aural skills in music. It includes intervals, triads, cadences, rhythmic and melodic dictation and sightsinging. Students must earn a B- or higher grade to transfer to a four-year institution.		
MUSC 1140	Sightsinging /Eartraining II	1
Prereq: MUSC 1130, concurrent with MUSC 1120. Continuation of MUSC 1130. Coursework includes triads, triad inversions, chord progressions and rhythmic, melodic and two and four-part dictation. Students must earn a B-grade or better to transfer to a four-year institution.		
MUSC 1145	Introduction to Piano	2
Beginning piano instruction in a group setting for non-music majors.		
MUSC 1150	Group Piano I	1
First semester of beginning piano instruction in a group setting for music majors.		
MUSC 1160	Group Piano II	1
Prereq: MUSC 1150 or instructor approval. Second semester of beginning piano instruction in a group setting for music majors.		
MUSC 1210	Music History I (FA)	3
A music history course taught in context with other arts, literature, and ideas of the times. This class covers the Middle Ages to Beethoven.		
MUSC 1220	Music History II (FA)	3
A music history course taught in context with the other arts, literature, and ideas of the times. It covers Beethoven to the present.		
MUSC 1310	Group Voice	2
Individual student vocal skills developed in a group setting. Music fundamentals are introduced.		
MUSC 1350	College Chorale	1
A non-audition choir. Teaches choral singing skills. Open to all students who would like to sing. May be repeated for credit.		
MUSC 1360	College Chorale	0
Same as MUSC 1350 with no credit. Special fee required.		
MUSC 1370	Concert Choir	1
Prereq: Audition. A large four-part select ensemble that specializes in large choral/orchestral works by major composers. Participation in Concert Choir meets the ensemble requirements for a music degree and may be repeated for credit.		
MUSC 1380	Chamber Singers	1
Prereq: Audition. A select mixed-voice chamber choir that performs smaller works from all stylistic periods. Concurrent participation in Concert Choir is a requirement for membership in Chamber Singers. May be repeated for credit.		

MUSC 1390	South City Jazz	1
Prereq: Audition. A highly select vocal ensemble devoted to performing contemporary music of exceptional quality. Concurrent participation in Concert Choir is a requirement for membership in South City Jazz. May be repeated for credit.		
MUSC 1410	Bell Choir	1
Prereq: Ability to read music. A performing ensemble of 12-15 ringers for the purpose of developing music skills and to perform for the College and community. Ability to read music required; previous experience not required. All majors welcome.		
MUSC 1420	Eight Bells	1
Prereq: Experience in bell ringing, instructor permission. A small performing ensemble of experienced ringers. More difficult music and ringing techniques will be employed. All majors welcome.		
MUSC 1450	Band	1
A pep band for basketball and other College activities.		
MUSC 1460	Chamber Orchestra	1
Prereq: Audition. A chamber orchestra that performs music of a variety of styles at various College functions.		
MUSC 1470	Jazz Band	1
Prereq: Audition. A jazz band that will work on individual skills and ensemble jazz performance.		
MUSC 1480	Guitar Ensemble	1
Prereq: Audition. A performing guitar ensemble for intermediate to advanced students.		
MUSC 1610	Group Guitar I	2
Beginning guitar in a group setting. Includes basic chords in open position, strumming, finger style accompaniment patterns, standard notation, transposition and construction of chord progressions.		
MUSC 1620	Group Guitar II	2
Prereq: MUSC 1610. Intermediate level guitar in a group setting. Includes chords with added bass notes, bar chords, single note melodies, combining notes and chords, tablature and improvisation.		
MUSC 1660	Fretboard Theory I	2
Music theory for guitar. Includes scales, intervals, triads, seventh chords, harmonizing simple melodies and basic rhythm reading.		
MUSC 1670	Fretboard Theory II	2
Prereq: MUSC 1660. Music theory for guitar. Includes scales, intervals, triads and seventh chord relationships, non-harmonic tones, phrase structures, cadences, secondary dominate and modulations. Popular and classic styles.		
MUSC 1710	Private Guitar	1
Twelve individual one-half hour guitar lessons. Additional fee is required.		
MUSC 1730	Private Piano Instruction	1
Twelve individual one-half hour piano lessons for non- beginning pianists. One hour daily practice is required. Additional fee is required.		
MUSC 1750	Private Voice	1
Twelve individual one-half hour voice lessons. Students study proper vocal production, technique and development in several styles of literature. Additional fee is required.		
MUSC 1770	Private Percussion	1
Twelve individual half-hour percussion lessons. Additional fee is required.		
MUSC 1900	Special Studies	1-3
Prereq: Instructor approval. Students plan their areas of work or performance with the instructor on an individual basis.		
MUSC 2110	Music Theory III	3
Prereq: MUSC 1120, concurrent with MUSC 2130. Student will continue study of four-part harmony and voice leading. Students must earn a B- grade or higher to transfer to a four-year institution.		
MUSC 2120	Music Theory IV	3
Prereq: MUSC 2110, concurrent with MUSC 2140. This class covers 20th century music techniques. Students must earn a B- grade or higher to transfer to a four-year institution.		

MUSC 2130	Sightsinging/Eartraining III	1
Prereq: MUSC 1120, concurrent with MUSC 2110. Student will continue study of aural and writing skills in music from the materials in MUSC 2110. Students must earn a B- grade or higher to transfer to a four-year institution.		
MUSC 2140	Sightsinging/Eartraining IV	1
Prereq: MUSC 2130, concurrent with MUSC 2120. Covers aural and writing skills of 20th century music. Students must earn a B- grade or higher to transfer to a four-year institution.		
MUSC 2350	Conducting Fundamentals	2
Prereq: MUSC 1120. The fundamentals of conducting music, including beat patterns, baton technique, score reading, cuing, subdivisions, fermatas and releases. The class will function as an ensemble and each student will conduct the group.		
MUSC 2900	Special Topics	1-3
Prereq: Department approval. A course in which students explore specific areas of interest under faculty direction.		
MUSC 2990	Fine Arts Project	2
Prereq: Department approval. A collaboration of dance, music, theatre and/or art students to create individual works to be performed.		
NAV 1010	Beginning Navajo I	5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.		
NAV 1020	Beginning Navajo II(LN)	5
Prereq: NAV 1010 or instructor's permission. The second in a four-course series focusing on five skills: listening, speaking, reading, writing and culture; to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.		
NAV 2900	Special Topics in Navajo	1-3
This is a course designed by faculty which allows students to explore specific interests in Navajo language and culture. Lab attendance required. May be repeated for credit.		
NDT 1110	Intro./Non-Destructive Testing	3
An introduction to the five major non-destructive testing methods, certification requirements, inspectors responsibilities, visual testing and the use and operation of gauges.		
NDT 1114	Ultrasonics I	3
Prereq: Concurrent with IND 1120 and NDT 1115. A basic theory of ultrasonic inspection including formulas, methods, applications and limitations.		
NDT 1115	Ultrasonics I Lab	1
Prereq: Concurrent with NDT 1114. Students will learn basic applications of ultrasonic inspection. Emphasis is placed on familiarizing students with the components and controls of ultrasonic equipment and calibration.		
NDT 1120	Magnetic Particle I & II	2
Prereq: Concurrent with NDT 1121. A basic to advanced theory of magnetic particle testing. How magnetizing currents are used, formulas, methods, applications and limitations.		
NDT 1121	Magnetic Particle I & II Lab	1
Prereq: Concurrent with NDT 1120. Students will learn basic and advanced applications of magnetic fields, material sensitivity and equipment calibration.		
NDT 1122	Eddy Current I	3
Prereq: IND 1120, concurrent with NDT 1123. A basic theory of electromagnetic principles, formulas, material applications, methods and limitations.		
NDT 1123	Eddy Current I Lab	1
Prereq: Concurrent with NDT 1122. Emphasis is placed on familiarizing students with controls of eddy current machines and calibration.		
NDT 1130	Radiation Safety	3
Prereq: IND 1120. Students are instructed in the rules and regulations of radiation safety, including the characteristics of X-ray and gamma radiation. Use and operation of equipment, calculations, and NRC requirements.		
NDT 1132	Radiography I	3
Prereq: NDT 1130, IND 1120, concurrent with NDT 1133. A basic theory of radiography, formulas, inspection methods, film processing, material sensitivity applications and limitations.		

COURSE DESCRIPTIONS

NDT 1133 Radiography I Lab 1
Prereq: Concurrent with NDT 1132. This course familiarizes students with the components and controls of radiographic equipment. Students apply each of the techniques on various lab samples. NRC safety regulations are also emphasized.

NDT 1210 Liquid Penetrant I & II 2
Prereq: Concurrent with 1211. A basic to advanced theory of liquid penetrant testing. How liquid penetrants are used, formulas, methods, applications and limitations.

NDT 1211 Liquid Penetrant I & II Lab 1
Prereq: Concurrent with NDT 1210. Students will learn basic and advanced applications of liquid penetrants material sensitivity and equipment calibration.

NDT 1213 Ultrasonics II 3
Prereq: NDT 1114, NDT 1115, concurrent with NDT 1214. This advanced theory of ultrasonic inspection concentrates on codes and standards as they apply to ultrasonics, reporting of test results and developing inspection techniques.

NDT 1214 Ultrasonics II Lab 1
Prereq: Concurrent with NDT 1213. Students perform ultrasonic inspection to applicable codes and standards as they apply techniques developed and special techniques.

NDT 1222 Eddy Current II 2
Prereq: NDT 1122, NDT 1123 concurrent with 1223. This advanced theory of eddy current inspection concentrates on codes and standards as they apply to eddy current testing, reporting of test results and developing techniques.

NDT 1223 Eddy Current II Lab 1
Prereq: Concurrent with NDT 1222. Students perform eddy current inspection to applicable codes and standards, applying techniques developed and special applications.

NDT 1230 Codes and Procedures 2
Prereq: Instructor's approval. Students will learn how to read and interpret a variety of codes including ISO 9712, ASME, API, and ASTM documents.

NDT 1232 Radiography II 3
Prereq: NDT 1132, NDT 1133, concurrent with NDT 1233. This advanced theory of radiographic inspection concentrates on codes and standards as they apply to radiography, reporting of test results and developing techniques.

NDT 1233 Radiography II Lab 1
Prereq: Concurrent with NDT 1232. This advanced course concentrates on film interpretation, multiple film loading techniques and radiographic procedures.

NDT 1234 Advanced NDT Concepts 3
Prereq: Instructor's approval. The study of advanced concepts of NDT including specific methods and applications using radioactive isotopes. Emphasis is placed on procedures and applications.

NSG 1250 Nursing Pharmacology 2
Prereq: Admission to program. Introduces the basic concepts of pharmacology. Utilizing the nursing process, students are introduced to the safe administration of medications to clients across the health continuum.

NSG 1350 Nursing Fundamentals 7
Prereq: BIOL 1610/1625, BIOL 2050/2060. Introduces theories and skills basic to the student assuming the role of provider, manager and member of the nursing profession. Emphasis is placed on introduction to critical thinking and the nursing process.

NSG 1400 Maternal Newborn Nursing 3
Prereq: NSG 1250, NSG 1350, and NSG 2900. Provides a family centered approach to nursing care of the childbearing client and family across the health continuum.

NSG 1500 Nursing Care of Children 3
Prereq: NSG 1350. Introduces students to family centered pediatric nursing care of infants, children, adolescents and their families across the health continuum.

NSG 1700 Medical-Surgical I 5
Prereq: NSG 1350. Builds upon prior curriculum content to introduce the student to basic medical/surgical nursing care across the health continuum. Designated as a service-learning course.

NSG 1800 Transition Into Practical Nur 3
Prereq: Completion of first year of Nursing. Prepares the qualified student to transition into the role of practical nurse. The nursing process and critical thinking skills are utilized in the study and application of contents essential to client care across the health continuum.

NSG 1900 Transition into A.S. Nursing 1
Prereq: Completion of first year of Nursing. Designed to assist the licensed practical nurse in adapting to the new role of a registered nurse as provider, manager and member of the nursing profession.

NSG 1990 Independent Study Course 1-5
Prereq: Actively enrolled in the Nursing Program. This course is offered on an individual basis to student nurses. It allows the student to complete one to five hours of guided independent learning experiences within the first year.

NSG 2200 Advanced Med/Surg Nursing 6
Prereq: Completion of first year of Nursing. This course builds upon concepts introduced in Medical/Surgical I. Course content expands critical thinking and nursing interventions to incorporate the multi disciplinary team in the care of the medical/surgical clients.

NSG 2250 Pharmacology II 2
Prereq: NSG 1250. Continues to build upon the concepts introduced in Pharmacology I in the safe administration of medications of clients across the health continuum.

NSG 2300 Community Nursing 3
Prereq: NSG 2200. Introduces the student to various health care delivery systems within the community. Holistic care is emphasized in providing primary, secondary and tertiary prevention to aggregates across the health continuum.

NSG 2400 High Acuity Nursing 3
Prereq: NSG 2200. This course integrates all previous curricular concepts into the care of the high acuity client. The student assumes the role of the provider and manager of care to clients with multi-system complex needs.

NSG 2500 Nursing Mgt, Trends and Issues 2
Prereq: Completion of first year of Nursing program. Introduces the student to current trends and issues affecting client care and the nursing profession.

NSG 2600 Mental Health Nursing 3
Prereq: Completion of first year of Nursing program. Intended to provide basic understanding of psychiatric nursing care to clients across the health care continuum within the community and home.

NSG 2900 Pathophysiology 4
Prereq: BIOL 2050, BIOL 2060, BIOL 2100, and BIOL 2110. Intended to provide basic understanding of pathophysiologic principles and processes across the health continuum. These are discussed and applied to the most common disease states according to each body system.

NSG 2990 Independ Study Course 2nd Year 1-5
Prereq: Actively enrolled in the Nursing Program. This course is offered on an individual basis to student nurses. It allows the student to complete one to five hours of guided independent learning experiences within the second year.

OTA 1020 Intro to Occupational Therapy 2
Students learn history, principles, philosophy of profession & scope of practice, work settings and specialty areas. Ethics, standards, legal issues and behavior addressed. Visits to local clinicians and field trips scheduled.

OTA 1100 Functional Anatomy 4
Prereq: OTA 1020. Students to explore neuro-musculo-skeletal anatomy in depth. The relationship to function and occupation will be studied. Topics of neuroanatomy, musculo-skeletal systems covered.

OTA 1120 OT Modalities I Lecture 2
Prereq: OTA 1020. Students study wheelchair use, adaptations, seating safety. Basic ADL and IADL adapted devices and occupational roles. Activity analysis, architectural accessibility and changes. Assistive technology and OT treatment covered.

OTA 1130	OT Modalities I Lab	1
Prereq: OTA 1020. Students learn practical application of lecture content.		
OTA 1140	Physical Dysfunction Lecture	3
Prereq: OTA 1020. Designated as a service-learning course. Students learn effects of dysfunction on occupational habits occupational roles, apply OT process, problem-solving ideas. Introduction to assessment and treatment techniques and community resources.		
OTA 1150	Physical Dysfunction Lab	1
Prereq: OTA 1020. Students learn practical application of lecture content. Designated as a service-learning course.		
OTA 1170	Phys Dysfunction Field Wk I Ex	2
Prereq: OTA 1020. Designated as a service-learning course. Students will obtain clinical experience in adult physical dysfunction specialty area. FW sites will be arranged by OT faculty & will consist of 30 hours of off-campus observation and participation at a physical rehab facility.		
OTA 1180	OT Domain & Process	2
Prereq: OTA 1020. Students learn the history and philosophy of occupational therapy, along with the domain of the profession and service models and processes. The COTA role will be explored within current health care systems.		
OTA 1210	OT Professional Issues I	2
Prereq: OTA 1170. Students will study professional behaviors appropriate for placement in fieldwork sites. Successful work skills, client-centered practice in the community will be explored. Designated as a service-learning course.		
OTA 1220	OT Modalities II Lecture	2
Prereq: OTA 1120. Students will learn theory of assistive technology and application of upper extremity splinting, prostheses, ortho devices, computer technology and environmental controls. Designated as a service-learning course.		
OTA 1230	OT Modalities II Lab	1
Prereq: OTA 1130. Students learn practical application of lecture content. Designated as a service-learning course.		
OTA 1240	Physical Dysfunction II	3
Prereq: OTA 1100, OTA 1110, concurrent with OTA 1250. Students learn how occupational performance is affected by human motion across the life span& types of disabilities. Students learn how OT interventions & community resources impact functional performance. Designated as a service-learning course.		
OTA 1250	Physical Dysfunction II Lab	1
Prereq: OTA 1100, OTA 1110, concurrent with OTA 1240. Students learn practical application of lecture content. Designated as a service-learning course.		
OTA 1270	Pediatric FW Experience	2
Prereq: OTA 1170. Students will obtain clinical experience in pediatric specialty area. FW sites will be arranged by OTA faculty and will consist of 30 hours of off-campus observation and participation at a pediatric facility. Designated as a service-learning course.		
OTA 1280	Pediatric/Adolescence Lecture	3
Prereq: OTA 1100, OTA 1110. Students will study normal human development and common disabilities related to childhood from birth to adolescence. OT process will be explored in sensorimotor, psychosocial, play and cognitive treatment techniques.		
OTA 1290	Pediatric/Adolescence Lab	1
Prereq: OTA 1100, OTA 1110. Students learn practical application of lecture content.		
OTA 2310	OT Professional Issues II	2
Prereq: OTA 1210. Students will study interpersonal and group communications, ethics, standards of practice, supervisory relationships, OT theory and activity programming as they relate to the role of the COTA in the community. Designated as a service-learning course.		
OTA 2320	OT Modalities III Lecture	2
Prereq: OTA 1220. Students will learn to use hand tools and basic craft techniques for therapeutic application, skill development, activity analysis, and group therapy process. Designated as a service-learning course.		

OTA 2330	Modalities III Lab	1
Prereq: OTA 1130, OTA 1230. Students learn practical application of lecture content. Designated as a service-learning course.		
OTA 2340	Psychosocial Behavior	3
Prereq: OTA 1140, OTA 1280. Students will study psychosocial dysfunction across life span, OT interventions through current OT frames of reference, and treatment planning interventions including group dynamics and operations.		
OTA 2350	Geriatrics	3
Prereq: OTA 1140, OTA 1240. Students will study normal aging process, physical, psychosocial and cognitive dysfunctions common to the elderly and OT interventions through OT frames of reference and adaptation. Designated as a service-learning course.		
OTA 2380	Psychosocial/Geri FW I Exper	2
Prereq: OTA 1170, OTA 1270. Students will obtain clinical experience in geri/psych specialty area. FW I sites will be arranged by OTA faculty and will consist of 30 hours of off-campus observation and participation at a geri/psych rehab facility. Designated as a service-learning course.		
OTA 2450	Fieldwork Experience II Part 1	6
Prereq: OTA 1170, OTA 1270 and OTA 2380. Students will complete 320 hours of clinical fieldwork experience in a community setting arranged by OTA faculty. Students will practice skills necessary for entry level performance as an occupational therapy assistant. Designated as a service-learning course.		
OTA 2460	Fieldwork Experience II Part 2	6
Prereq: OTA 1170, OTA 1270, and OTA 2380. Students will complete 320 hours of clinical fieldwork experience in a community setting arranged by OTA faculty. Students will practice skills necessary for entry level performance as an occupational therapy assistant. Designated as a service-learning course.		
OTA 2960	OT and PT in the Workplace	2
Prereq: Instructor's approval. Students learn principles of work hardening, work conditioning, industrial rehab as well as work place safety, injury prevention, ergonomics and ADA implementation.		
OTA 2990	Special Topics	2
Prereq: Instructor's approval. This course will cover special topics such as: Review materials for NBCOT Exam. Enrollment requires faculty approval.		
PED 1010	Introduction to Paraeducation	3
This course overviews concepts relevant to paraeducation including working with teachers, relating to students with disabilities, history of special education services, legal issues and communication techniques.		
PED 1500	Behavioral Observations	2
Prereq: PED 1010. This course introduces students to basic behavior management principles used in educational settings. Students will complete experiences within a classroom setting under the direction of a supervising educator.		
PED 1700	Collaboration in the Classroom	3
Prereq: PED 1010. Designated as a service-learning course. A student successfully completing this class will combine the historical foundations and rational with definitions and dimensions of interactive teams for a solid foundation in collaboration within the educational community.		
PED 2100	Health Needs in the Classroom	3
Prereq: PED 1010. Designated as a service-learning course. This class includes how to ensure health care for students who have health impairments. Students will learn about the relationship between school and medical professionals.		
PED 2150	Introductory Experience	3
Prereq: PED 1010. Course overviews classroom techniques and will address ethical and professional responsibilities. Under the direction of a supervising educator, students will learn to implement teaching programs using a variety of techniques.		
PED 2160	Intro Experience Practicum	1
Prereq: Concurrent with PED 2150. Course provides a supervised classroom experience that allows students to apply what they are learning in the classroom to public education settings.		

COURSE DESCRIPTIONS

PED 2200	Introduction to Deafblindness	3
This course is an introduction to deafblindness and its impact on learning and development. It is an overview of the sensory systems and the issues that arise when an individual has a combined loss of vision and hearing.		
PED 2250	Communication and Interaction	3
An introduction to the communication needs and relationship development of individuals with deafblindness. This course will explain the unique impact of deafblindness on communication, language, and speech.		
PED 2260	Deafblindness w/ Disabilities	3
An overview of modifications and adaptations in accommodating persons with deafblindness and additional disabilities. Introduction of various instructional, material, and environmental strategies will be presented.		
PED 2990	Special Studies in Paraed	1-3
Prereq: Instructor's approval. This course focuses on special projects and/or current topics arranged as needed or as available. Paraeducation students will benefit from selected instructors who specialize in the subject area presented.		
PFA 1110	Trade Related Math	2
Applied related grade math required for the core curriculum success of each student. This course covers basic math through Triangular Trigonometry.		
PFA 1111	Soldering and Brazing	2
Theory and application of soldered and brazed joints, pipe preparation, and reaming.		
PFA 1140	Principles of Technology	2
This class will provide training in basic principles of physics and practical examples that relate to the industry.		
PFA 1150	Job Safety and Heritage	2
Brief history of the Plumbing/Pipefitting industry and the organizational structure of the trade. Emphasis on the importance of job safety, personal safety, and the well being of others on the job site.		
PFA 1160	Use and Care, Pipe Fittings	2
Theory and practical hands on applications of various pipe fittings, their uses and purposes, use and care of the materials and equipment used in the trade.		
PFA 1210	Gas Installations	2
Code and local amendments as they pertain to the natural gas and industrial gas usages, various materials required, use applications, and methods of installation accepted by the gas industry.		
PFA 1211	Hydronic Heating Cooling Sys	2
Hydronics is the science of heating and cooling with water. Curriculum includes technical aspects of design, calculation, and installation of hydronic systems.		
PFA 1250	Basic Electricity	2
Basic principles and applications of electricity common to Plumbers and Pipefitters. Safety requirements, basic devices and tools, circuits, and electrical measuring instruments are included.		
PFA 1260	Drafting and Plan Reading	2
This course provides the student with basic principles and practices of plan drafting and interpretation.		
PFA 1800	Job Safety and Heritage	2
PFA 2151	Welding I	2
Theory and application of shielded metal arc welding, oxy-acetylene welding and oxy-acetylene cutting. A study of electrode classification and welding procedures with proper safety and safe use of equipment.		
PFA 2152	Welding II	2
Structural plate welding including flat, horizontal and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.		
PFA 2153	Welding III	2
Advanced plate welding and certification. Introduction to pipe welding.		
PFA 2154	Welding IV	2
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.		

PFA 2155	Welding V	2
Theory and application of shielded metal arc welding, oxy-acetylene welding and oxy-acetylene cutting. A study of electrode classification and welding procedures with proper safety and safe use of equipment.		
PFA 2156	Welding VI	2
Structural welding including flat horizontal, vertical, and overhead welding. Weld defects and the properties of metals Destructive testing and welding procedures for code work.		
PFA 2157	Welding VII	2
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.		
PFA 2158	Welding VIII	2
Structural plate welding including flat horizontal, vertical and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.		
PFA 2159	Welding IX	2
Advanced plate welding and certification. Introduction to pipe welding.		
PFA 2160	Welding X	2
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.		
PFA 2161	Pipe Bending	2
Theory and application of practical pipe bending and methods utilized in the industry.		
PFA 2311	Pumps and Steam Systems	2
Theory and application of a variety of pumps and pumping processes. Study also includes hot steam systems and the application of pumps and processes utilized in the industry.		
PFA 2331	Brazing, Compressor Overhaul	2
Basic instruction in brazing and brazing methods, materials used and good practices. Compressor function and utilization. Breakdown of a compressor and component parts testing and inventory.		
PFA 2350	Drainage	2
Utilization of drainage in commercial and industrial applications including various materials, applicable piping for drainage systems, installation and joint connections.		
PFA 2351	Drainage	2
Industrial and commercial drainage systems, sumps, drain fields, hazardous material handling.		
PFA 2360	Water Supply	2
Water supply systems including potable and non-potable water systems. Material usage and application.		
PFA 2361	Water Supply	2
Advanced water supply system study including commercial and industrial applications.		
PFA 2441	Advanced Plan Reading	2
Study of isometric pipe and plumbing drawings and shop drawings as used in the industry.		
PFA 2450	Bldrs Level and Special Inst.	2
Instruction in the set-up and use of a builder's level, lasers, and special instruments for layout and leveling.		
PFA 2460	Hydronics Systems	2
Advanced course in hydronics systems, use and installation and fabrication of joints and materials.		
PFA 2470	Plumbing Fixtures, Appliances	2
Detailed course in plumbing fixtures and appliances used in the industry including use, installation, and code requirements.		
PFA 2541	Medical Gas Certification	2
Instruction on requirements and competencies for Certification in medical gas installation and repair.		

PFA 2550 Back Flow Testing Cert. 2
Instruction on code and Utah requirements and competencies for Certification to install and/or repair back flow prevention systems.

PFA 2551 General Pipefitting 2
This course introduces students to general pipefitting principles and techniques.

PFA 2560 International Plumbing Code 2
Detailed course on the International Plumbing Code with any amendments and provisions.

PFA 2570 Test Prep-Code 2
New code updates and amendments as needed and practical hands on applications. Applied mathematical conclusions for plumbing and pipefitting code applications and installation.

PFA 2572 Test Prep-Shop 2
Safety requirements and detail work in shop environments including tools, materials, and msd sheets.

PFI 1110 Independent Pipefitting 1A 5
This introductory course will put emphasis on drawing and sketching in relation to architectural drawings, isometric single-line pipe sketching, dimensioning, and working drawings.

PFI 1120 Independent Pipe Fitting 1B 5
This course covers the fundamental mathematics for plumbers and pipefitters. Also included will be piping drawings, isometric pipe drawings, interpreting residential blueprints and commercial building blueprints.

PHAR 1010 Intro. to Pharmacy Practice 2
Prereq: MATH 0920 or MATH 0950 or 57 on CPT. Course reviews fundamentals of pharmacy practice in variety of settings. Career opportunities, terminology, prescription processing, dosage forms, routes of administration, quality control, technician roles and responsibilities are explored.

PHAR 1020 Pharmacology I 2
Prereq: MATH 0920 or MATH 0950 or 57 on CPT. Course discusses the nature of drugs, drug absorption and patient variables that affect drug therapy. Course begins to evaluate the classifications and therapeutic use of drugs.

PHAR 1030 Compounding/Sterile Products 2
Prereq: PHAR 1010, PHAR 1020, and PHAR 1040. This course reviews the packaging, preservation and storage of compounded drugs. Coated tablets, solutions and suspensions are examined. Sterile procedures with vials and IV bottles and bags are explained.

PHAR 1040 Calculations and Law 2
Prereq: MATH 0920, MATH 0950, or CPT placement into MATH 0990. Course covers pharmaceutical math, dosage calculations, and conversion skills needed by technicians. Medical terminology related to pharmacy practice and practical application of state and federal pharmacy law are reviewed.

PHAR 1050 Pharmacy Computers 2
Prereq: PHAR 1010, MA 1100, 30 wpm typing test. This course stresses practical applications of the concepts learned in PHAR 1010. Hands-on experience with a computerized system for dispensing prescriptions and preparing third party pay documents is the focus.

PHAR 1060 Pharmacology II 2
Prereq: PHAR 1020. Course is a continuation of PHAR 1020. It continues with evaluation of further drug classifications and therapeutic use of those drugs.

PHAR 1065 Pharmacology III OTC 2
Prereq: PHAR 1020, concurrent with PHAR 1060. Specific classes of over-the-counter medications/products will be discussed with emphasis on knowledge required for making appropriate recommendations for selections and use of these products by consumers.

PHAR 1070 Fieldwork Preparation 4
Prereq: PHAR 1010, 1020, 1030, 1040, 1050, 1060, 1065, MA 1100. Course places students in on-the-job training in community, retail, hospital practice sites with review of specific tech duties in each site. Top 300 prescription drugs are covered in preparation for PTCB National Certification Exam.

PHIL 1000 Intro to Philosophy (HU) 3
Students look closely at themselves and the world they live in through readings, discussions, and lectures on varying philosophical views concerning truth, reality, and values.

PHIL 1130 Personal Ethics (ID, DV) 3
Exposes students to the essential theoretical frameworks of morality & then applies those frameworks to the diversity issues of our times as a systematic means for thinking about moral dilemmas in general & in their own personal lives.

PHIL 1200 Div. & Philos. of Work (ID, DV) 3
A philosophical inquiry to alienation, marginalization and assimilation in the world of work. Studies how societal constructs granting privilege on the basis of race, gender, class, religion, etc. affect US work environments.

PHIL 2350 Prin.: Phil. of Religion (HU) 3
Explicates & evaluates some truth-claims made by major world religions concerning the nature of reality & humanity's relationship to it. Addresses classic topics in the discipline as conceived by the major Western monotheistic traditions.

PHYS 1010 Elementary Physics (PS) 3
Conceptual survey course in introductory physics. For non-science majors. Principles of mechanics, heat, light, sound, electricity, magnetism, and modern physics.

PHYS 1040 Elementary Astronomy (PS) 3
Structure, scale and behavior of the universe and its underlying laws presented in a conceptual format. Formation and workings of the sun and planets. Earth as a planet and as a reference for reckoning of the celestial sphere.

PHYS 2010 College Physics I 4
Prereq: MATH 1060, concurrent w/ PHYS 2015. For pre-professional, non-science, non-engineering majors. Newton's laws of motion, gravity, work and energy, solid body motion, fluid motion, vibrations and waves, and thermal physics.

PHYS 2011 Physics Problem Session 1
Problem session for PHY 2010, based on the lecture class. Though not required, students are strongly encouraged to register for this session.

PHYS 2015 College Physics Lab I 1
Prereq: concurrent with PHYS 2010. Graded laboratory concurrent with PHYS 2010.

PHYS 2020 College Physics II 4
Prereq: PHYS 2010, concurrent with PHYS 2025. Continuation of PHYS 2010. Laws of electricity and magnetism optics and light, modern atomic theory, nuclear physics and an overview of relativity.

PHYS 2021 Physics Problem Session 1
Problem session for PHYS 2020, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2025 College Physics Lab II 1
Prereq: Concurrent with PHYS 2020. Graded laboratory concurrent with PHYS 2010.

PHYS 2210 Physics for Sci & Eng I 4
Prereq: MATH 1210, concurrent with PHYS 2215. For engineering and science majors. Mechanics and Newton's laws presented with calculus. Gravity, energy, momentum, fluid mechanics, oscillations, waves, and thermodynamics. Use of computers in problem-solving.

PHYS 2211 Physics Problem Session 1
Problem session for PHYS 2210, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2215 Physics for Sci & Eng Lab I 1
Prereq: Concurrent with PHYS 2210. Graded laboratory taken concurrently with PHYS 2210.

PHYS 2220 Physics for Sci & Eng II 4
Prereq: PHYS 2210, MATH 1220, concurrent with PHYS 2225. Continuation of PHYS 2210. Laws of electricity and magnetism, AC circuits, optics and waves. Use of computers in problem solving.

PHYS 2221 Physics Problem Session 1
Problem session for PHYS 2220, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2225 Physics for Sci & Eng Lab II 1
Prereq: Concurrent with PHYS 2220. Graded laboratory taken concurrently with PHYS 2220.

COURSE DESCRIPTIONS

PHYS 2710 Introductory Modern Physics 3
Prereq: MATH 2210, MATH 2250, PHYS 2220, PHYS 2225 with C. Introduction to Modern Physics with a focus on relativity, quantum mechanics, and atomic physics. Applications in solid-state physics, bonding in molecules and solids, and nuclear physics. Use of computers in problem solving.

PHYS 2715 Introductory Modern Phys Lab 1
Prereq: Concurrent with PHYS 2710. Graded laboratory to be taken concurrently with PHYS 2710.

PILT 1010 Air Transportation 3
This course includes a survey of the air transportation industry to include airline deregulation, government regulatory agencies, general aviation, & airline management operations and aircraft.

PILT 1020 Aviation Weather 2
This course will introduce students to the effects of weather on aviation. Specific emphasis will be placed on weather information available to a pilot, and the hazards of weather to aviation operations.

PILT 1040 Aviation Orientation 1
Students will be introduced to many aspects of the aviation industry, job opportunities, flight program, procedures, & how to finance flight training. Students will be given the opportunity to meet with industry personnel.

PILT 1050 Aviation History 3
The history of aviation from the earliest times through the modern jet age will be covered. Students will discover significant aviation developments and how they came about.

PILT 1100 Private Pilot Ground School 4
Prereq: Concurrent w/ PILT 1140. A study of aviation fundamentals, principals of flight, aircraft & engine operations, weather, navigation, & radio communications as required by FAA regulations. Students will be prepared to begin flight training.

PILT 1140 Solo Pilot Certification Lab 1
Prereq: Concurrent with PILT 1100. Students will begin flight training with FAA certified flight instructor. Training will include all skills necessary to fly solo.

PILT 1150 Private Pilot Certification 2
Prereq: PILT 1140. Students continue to fly with a FAA certified flight instructor. Training will include all the skills necessary for a private pilot's license. The student will fly under Part 141 of the FAA regulations.

PILT 1250 Instrument Ground School 3
Prereq: PILT 1150; concurrent with PILT 1260. A more in-depth study of the purpose, operations, and use of aircraft instrumentation in airport departures, en-route, navigation, & instrument approaches. Student will be prepared to qualify as an instrument-rated pilot.

PILT 1260 Instrument Simulator Lab 1
Prereq: Concurrent with PILT 1250. Practical application in a simulation lab to include the information for instrument flight procedures and regulations for departures, en route, approach & landing. Two hours per week lab time is required.

PILT 1300 Instrument Certification 3
Prereq: PILT 1250, PILT 1260, concurrent with PILT 1150. Flight navigation will emphasize radio navigation as it relates to instrument approaches, en route procedures, and departures. Students will be prepared to take the FAA evaluations. Approximate flight time is 35 hours.

PILT 1310 Human Factors and Safety 3
Pilot performance affected by training, environment, stress, fatigue, & cockpit design will be discussed. Study of accidents & pilot error as they relate to safety. Illusions, vertigo, & disorientation will be studied.

PILT 1990 Special Studies 1-2
Prereq: Instructor's permission. Students will plan a special project in an area of study in cooperation with program coordinator or advisor. Students may also be granted credit for a specialized area of training already completed.

PILT 2000 Aviation CO-OP 1-2
Prereq: Second-year student, instructor's approval. Aviation CO-OP is open to second-year students. This elective class requires special approval prior to registration. See program coordinator for more information.

PILT 2010 Pre-Graduation Seminar 1
Students will learn techniques for finding, applying for, interviewing and testing for pilot positions. Employers will discuss their hiring requirements, procedures, and what qualities they are expecting from applicants.

PILT 2050 Aviation Meteorology 3
Students will learn about atmospheric conditions, weather patterns and observations & their effect on aeronautical applications. Students will learn to read pilot weather reports & obtain pre- and in-flight weather information.

PILT 2150 ATP Written Exam Prep 1
Prereq: DISP 1010, 1100, 1200, 1300, PILT 1400, 2050. Course will overview theories and applications discussed in the 200 hours of dispatcher training. Course is designed to prepare students to take the FAA exam for certification.

PILT 2200 Com. Pilot Certification Lab I 2
Prereq: PILT 2100. A thorough introduction to pilot-in-command in a complex aircraft with precision flight maneuvers. This course will build the aeronautical knowledge, experience and requirements toward commercial pilot certification.

PILT 2210 Multi-Engine Ground School 2
Prereq: PILT 1150, concurrent w/ PILT 2220. Student will obtain the knowledge, skill, and aeronautic experience necessary to meet the requirements of the multi-engine certificate and multi-engine class rating.

PILT 2220 Multi-Engine Add-on 1
Prereq: PILT 1150, concurrent with PILT 2210. This course is taught one-on-one with a flight instructor. It includes the practical knowledge to fly a multi-engine aircraft safely & to the standards required for FAA certification.

PILT 2240 Comm. Pilot Cert. Lab II 2
Prereq: PILT 2200. Course will complete the foundation necessary to prepare the student to take the FAA Part 141 commercial pilot certification examination. Commercial maneuvers in complex aircraft will be required for approximately 37 hours.

PILT 2250 Physics of Flight 2
Theory and practical application of the laws of physics as they pertain to pilots. An understanding of the elements of aerodynamics affecting the control of the flight of an aircraft will be taught.

PILT 2300 CFV/Airplane SEL 2
Prereq: PILT 2250. Students desiring to instruct other pilot candidates are prepared in the aircraft by a flight instructor. Course will include flight maneuvers required for the FAA CFI certification process.

PILT 2340 CFI Ground School 3
Prereq: PILT 2100. Designed to teach learning theories, styles, domains, communication techniques, teaching process, teaching methods, lesson plans, evaluation of student performance & human factors resulting in knowledge required to teach students.

PILT 2350 Cert. Flt. Instruct/Instrument 1
Prereq: PILT 2300. This course will prepare the flight instructor with the requirements to become FAA certified to instruct in instrument flight.

PILT 2400 CFI/Multi-Engine 1
Prereq: PILT 2300, PILT 2340. Certified flight instructors master multi-engine aircraft operation to safely and competently demonstrate the course of instruction leading to the multi-engine CFI rating.

PILT 2420 Aircraft Systems 2
This is an introductory course to provide pilots with the understanding of aircraft systems, components, & basic operations general to all aircraft. Included will be information about power plants, fuel, & electrical systems.

PILT 2440 Mountain Flying 1
Prereq: PILT 1150, PILT 2050. Students will learn proper techniques for safe mountain flying operations. This course includes practical application under the direction of an experienced FAA Part 141 mountain pilot.

PILT 2470 Corporate/Business Aviation 2
This course will acquaint the student with a broad range of topics including corporate & business flight management, type of aircraft used, operational considerations and regulations of the industry.

PLI 1110 Plumbing I A 5
Prereq: CPT exam scores, 74 Arithmetic, 35 Algebra. This is an introduction to the plumbing trade, history, plumbing as a career. Safety on the job site and with tools including safe handling and use, applied mathematics for plumbers & the study of water sources and gases are covered.

PLI 1120 Plumbing IB 5
Prereq: PLI 1110. This is the study of mathematics for plumbers, first aid and CPR certification and safety on the job site and with tools and equipment. Course of study includes plumbing fixtures, faucets, valves and blueprint reading.

PLI 1210 Plumbing II A 5
Prereq: PLI 1120. Installation practices, introduction to blueprint reading & applied mathematics for plumbers. Properties of water, water pressure, safety on the job site and tools and equipment scaffolding and safety above ground.

PLI 1220 Plumbing IIB 5
Prereq: PLI 1210. This is the study of installation practices and applied mathematics for plumbers. Theory and practice of seals, traps, air chambers, manometers and u-tubes will be covered.

PLI 1470 Math for the Trades 5
This is a customized plumbers' course in applied mathematics for the trades including algebraic and trigonometric functions.

PLI 2000 Plumbing CO-OP 3-5
Prereq: Instructor's approval. College credit for experience on the job site. Arranged in College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

PLI 2310 Plumbing IIIA 5
Prereq: PLI 1220. This is the study of fixtures, testing of systems, measurements and grease traps. Intense study of the applicable code and continued mathematics for plumbers will be taught.

PLI 2320 Plumbing IIIB 5
Prereq: PLI 2310. This is an introduction to water heaters and appliance venting, fuel gas piping and control devices. Applied mathematics for plumbers, study of the applicable codes, roof drains and blueprint readings will be covered.

PLI 2410 Plumbing IVA 5
Prereq: PLI 2320. Installation practices, repair and service work. Blueprint reading, indirect water systems and special waste systems. Hydraulic theory, heating systems and their practical application.

PLI 2420 Plumbing IVB 5
Prereq: PLI 2410. This is the continuation of blueprint reading, gas appliance venting and piping, practical applied application and estimating. Study of the applicable code and review will be included.

PLI 2510 Plumbing Labs 5
Special course requested by the Utah State Licensing Board for applicant plumbers to review lab projects prior to retaking practical journeyman's examination.

PLI 2990 Plumbing Special Studies 5
Special course requested by the Utah State Licensing Board for applicant plumbers to review lab projects prior to retaking practical journeyman's examination.

PLI 2991 Plumbing Special Projects II 5
Special course requested by the Utah State Licensing Board for applicant plumbers to review theory prior to retaking journeyman's examination.

PLS 1010 Introduction to Law 3
Introductory course into the study of law and the legal system. Students will be introduced to legal vocabulary terms, critical thinking and legal reasoning and analysis. Course also will overview most substantive areas of law.

PLS 1020 Intro to Civil Litigation 3
This course overviews the federal and state civil court systems. Students will examine civil procedural rules and stages of litigation. The role of the paralegal will be examined at each stage of the litigation process.

PLS 1030 Intro to Research & Writing 3
Prereq: ENGL 1010. Students learn and apply basic research principles to fact situations encountered in a law office. Students will gain familiarity with research tools and methodologies including preparing simple office memoranda and citation style.

PLS 1050 Legal Research & Writing II 3
Prereq: PLS 1020, PLS 1030. Continues and builds on the study of research skills begun in PLS 1030. Emphasizes legal writing aspect of research and writing: appropriate formats, styles and analysis. Paralegal Majors must complete course with B- or better.

PLS 1070 Criminal Law & Procedure 3
Overview of criminal law and criminal procedure topics such as elements of crime, mental states, defenses to crimes, constitutional and statutory limitations on prosecutions, the trial process, sentencing and appellate issues, the trial process, sentencing and appellate issues.

PLS 1080 Contracts 3
Class examines the elements of basic contracts. It covers sales of goods, sales discharge and damages. Students will analyze various types of contracts and learn to draft a simple contract.

PLS 1100 Bankruptcy and Collections 3
This course examines the collection of debts and the discharge of certain financial obligations in bankruptcy, including Chapter 7, 11 and 13 filings. It includes basic collections, bankruptcy law, pleadings and schedules.

PLS 1110 Wills, Probate and Estates 3
Course covers preparation of wills, deposition of property other than by will, probate administration and estate litigation. Estate planning and functions of paralegals in this legal area discussed.

PLS 1120 Paralegal Proc. I 3
Course covers principles and practice of legal interviewing and fact investigation. Students practice initial client interviews, field investigation, follow up interviews and develop effective human relations and communication skills.

PLS 1130 Administrative Law 3
This survey class covers variety of paralegal opportunities, duties and tasks available in the active practice of government offices and agencies.

PLS 1140 Environmental Law 3
Prereq: PLS 1010 Students will study the legal aspects of environmental law: issues such as EPA regulations, endangered species, mining, oil and gas leases, clean air and water.

PLS 1170 Family Law 3
The class focuses on Utah statutes and case law governing relationships between husband & wife and their relationship with their offspring. Also basic elements of marriage, divorce, alimony, property distribution and child custody.

PLS 1180 Evidence 3
Prereq: PLS 1070. This course examines the Utah Rules of Evidence. Students will also apprehend differences in the Federal Rules. The course demonstrates the applicability of the rules as they pertain to the in-court admission of evidence and testimony.

PLS 1190 Constitutional Law 3
Course exposes students to the history and substance of the Constitution & the Bill of Rights. Students will discover the role of the Constitution in our legal system and government. The role of the state constitution will be reviewed.

PLS 1300 Torts 3
This is an overview of tort law. Specific skills will be developed in research analysis, drafting and investigation. The course includes negligence, wrongful death, products liability and medical malpractice.

PLS 1530 Real Estate Law 3
Study of principles of title, ownership and transfer, joint tenants and tenants in common. Documents of conveyance, security instruments' notes & contracts, liens, foreclosures & redemptions, escrow and closing, public records, & taxes.

COURSE DESCRIPTIONS

PLS 2000 Paralegal CO-OP 3-6
Prereq: PLS 1050. Course provides supervised work experience in a business, industrial or government environment related to paralegals. Credit awarded for successful completion of specific learning objectives that provide new learning on the job.

PLS 2010 Computer Essentials Paralegals 3
This class introduces students to computer programs and databases involved in litigation and case management. The latest in technology for the legal community will be explored.

PLS 2050 Legal Research & Writing III 3
Prereq: PLS 1050. This course is designed to bring the research expertise gleaned in R & W I together with the writing abilities learned in R & W II. Course provides practical opportunity and experience preparing persuasive legal memoranda.

PLS 2070 Mediation 3
Prereq: Variable. Mediation, an alternative to litigation, is the conflict resolution process that permits parties to satisfactorily resolve the dispute. Students learn the art and techniques of mediation through the role of the mediator.

PLS 2090 Paralegal Practicum 3
Prereq: PLS 1010, 1030, 1050, 1120, 2010. Course provides students with practical experience working on actual research assignments and projects provided through the law and mediation center. Students will experience legal work both as individuals and members of a team.

PLS 2190 Ethics 3
Prereq: 12 hours of PLS classes. Course explores the ethical standards of attorneys and paralegals. Topics include the unauthorized practice of law, confidentiality and professionalism. The disciplinary process is also discussed.

PLS 2200 Legal Portfolio 3
Prereq: All previous writing courses. Students will refine or prepare a cover letter, resume and writing sample to assist in preparing a portfolio for a job search. Current job markets, growth areas and other non-traditional job opportunities also will be examined.

PLS 2250 Securities 3
Prereq: PLS 1010. Federal and State statutes governing the offering and sale of securities, notes, stocks, bonds and debentures will be covered.

PLS 2260 Hollywood and the Law 3
Prereq: Variable. Course designed as an enjoyable examination of principles of law as portrayed by Hollywood. Students will study and discuss movies about issues of procedures & constitutional significance. Course designed for the short summer session.

PLS 2990 Special Studies 3
Prereq: Variable to topic. Course focus is on special projects and/or current topics arranged as needed. Course offers students actual paralegal experience in variety of topics available with assistance from instructors specializing in subject area presented.

POLS 1070 Diversity & US Politics (SS, DV) 3
Introductory course examines perspectives of long-silenced voices in US politics. It studies racism, sexism, discrimination, inequitable treatment, forced inclusion and exclusion, and barriers to economic and political participation.

POLS 1100 US Government & Politics (AI) 3
This is a survey of the institutions and practices of the U.S. government with emphasis placed on political behavior and social conflict. Certain sections taught using service-learning.

POLS 1110 Intro State/Local Government 3
This is an overview of state and local political systems with an emphasis on the constitutional underpinnings, major institutions, practices and public policies at the state and local level.

POLS 1900 Special Studies 1-2
Prereq: Instructor approval. Under the instructor's supervision, an individualized curriculum is jointly developed and followed.

POLS 2000 Internship 2-4
Prereq: Instructor approval. Students undertake a supervised hands-on experience in the public sector such as election, legislative, and administrative processes.

POLS 2020 Legislative Decision Making 2
In this course, students learn the dynamics of decision making in an orderly and efficient manner with special attention to the legislative process.

POLS 2100 Intro International Politics 3
This is an introduction to the basic concepts, processes and relationships in the international political arena, with particular emphasis on conflict and cooperation between and among nations.

POLS 2160 Politics in Action 2
This course acquaints the student with the basic concepts of the American election process, how to become involved and participate in a campaign of their choice.

POLS 2200 Intro to Comparative Politics 3
This course analyzes how political systems differ in terms of institutions, ideologies, and political practices. The course looks at past as well as present governments.

POLS 2300 Political Ideologies (SS) 3
This surveys significant political ideologies, documenting their present and past relevance to society. Emphasis is placed on conservatism, fascism, liberalism, and socialism.

POLS 2900 Special Topics 1-3
Prereq: Instructor approval. This is a course designed by faculty which allows students to explore specific interest areas of political science in a classroom setting.

POLS 2950 Leadership 2
This multi-disciplinary course will focus on leadership and management skills, including communication, motivation, problem solving, conflict management and goal setting with an emphasis on personal growth.

POLS 2960 Leadership 2
This multi-disciplinary course will focus on leadership and management skills, including communication, organizational behavior, problem solving, resource management, delegating, and goal setting.

POR 1010 Beginning Portuguese I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

POR 1020 Beginning Portuguese II (LN) 5
Prereq: POR 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

POR 1300 Beginning Conversation 1
Prereq: POR 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

POR 1900 Special Studies in Portuguese 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

POR 2010 Intermediate Portuguese I 4
Prereq: POR 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

POR 2020 Intermediate Portuguese II 4
Prereq: POR 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

POR 2300 Conversation 1
Prereq: POR 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

POR 2700 Introduction to Literature 3
Prereq: POR 2010 or POR 2020. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

POR 2710 Intro to Portuguese Film 3
Prereq: POR 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Portuguese. Lab attendance required.

POR 2900 Special Topics in Portuguese 1-3
This is a course designed by faculty which allows students to explore specific interests in Portuguese language and culture. Lab attendance required. May be repeated for credit.

PSY 1010 General Psychology (SS) 3
A basic survey of psychology emphasizing common problems of life including learning, motivation, emotion, personality, human growth and development and physiological psychology.

PSY 1100 Human Growth & Development (SS) 3
Fundamentals of growth and development relating to effective human relationships within the family and the study of behavior and cultural influences from infancy through adulthood.

PSY 1210 Personal Growth / Development 3
Introduction to the psychology of adjustment which combines research-based theory with personal application. Explores techniques for better adjustment and understanding effects of personal behavior on others.

PSY 1900 Special Studies 1-2
Prereq: PSY 1010 or instructor's approval. Under an instructor's supervision, students develop and follow an individualized curriculum.

PSY 2000 Psychology CO-OP Education 2-4
Prereq: PSY 1010, Sophomore w/2.0GPA, study related employ. Supervised work experience with specific learning objectives in a business, industrial or government environment to provide learning on the job and in the program major.

PSY 2250 Personality Theory 3
Prereq: ENGL 1010, PSY 1010. An introduction to the psychological study of personality which focuses on personality theory, personality assessment techniques and personality change with emphasis on developing a scientific approach to understanding self.

PSY 2300 Abnormal Psychology 3
Prereq: ENGL 1010, PSY 1010. An introduction to the psychological science of mental disorders including problems of emotion, mood, mind, schizophrenia and personality disorders. Diagnosis and treatment will also be considered.

PSY 2370 Gender in America (SS, DV) 3
Prereq: PSY 1010 or SOC 1010. Social construction of gender; connections between biological sex and gender; theories of gender socialization; impact of gender on relationships & communication; connection between social institutions & gender.

PSY 2400 Eco-Psychology 3
Prereq: PSY 1010. Blended class, online and field school combination. Eco-psychology is the interaction of self and the environment. Examines how the environment affects us and how we impact the environment.

PSY 2500 Social Psychology 3
Prereq: ENGL 1010, PSY 1010 or SOC 1010. Focuses on understanding the behavior of individuals in social contexts with emphasis on how and why individuals behave, think, and feel as they do in social situations.

PSY 2710 Brain and Behavior 3
Prereq: PSY 1010. Examines the biology of behavior with emphasis on underlying neural mechanism, the interaction between genes and environment in determining who we are, and the evolutionary pressures that have shaped mind.

PSY 2900 Special Topics in Psychology 1-3
Prereq: PSY 1010 and instructor's approval. A faculty designed course which allow students to explore specific areas of psychological interest in a classroom setting.

PTA 1010 Intro to Physical Therapy 2
Students will explore the field of therapy including an overview of therapy treatments in different health care settings and pertinent legal and ethical considerations. Students will participate in clinical observation.

PTA 1500 Practice Issues for the PTA 2
Prereq: PTA 1010. The role of the PTA in various health care settings will be addressed as well as the organization of health care and its methods of delivery, and basic research principles.

PTA 2010 Functional Anatomy 4
Prereq: PTA 1500 and acceptance into technical program. Students will explore neuro-musculo-skeletal anatomy in depth & relate to functional activity. Topics include neuroanatomy structure & function of the musculo-skeletal system, and components of human motion.

PTA 2100 Patient Care Skills 2
Prereq: Admission into technical portion of program. Students learn the application of patient care skills, body mechanics, principles and use of mobility devices, and medical documentation.

PTA 2110 Patient Care Skills Lab 1
Prereq: Admission into technical portion of program. Students practice patient care skills, body mechanics, transfers, use of mobility devices, & medical documentation.

PTA 2200 Therapeutic Modalities 2
Prereq: Admission into technical portion of program. Students learn the theory of therapeutic modalities using heat, cold, radiation, and electricity.

PTA 2210 Therapeutic Modalities Lab 2
Prereq: Admission into technical portion of program. Students practice applications of therapeutic modalities using heat, cold, radiation, and electricity.

PTA 2300 Principles of Therapeutic Exer 2
Prereq: Admission into technical portion of program. Students learn the principles and techniques of therapeutic exercise.

PTA 2310 Princ of Therapeutic Exer Lab 2
Prereq: Admission into technical portion of program. Students practice techniques of therapeutic exercise, including uses of specialized exercise equipment.

PTA 2350 Clinical Assessment/PTA 2
Prereq: PTA 2010, PTA 2100. Students develop competency in critical assessment skills including manual muscle testing, range of motion assessment, evaluation of posture and gait, balance assessment, and selected special tests.

PTA 2360 Clinical Assess./PTA Lab 2
Prereq: PTA 2010, PTA 2100. Students learn how to implement clinical assessment skills including manual muscle testing, range of motion, posture and gait, balance, and selected special tests.

PTA 2400 Musculoskeletal Disorders 3
Prereq: PTA 2010, PTA 2100, PTA 2200. Students learn how to implement clinical assessment skills including manual muscle testing, range of motion, posture and gait, balance, and selected special tests.

PTA 2410 Musculoskeletal Disorders Lab 1
Prereq: PTA 2110, PTA 2210. Students will develop treatment skills for post-surgical, orthopedic, industrial, and amputation clients.

PTA 2450 Neurological Disorders 2
Prereq: PTA 2010, PTA 2300. Students will learn principles and components of physical therapy procedures for the neurological patient.

PTA 2460 Neurological Disorders Lab 2
Prereq: PTA 2310, PTA 2360. Students implement physical therapy techniques and design treatments for selected neurological disorders.

PTA 2510 PT for Specific Clientele 3
Prereq: PTA 2010, PTA 2100, PTA 2200. Students learn principles and components of physical therapy treatments for OB/GYN, cardiopulmonary, pediatric and adolescent disorders.

PTA 2520 PT for Specific Clientele Lab 1
Prereq: PTA 2010, PTA 2110, PTA 2210. Students implement physical therapy techniques and design treatments for OB/GYN, cardiopulmonary, pediatric and adolescent disorders.

COURSE DESCRIPTIONS

PTA 2530 Gerontology 2
Prereq: PTA 2300, PTA 2360. Students will learn the sociological, psychological, and physical facets of the aging process. Selected treatment approaches unique to an aging population will be presented and discussed.

PTA 2550 Rehabilitation Psychology 2
Prereq: PTA 2300, PTA 2400, PTA 2600. Students will learn the psychological aspects of the rehabilitation process. Topics include health locus of control, learned helplessness, self-efficiency and the biopsychosocial model of treatment.

PTA 2600 Clinical Experience I 4
Prereq: PTA 2100, PTA 2200, PTA 2300. Students will participate in supervised clinical experience in physical therapy department affiliated with the College.

PTA 2700 Clinical Affiliation I 6
Prereq: PTA 2450, PTA 2600. Students will complete an internship including practical performance and application of physical therapy procedures and techniques under supervision in selected physical therapy clinical settings.

PTA 2710 Clinical Affiliation II 6
Prereq: PTA 2700. Students will complete a culminating internship demonstrating practical performance and application of physical therapy procedures and techniques under supervision in selected physical therapy clinical settings.

PTA 2750 Seminar for PTAs 1
Prereq: PTA 2550, PTA 2450. Students will integrate principles of academic learning with clinical practice and presentation of current trends and issues in PT, along with professional journal reviews, and development of employment skills.

PTA 2850 Special Topics for PTAs 2
Prereq: Instructor's approval. This is a special studies course to prepare students for the national licensing examination.

PTA 2950 Sports Physical Therapy 2
Prereq: Acceptance into technical portion of program. Students learn principles of injury prevention and therapeutic rehabilitation applied to the practice of sport and competitive physical activity.

PTA 2960 PT and OT in the Work Place 2
Prereq: Acceptance into program. Students learn principles of work hardening, work conditioning, industrial rehabilitation as well as work place safety, injury, prevention ergonomics, and the ADA.

RADS 1010 Intro to Radiologic Technology 2
Exploration into the field of radiography and its role in health care delivery. Fundamental radiography concepts to include radiation protection, medical terminology, ethics, professional development and hospital operations.

RADS 1020 Rad. Anatomy & Procedures I 4
Prereq: Admission to program. This course covers anatomy and radiographic procedures. The upper extremity, chest and abdomen are included. The shoulder girdle and lower extremity are also covered. Builds skill to help obtain radiographs in those units.

RADS 1030 Radiographic Imaging I 2
Prereq: Admission to program. Atomic structure, imaging equipment, film, screens, wet and dry processing. Production and properties of x-rays and radiographic quality to include density, contrast, detail and distortion.

RADS 1040 Clinical Education I 4
Prereq: Admission to program. Students attend a clinical setting 24 hours each week. Initial skills required of a radiographer are established. vital signs, oxygen and suction, asepsis and infection Activities are guided by a competency-based system.

RADS 1050 Patient Care 2
Prereq: Admission to program. Covers the role of a radiographer as patient care provider. Standard precautions, immobilization, lifting, emergencies, vital signs, oxygen & suction, asepsis & infection control, history taking, communication and patient education.

RADS 1110 Radiation Protection 2
Prereq: RADS 1030. Radiation protection concepts to include biological effects on living systems, radiation units, interactions with matter and radiation exposure limits. Radiation practices and standards for patients and personnel.

RADS 1120 Rad. Anatomy & Procedures II 4
Prereq: RADS 1020. This course covers anatomy and procedures of: the spine, pediatrics, thorax, skull, sinuses and facial osteoporosis.

RADS 1130 Radiographic Imaging II 4
Prereq: RADS 1030. Principles of x-ray image creation to include controlling scatter, grids, exposure factors and technique conversion. Concepts related to production of x-rays, radiographic tube, x-ray beam emission and circuitry system.

RADS 1140 Clinical Education II 4
Prereq: RADS 1040. Students attend a clinical setting 24 hours each week. They continue to expand their patient care skills. Emphasis is on performing procedures independently. Activities are guided by a competency-based system.

RADS 1220 Rad. Anatomy & Procedures III 2
Prereq: RADS 1120. This course covers anatomy and procedures of: the gastro-intestinal and genitourinary systems.

RADS 1240 Clinical Education III 3
Prereq: RADS 1140. Students attend a clinical setting 24 hours each week. They continue to broaden their clinical skills. Emphasis is on increased accuracy and confidence. Activities are guided by a competency-based system.

RADS 2010 Image Analysis 2
Prereq: RADS 1220. An advanced course that requires students to analyze all technical aspects of radiographic image production and use problem-solving skills to determine proper corrections required for unacceptable radiographs.

RADS 2020 Rad. Anatomy & Procedures IV 2
Prereq: RADS 1220. Procedures of an advanced and specialized nature covered. Includes mobile, trauma and operating room radiography. Circulatory system anatomy and procedures also covered.

RADS 2030 Radiographic Imaging III 2
Prereq: RADS 1130. Imaging principles related to mobile, fluoroscopic, digital, tomography and electronic imaging. Quality assurance and quality management practices. Advanced imaging modalities: CT MRT, sonography, therapy, nuclear medicine and CIT.

RADS 2040 Clinical Education IV 4
Prereq: RADS 1240. Students attend a clinical setting 24 hours each week. Emphasis is on increased problem-solving skills. Also emphasized is accurate exposure factor selection. Activities are guided by a competency-based system.

RADS 2050 Advanced Patient Care 2
Prereq: RADS 1050. Covers advanced skills required while caring for a patient. Topics include ethics and law, contrast media, pharmacology. Also includes venipuncture and care for age-specific patient

RADS 2060 Radiobiology 2
Prereq: RADS 1110. Interactions of radiation with living systems. Radiation effects on molecules and organisms. Factors affecting biological response. Acute and chronic effects of radiation exposure. Principles related to health physics.

RADS 2100 Comprehensive Radiology 3
Prereq: RADS 2010. A review of radiology knowledge learned throughout the program to prepare students to pass the ARRT exam.

RADS 2110 Radiographic Pathology 2
Prereq: RADS 2050. Students learn causes, signs and symptoms of diseases. Students will identify pathology on radiographs. Course includes how diseases impact performance of exams. Technical factors and patient care issues are discussed.

RADS 2120 Sectional Anatomy 2
Prereq: RADS 2020. Covers understanding and identification of abdominal, brain, and thoracic anatomy as seen on sagittal, coronal, axial and other images using the modalities of CT and MRI.

RADS 2140 Clinical Education V 4
Prereq: RADS 2040. Students attend a clinical setting 24 hours a week. Emphasis on performing with accuracy and efficiency. Students gain entry level skills required for work force. Activities are guided by a competency-based system.

RDG 0900 Developmental Reading 6
Prereq: CPT reading comprehension score below 55. Designed to help students develop confidence in their reading abilities. Enables students to discover basics of reading process through critical thinking, reading, writing and speaking.

RDG 0990 Advanced Reading 3
Prereq: RDG 0900 w/C or minimum 55 on CPT reading. Whole language format that develops critical thinking and comprehension skills. Prepares students to become full participants in courses requiring college-level reading.

REAP 1620 Basic Appraisal Principles 2
Teaches basic principles of real property value, appraisal reports, site analysis, evaluation, market area analysis and capitalization. HP 12C Financial Calculator or equivalent required.

REAP 1630 Basic Appraisal Procedures 2
Prereq: REAP 1620. Teaches market data and collection analysis for residential properties and development of costs, sales comparisons, income approaches, and property descriptions. HP 12C Financial Calculator or equivalent required.

REAP 1650 Gen. Appraisal Market Analysis 2
Prereq: REAP 1630 or Trainee Appraiser or higher designation. Course provides a step-by-step analysis of the real estate development processes, building design and construction, project financing & budgeting, leasing, property appraisal, tax issues & the sale of real estate. HP 12C Financial Calculator or equivalent required.

RFA 2300 Electrical Controls 2
This course covers equipment, tools, and codes associated with electrical components of refrigeration.

RFA 2310 Steam Systems 2
Prereq: Instructor's approval Electric pumps and steam systems and refrigeration will be covered.

RFA 2350 Refrigeration I 2
History of pipetrades, care and use of tools, basic instruction in steam fitter/pipefitter, math rigging, signaling, blueprint reading and interpretation will be covered.

RFA 2400 Air Conditioning I 2
This course introduces refrigerant principles and the basics of air-conditioning.

RFA 2410 Troubleshooting 2
Prereq: Instructor's approval. Students will learn pipe drafting, hydronic systems two and air-conditioning.

RFA 2450 Chillers 2
Theory and practical application of chillers including components, pumps, safety, and inspection.

RFA 2500 Shop Projects 2
This course allows students to complete hands-on projects in a supervised shop environment.

RFA 2510 Evaporators, Compressors, Cond 2
Prereq: Approval. Electric controls, introduction to industrial pipe fitting and power piping and introduction to start, test and balance will be taught.

RFA 2520 Refrigerant Controls 2
Prereq: Approval. Start, test and balance, instrumentation and process controls, builders' level and transit study will be examined.

RFA 2530 Start, Test and Balance I 2
The study of procedures for new or repaired equipment start-up, testing of all equipment phases, and balancing a system for proper performance.

RFA 2540 Start, Test and Balance II 2
Instruction in the physical preparation and start up of a new system including testing and balancing of all phases of the equipment performance.

RFA 2560 Instrumentation, Process Cntrl 2
Theory and hands on application of control and measurement instruments and process control including computer oriented control systems.

RFA 2570 Pneumatic Controls 2
Theory and hands on application study of pneumatic controls, materials for installation, trouble-shooting, and repair.

RFA 2580 Air Conditioning II 2
Advanced theory and hands on application of air conditioning principles, air handling equipment, installation, repair, and trouble-shooting.

RFA 2590 Refrigeration II 2
Advanced theory and hands on application of refrigeration principles, equipment, installation, repair, troubleshooting and advanced specialty equipment needs and requirements.

RFA 2600 Adv. Electricity & Electronics 2
Advanced study of electrical principles and applications to refrigeration systems and electronic controls including installation, repair, and trouble-shooting.

RFA 2610 Test Prep-Refrigeration 2
This course is to assist the Apprentice in preparation for Journeyman exam. It is a hands on practical application course of materials and equipment used in the trade.

RUS 1010 Beginning Russian I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

RUS 1020 Beginning Russian II (LN) 5
Prereq: RUS 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

RUS 1300 Beginning Conversation 1
Prereq: RUS 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

RUS 1900 Special Studies in Russian 1-3
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

RUS 2010 Intermediate Russian I 4
Prereq: RUS 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance is required.

RUS 2020 Intermediate Russian II 4
Prereq: RUS 2010 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

RUS 2300 Conversation 1
Prereq: RUS 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

RUS 2700 Introduction to Literature 3
Prereq: RUS 2010 or RUS 2020. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

RUS 2710 Intro to Russian Film 3
Prereq: RUS 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Russian. Lab attendance required.

RUS 2900 Special Topics in Russian 1-3
This is a course designed by faculty which allows students to explore specific interests in Russian language and culture. Lab attendance required. May be repeated for credit.

COURSE DESCRIPTIONS

SAM 1010 Beginning Samoan I 5
The first in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 1020 Beginning Samoan II (LN) 5
Prereq: SAM 1010 or instructor's approval. The second in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 1300 Beginning Conversation 1
Prereq: SAM 1010 or instructor's approval. Beginning Samoan Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

SAM 1900 Special Studies in Samoan 1-2
Prereq: Instructor approval. Students plan areas of study, service learning or travel & work with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

SAM 2010 Intermediate Samoan I 4
Prereq: SAM 1020 or instructor's approval. The second year of Samoan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 2020 Intermediate Samoan II 4
Prereq: SAM 1020 or instructor's approval. The second year of Samoan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 2300 Intermediate Conversation 1
Prereq: SAM 1020 or instructor's approval. Intermediate Samoan Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

SAM 2900 Special Topics in Samoan 1-3
This is a course designed by faculty which allows students to explore specific interests in Samoan language and culture. Lab attendance is required. May be repeated for credit.

SCI 1000 Integrated Science (ID) 3
Presents a broad overview of science, and is process and skills oriented, focusing on science and society, scientific thought, tools of science, and the skills required for science. Three hours of lecture per week.

SHA 1110 Stagehands 1A 5
This course provides the basic foundation for stagecraft with the basics of stage and scenic carpentry, electrical theory and stage electrics, properties, and on-the-job protocols.

SHA 1120 Stagehands 1B 5
Theatre history, stagecraft responsibilities and proper handling and storage of set pieces, and wardrobe.

SHA 1210 Stagehands 2A 5
Theory and practical application including lamps and cables, Trade Shows set-up and maintenance. Also costume dressing and management.

SHA 1220 Stagehands 2B 5
Theory and hands-on application for sound, lighting boards, forklift operation and certification, and construction and repair of stock scenery pieces.

SHA 2000 Stagehand CO-OP 2-4
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

SHA 2310 Stagehands 3A 5
Theory and practical hands-on application of stage carpentry and electrical, and instruction in Trade Show Electrical.

SHA 2320 Stagehands 3B 5
High lift and trade show rigging, audio-visual equipment and software, and an introduction to work within the film and movie industry.

SMA 1110 Sheet Metal IA 5
Prereq: Instructor's approval.
This introductory course presents curriculum in shop safety, tools and equipment, tool maintenance and fabrication. Seams, how they are designed and installed and drafting also are covered.

SMA 1118 Sheet Metal Welding 5
Specialty welding course for sheet metal industry offered at the specific request of industry with variable curriculum.

SMA 1120 Sheet Metal IB 5
Prereq: Instructor's approval. Applied techniques and principles of soldering, drafting, beginning lay-out and safety are presented in this course. Asbestos abatement and safety are discussed & the importance of identification & material handling are covered.

SMA 1180 Sheet Metal Welding II 5
Specialty welding course for sheet metal industry offered at the specific request of industry with variable curriculum.

SMA 1210 Sheet Metal IIA 5
Prereq: SMA 1120. This is a continuation of pictorial drawings, blueprint reading and pattern development.

SMA 1220 Sheet Metal IIB 5
Prereq: Instructor's approval. Course studies flashings, their design and purposes, metal roofs, designs and efficiency and vents. Code requirements for ventilation and fire protection, including dampers both manual and automatic are reviewed.

SMA 2000 Sheet Metal CO-OP 2-4
Prereq: Instructor's approval. College credit for experience on the job site. Arranged in advance. Requirements are determined by employer.

SMA 2310 Sheet Metal IIIA 5
Prereq: Instructor's approval. This is a study of complete heating and cooling systems including layout and design. Various fan needs and uses, fan balancing and air balancing are discussed and presented to students.

SMA 2320 Sheet Metal IIIB 5
Prereq: Instructor's approval. This is an in-depth study of architectural drawings, shop drawings and computer-aided drafting. Applied techniques of rigging and moving large or heavy objects in a combined space will be examined.

SMA 2410 Sheet Metal IVA 5
Prereq: Instructor's approval. Supervision, management, responsibilities involved and reporting process. Jobs and work schedules to accommodate all of the phases, computer estimating including material and labor costs.

SMA 2420 Sheet Metal IVB 5
Prereq: Instructor's approval. Electricity and application including low voltage, controls and control processes. Clean rooms & protocol for erecting a clean room environment; air quality; and blowpipe systems.

SMA 2480 Sheet Metal Blueprint Reading 5
Specialty blueprint reading course for the sheet metal industry. Includes symbols, codes, material usage, types of fabrication and usage.

SMA 2510 Sheet Metal Specialty 5
Special sheet metal course requested by industry for variable subjects and curriculum to meet industry needs.

SOC 1010 Intro to Sociology (SS) 3
The nature and scope of sociology, including systematic treatment of group life, social institutions, social problems, social change and social control.

SOC 1020 Social Problems (ID) 3
Cultural, economic and social aspects of specific problems in modern societies including famine, population, ecological disasters, war and terrorism, poverty, race/ethnic and gender inequality, family, crime, health and illness.

SOC 1500 Marriage and Family 3
Prereq: SOC 1010. This class examines the nature of marriage and family as an institution in society. Emphasis placed on the effects of modern social structures and cultural values on interpersonal relationships and family life.

SOC 1900 Independent Studies 1-3
Prereq: SOC 1010. Under the instructor's supervision, students develop and follow an individualized curriculum.

SOC 2370 Gender in America (SS, DV) 3
Prereq: SOC 1010 or PSY 1010. Social construction of gender, connections between biological sex and gender; theories of gender socialization; impact of gender on relationships and communication; connection between social institutions and gender.

SOC 2400 IntermountainWest & People(ID) 3
A basic study of the region known as the Intermountain West, its land and its people. It is a holistic approach including its geography, history, culture, and social institutions.

SOC 2500 Social Psychology 3
Prereq: SOC 1010 or PSY 1010. Social psychology focuses on understanding the behavior of individuals in social contexts. It is concerned with how and why individuals behave, think, and feel as they do in their social interactions.

SOC 2600 Marriage and Family 3
Prereq: SOC 1010. This class examines the nature of marriage and family as an institution in society. Emphasis placed on the effects of modern social structures and cultural values on interpersonal relationships and family life.

SOC 2630 Race and Ethnicity (SS, DV) 3
Prereq: SOC 1010. Role of ethnic and racial minorities in the United States and the processes which arise when groups of people who differ come into contact with each other will be studied.

SOC 2680 Sociology of Aging 3
Prereq: SOC 1010. This class introduces problems concerning the social role of the aged in industrial societies and the general field of aging. Biological, psychological, and sociological aspects of aging will be emphasized.

SOC 2900 Special Topics 1-3
Prereq: SOC 1010. This is a course designed by faculty which allows students to explore specific interests in areas of sociology in a classroom setting.

SPN 1010 Beginning Spanish I 5
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

SPN 1020 Beginning Spanish II (LN) 5
Prereq: SPN 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

SPN 1300 Beginning Conversation 1
Prereq: SPN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

SPN 1900 Special Studies in Spanish 1-2
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

SPN 2010 Intermediate Spanish I 4
Prereq: SPN 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance is required.

SPN 2020 Intermediate Spanish II 4
Prereq: SPN 2010 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

SPN 2300 Conversation 1
Prereq: SPN 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

SPN 2700 Introduction to Literature 3
Prereq: SPN 1020 or SPN 2020. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

SPN 2710 Intro to Spanish Film 3
Prereq: SPN 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Spanish. Lab attendance required.

SPN 2900 Special Topics in Spanish 1-3
This is a course designed by faculty which allows students to explore specific interests in Spanish language and culture. Lab attendance required. May be repeated for credit.

SURG 1200 Intro to Surgical Technology 6
Fundamentals course in Surgical Technology.

SURG 1300 Beginning Surgical Practicum 6
Prereq: Admission into technical program. This course is a co-op education work experience in a clinical health facility under the direct supervision of the personnel in facility. Student expected to meet objectives.

SURG 2200 Advanced Surgical Theory 6
Prereq: SURG 1200. Course introduces student to more advanced surgical practices, such as circulating duties, equipment and surgical procedures.

SURG 2300 Advanced Surgical Practicum 6
Prereq: SURG 1300. Course is a co-op work experience in a clinical health facility under direct supervision of personnel in facility. Student is expected to meet certain objectives.

SVT 1010 Introduction to Surveying 1
Covers a historical tour of surveying from its beginnings to the present. The course will emphasize mathematical and technological progress as well as the role of surveyors in the beginning of America.

SVT 1030 Surveying Field Techniques I 3
Prereq: SVT 1110 or MATH 1060. This course provides hands-on experience with survey equipment. Horizontal traverses, levels, distance measuring techniques and devices, including how to take field notes are explored.

SVT 1110 Surveying Math I 4
Prereq: MATH 1010 or CPT score. Considers survey applications of algebra, trigonometry and analytic geometry. Includes bearing systems, elevations, traverse, adjustments & measurements corrections, horizontal/vertical curves, areas & volumes, partitioning of land, division calculations and intersections.

SVT 1120 Surveying Math II 4
Prereq: SVT 1110. Encompasses survey applications of astronomical observations, state plane coordinate systems, error analysis, restoration of lost corners, least square adjustment, horizontal control networks.

SVT 2000 Surveying CO-OP Education 1-3
Prereq: Sophomore w/minimum 2.0 GPA. study related employm. Supervised work experience in a business, industrial or government environment related to the program major. Credit is awarded for successful completion of specific objectives that provide new learning in the job & program.

SVT 2020 Public Land Surveying 3
Prereq: SVT 1030 and SVT 1120. Covers a detailed study of land systems, including general & special instructions, lost & obliterated corners, single & double proportion, monumentation, riparian boundaries laps, hiatuses mineral surveys & official survey documents.

SVT 2030 Surveying Field Techniques II 3
Prereq: SVT 1030. Field experience in construction surveying and staking, encompassing GPS fundamentals, radial surveying, robotics, total stations, data collection methods, coordinate creation/ adjustment, public lands/state plane coordinate systems, etc.

SVT 2040 Control Surveys 3
Prereq: SVT 1120. Accuracy levels and field procedures used to obtain them are explored. Calculation techniques for control networks, triangulations, trilateration and traverse use are dealt with at length. G.P.S. will be emphasized.

COURSE DESCRIPTIONS

SVT 2050 Legal Descriptions 3
Prereq: ENGL 2100, SVT 1120, SVT 2020 or concurrent. This course is about writing and understanding survey legal descriptions. Latent & patent ambiguities, basis of bearing and interpretation of terms are integrated into the course.

SVT 2060 Ethics and Liability 2
This is a course study of professional practice(s) with emphasis on survey liability cases.

SVT 2100 Land Development 3
Prereq: SVT 1110. Land planning techniques used in residential and commercial developments are discussed. Subdivision, condominiums, cluster housing, industrial parks and commercial complexes are studied and approval procedures are explained.

SVT 2110 Photogrammetry 3
Prereq: SVT 1110. This course is an in-depth study of photo identification, stereographic interpretation, geometry and measurements from aerial photography.

SVT 2120 Land Information Systems 3
Computerized information networks and related land use are discussed and studied. Additionally graphic layering & case studies are conducted on various systems that are currently in use.

SVT 2160 Land Boundary Law I 2
The study of responsibilities of the land boundary surveyor, in protecting rights and interest of the land. Ownership and transfer of real property, systems for land descriptions, statute law, common law & presumptions are discussed.

SVT 2170 Land Boundary Law II 2
Prereq: SVT 2160 recommended but not required. Course studies researching of common law, location of sequential conveyances, location of simultaneous conveyances and unwritten transfers.

SVT 2200 Public Records 2
Prereq: SVT 2160, SVT 2170 or concur. & SVT 2050 or concur. Students will study public records relating to land and its governing laws. This course requires tours of local record systems & law libraries. Extensive research & how to access & use the various systems will be explored.

SVT 2290 Applied Surveying Drafting 3
Prereq: EDDT 2190 and SVT 1030. This course is to develop a working knowledge of CAD as it relates to the profession of land surveying. Designing and drafting plats, utility master plans, digital terrain models, plan and profile sheets, and layouts from legal descriptions will be covered.

SVT 2990 Special Topics 1-3
Prereq: Instructor Approval. This course is designed so the students can work on special individualized projects under the supervision of the instructor.

SW 1010 Introduction to Social Work 3
This is an introduction to the multi-skilled, multi-disciplinary role of the social worker within the community.

SW 1900 Independent Studies 1-2
Prereq: SW 1010. Under the instructor's supervision, students will develop and follow an individualized curriculum.

SW 2100 Human Behavior/Soc Environ 3
Prereq: SW 1010. Students will study interrelatedness of social, cultural, and environmental factors that combine with biological and psychological components to mold human behavior.

SW 2230 Intro Group Therapy Process 2
Prereq: SW 1010, SW 2100. This is an applied workshop-styled experience where students will experience group dynamics through the classroom process.

SW 2280 Drugs and Alcohol Abuse 2
Prereq: SW 1010. Drugs and alcohol abuse and its effect on individuals, as well as intervention variables from a social work perspective will be studied.

SW 2650 Social Welfare Policy 3
Students will examine the development of social welfare policies and programs in the United States as well as legislation that sanctions social services programs.

SW 2720 Mental Health 2
Prereq: SW 1010. This course examines society's attempts in understanding and treating mental illness.

SW 2750 Ethics/Soc Wk Professionals 2
Prereq: SW 1010. This is an examination of the ethical, legal, and moral questions that confront social workers.

SW 2900 Special Topics 1-3
This is a course designed by faculty which allows students to explore specific interests in social work in a classroom setting.

SW 2920 First-Year Soc Wrk Internship 2
Prereq: SW 2100. This is a supervised work experience in social work setting in a community agency.

SW 2930 Second-Year Soc Wrk Internship 3
Prereq: SW 2920. This is supervised work experience in a social work setting in a community agency. This course may be taught with a service-learning component. Check course schedule for details.

TECH 1010 Technology and the Future (ID) 3
Course looks at the past, present and future of technology and its impact on society and the individual. Through discussions, videos, demonstrations, and opportunities to create or evaluate new inventions, you will explore the future of your life and work.

TECH 1020 Language of Tech. Design (ID) 3
Exploration of technical drafting in the design process, trends, basic skills in AutoCad, the future of diverse design professions. Create a portfolio and resume. Class hours include lab time to complete assignments.

TED 1010 Intro to Utah Schools 3
Course provides an overview of the Utah public school system for professional educators from foreign countries. Topics include curriculum, laws, special education and the history of education to prepare students for state licensure.

TELA 1110 Telecommunications IA 5
This course teaches the different types of the structured cabling systems and the backbone needed to support them. Installations techniques for backbone cabling, copper horizontal cabling and fiber optics are addressed.

TELA 1120 Telecommunications IB 5
This course teaches Electrical Code and theory for grounding/bonding, ground faults and grounding electrode systems. Signal characteristics and troubleshooting will also be covered.

TELA 1210 Telecommunications IIA 5
This course will cover the effects of electrical power on telecommunications signals and corrective measures. Fiber optic termination theory, to include the mechanics of fiber vs copper will also be included.

TELA 1220 Telecommunications IIB 5
In this course, students will learn cable infrastructure including codes, entrance facilities, testing, trouble-shooting, vendor certification and administrative documentation. CCTV and CATV systems will be covered.

TELA 2251 Analog Microwave 2
Prereq: Approval from UPRR. This class covers types of modulation, analog transmitters, receivers, and transceivers. Receiver performance tests, microwave alarms and microwave diversity and coupling are covered and hands-on exercises are emphasized.

TELA 2252 MDS - Radio Systems 2
Prereq: Approval from UPRR. Covers types of modulation, FM transmitters, receivers and transceivers. FM radio performance tests, transmission lines, resonant cavities, dual point distribution systems and hands-on exercises are emphasized.

TELA 2253 Telecommunications Basics 2
Prereq: Approval from UPRR. Covers fundamentals of microwave measurements, multiplexing, communications impairments, and hybrid systems. Hands-on exercises are emphasized.

TELA 2254 Telephony 2
Prereq: Approval from UPRR. Covers the basics of telephony systems, hybrid telephony systems, tie trunks and multiplexers. Hands-on exercises and POTS circuit testing are emphasized.

TELA 2255	VHF - Base Radio Systems	2
Prereq: Approval from UPRR. Covers modulation techniques, VHF transmitters, receivers and transceivers. Transmission lines, FM radio performance checks and the AVTEC Radio System are covered and hands-on exercises are emphasized.		
TELA 2310	Telecommunications IIIA	5
This course begins with electronic theory, integrating systems, electromechanics and controls, DC power theory, invertors, rectifiers as it applies to UPS systems and Central Offices. Advanced fiber optics concludes the course.		
TELA 2320	Telecommunications IIIB	5
The final course in this series includes Building Management Systems, such as access, security, and intelligent buildings. IP Telephony and premise PBX systems are taught. Advanced Outside Plant (OSP) is also included.		
TELE 1090	Intro to Telecom Installation	2
Covers basic telecom installation standards, worker conduct at customer sites, workmanship guidelines, cable color codes, labeling, and use of installation tools. Students learn to identify common telecom components.		
TELE 1110	Telecommunication Cabling	2
Covers CAT 5-6 copper and fiber optical installation, grounding & bonding, use of high end cable scanners, OTDR's, optical power meters, and fusion splicers. Students can earn two industry recognized certifications.		
TELE 1120	BICSI Level I Installer Trng.	3
Covers voice and data structured cabling systems, standards, plans & specifications, media transmission characteristics, fire stopping and termination. The class prepares students for the BICSI Level 1 Registration exam.		
TELE 1131	Home Automation X10 Technology	2
Course covers integration of TV, lighting, home entertainment sound, heating controls, and home security systems through X-10 Technology which uses existing wiring in homes to send signals from a systems controller to sensors all over the house.		
TELE 2000	Telecommunications Co-op Ed.	1-5
Prereq: Department Approval. Allows coursework to be integrated with subject area related to on-the-job experience with departmental approval. The course requirements may be met with an internship.		
TELE 2040	Basic Programming for Tech.	2
Prereq: ELET 1040. This class familiarizes students with the fundamental concepts of C++ and Visual BASIC programming. Students work on projects directly related to, and in support of their electronics training.		
TELE 2110	BICSI Level 2 Installer Trng.	3
Prereq: Two years related industry experience. Covers voice and data structured cabling systems, standards, plans & specifications, media transmission characteristics, fire stopping and termination. The class prepares students for the BICSI Level 2 Registration exam.		
TELE 2120	BICSI Technician Training	3
Prereq: Five years related industry experience. Covers voice and data structured cabling systems, standards plans & specifications, media transmission characteristics, fire stopping and termination. The class prepares students for the BICSI Technician Registration exam.		
TELE 2130	Home Automation II	3
Prereq: TELE 1130. Covers computer networking, voice and data configurations for residential applications, programmable devices and implementation of X10 and CEBus technologies.		
TELE 2208	Microsoft Desktop Support	2
Microsoft Official Curriculum		
TELE 2210	MCSA/MCSE Module 1	4
Prereq: Computer Literacy. Prepares students for Microsoft exams 70-270, Windows XP Professional and 70-290, Installing, Configuring, and Administering Microsoft Windows 2003 Server Environment. This satisfies two of the core MCSA/MCSE requirements.		
TELE 2211	Microsoft 2272C Windows XP	2
Prereq: Computer Literacy. Prepares students for the Microsoft exams 70-270 and Windows XP Professional.		

TELE 2212	Manage & Maintain 2003 Server	2
Prereq: TELE 2211. Course teaches students to install, configure, administer, & support primary services in Microsoft Windows Server 2003 operating system. Textbook will help students prepare for the Microsoft Certified Professional examination 70-290.		
TELE 2213	Server Network Infrastructure	2
Prereq: TELE 2212. Microsoft Official Curriculum.		
TELE 2220	MCSA/MCSE Module 2	4
Prereq: TELE 2210. Prepares students for Microsoft exams 70-291, Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure and 70-227, Installing, Configuring, & Administering Microsoft Internet Security & Acceleration (ISA) Server 2000 Enterprise Edition.		
TELE 2230	MCSA/MCSE Module 3	4
Prereq: TELE 2210. Prepares students for Microsoft exams 70-293, Planning & Maintaining MS Windows Server 2003 Network Infrastructure and 70-294, Planning, Implementing & Maintaining MS Windows Server 2003 Active Directory Infrastructure.		
TELE 2251	Analog Microwave	2
Prereq: Approval from instructor. Class covers types of modulation, analog transmitters, receivers, and transceivers. Receiver performance tests, microwave alarms and microwave diversity and coupling are covered and hands-on exercises are emphasized.		
TELE 2252	MDS - Radio Systems	2
Prereq: Approval from instructor. Covers types of modulation, FM transmitters, receivers and transceivers. FM radio performance tests, transmission lines, resonant cavities, dual point distribution systems and hands-on exercises are emphasized.		
TELE 2253	Telecommunications Basics	2
Prereq: Approval from instructor. Covers fundamentals of microwave measurements, multiplexing, communications impairments, and hybrid systems. Hands-on exercises are emphasized.		
TELE 2254	Telephony	2
Prereq: Approval from instructor. Covers the basics of telephony systems, hybrid telephony systems, tie trunks and multiplexers. Hands-on exercises and POTS circuit testing are emphasized.		
TELE 2255	VHF - Base Radio Systems	2
Prereq: Approval from instructor. Covers modulation techniques, VHF transmitters, receivers and transceivers. Transmission lines, FM radio performance checks and the AVTEC Radio System are covered and hands-on exercises are emphasized.		
TELE 2320	Computer Maintenance (A+) Cert	4
Prereq: CIS 1020 or equivalent. Troubleshooting, maintenance, and upgrade of PC's. Covers setup, memory management, data back-up, and hardware/software diagnostic procedures. The course is designed to prepare students for the CompTIA A+ examination.		
TELE 2337	Microsoft MCSE Series Module 7	2
Prereq: TELE 2333. This course consists of a variable elective in the MCSE Series. The specific course material will be based on the demand from students who are completing the seven exam series or want to broaden their background.		
TELE 2340	Telecommunication Syst Design	4
Prereq: TELE 1110. Design course based on TIA/EIA standards and the BICSI Telecom Design Methods Manual. Covers network architectures and all types of transmission media. Students who complete the course receive an industry recognized LAN Designer cert.		
TELE 2341	Designing LANs & Internetworks	4
In-depth coverage of the design rules, configuration options and media selection criteria for today's most popular LAN and internetworking technologies. Real world vendor spec sheets are used to design LAN and WAN configurations.		
TELE 2342	Design & Inst of Fast Ethernet	4
Covers fast ethernet protocols, and design criteria for fast ethernet LAN's. 100 BASE-T LAN's are emphasized. 100VG-AnyLAN is also covered and compared with 100BASE-T.		

COURSE DESCRIPTIONS

TELE 2343 Design & Inst of Gb Ethernet 4

Prereq: Knowledge of Ethernet networks. Review of network principles and LAN troubleshooting. Examination of network cabling & topology configurations with reference to performance at different ethernet network speeds. Covers design considerations for Gigabit ethernet.

TELE 2344 Troubleshooting Ethernet Syst 4

Prereq: Knowledge of Ethernet networks. Examines ethernet errors and troubleshooting problems. Also reviews the roles of protocols and troubleshooting problems related to protocols. Students use Fluke One Touch Network Assistant in troubleshooting lab projects.

TELE 2400 Intro to Computer Networking 4

Prereq: Computer Literacy. This course covers networking administration and support, media and topologies, protocols and standards, and network implementation. The focus of the course is to prepare students for the CompTIA NET+ certification exam.

TELE 2410 Fundamentals of Linux Networks 4

Prereq: CIS 1020 or equivalent. Designed to prepare students to take CompTIA's Linux+ certification. Students will learn installing, configuring, administering, maintaining, and troubleshooting Linux.

TELE 2420 Linux Network Administration 4

Prereq: TELE 2410 or equivalent. Designed to prepare students to take the Red Hat Certified Technician (RHCT) exam. Students will learn the limitations of hardware under Linux, configuration of the X Window System, essential Linux System administration and more.

TELE 2430 Advanced Linux Network Adminis 4

Prereq: TELE 2420 or equivalent. Designed to prepare students to take the Red Hat Certified Engineer (RHCE) exam. Students will learn network file systems, advanced system administration, setup & management of enterprise networking services, & security for Linux servers.

TELE 2461 Network Routing & Switching I 4

Prereq: CIS 1020. Covers first two modules of the Cisco CCNA Network Academy Training to prepare students to take the Cisco CCNA exam. It covers network essentials with an introduction to routers and routing protocols. Students fabricate cables & LANs.

TELE 2462 Network Switching & Routing II 4

Prereq: TELE 2461. Covers second two modules of the Cisco Network Academy training to prepare students to take the Cisco CCNA exam. It covers network switches, routers, routing protocols, and troubleshooting fundamentals.

TELE 2463 Internetworking Design 4

Prereq: TELE 2461. Prepares students for the Cisco Certified Design Associate (CCDA) examination. Covers the design of routed & switched networks involving LAN, WAN, and dial access services for businesses and organizations.

TELE 2464 Building Scalable Networks 4

Prereq: TELE 2462 or CCNA certificate. Prepares students for one of the four required examinations (640-503), for the Cisco Certified Network Professional (CCNP.) Covers routing principles, extending IP addresses, configuring OSPF in single & multiple areas, configuring EIG & Border Gateway protocols, & optimizing router update ops.

TELE 2465 Blding. Scalable Internetworks 4

Prereq: TELE 2462 or CCNA Certificate. Prepares students for one of the four required examinations (640-504) for the Cisco Certified Network Professional (CCNP.) Covers CGMP, multicasts, multilayer switching, spanning tree, switching interconnectivity, trunking & VLAN ops.

TELE 2466 Remote Access Networks 4

Prereq: TELE 2462 or CCNA Certificate. Prepares students for one of the four required examinations (640-505) for the Cisco Certified Network Professional (CCNP.) Covers remote connections, cabling & WAN components, configuring asynchronous connections, PPP, PAP, & CHAP, ISDN & DRP technologies, X25 & frame relay, & IP addresses.

TELE 2467 Network Trblshooting & Support 4

Prereq: TELE 2462 or CCNA certification. Prepares students for one of the four required examinations (640-506) for the Cisco Certified Network Professional (CCNP.) Covers layer-specific troubleshooting, info sources, troubleshooting tools, and troubleshooting techniques.

TELE 2468 CCNA Test Preparation 1

Prereq: TELE 2462 or equivalent experience. This course is an intensive boot camp designed to prepare students for the Cisco CCNA certification examination. Students should have completed a CCNA training program or have equivalent industry experience.

TELE 2470 Convergent Network Technology. 4

Covers converging technologies in telephone system operation and design, including various transmission media, PSTN services, and satellite links. The course emphasizes voice data, and video transmission.

TELE 2510 Computer Network Security 4

Prereq: TELE 2461. This course covers communication security, infrastructure security, cryptography, access control, authentication, external attack and operational and organization security. Students prepare for CompTIA Security+ Certification exam.

TELE 2520 Information Systems Security 4

Prereq: TELE 2410 or equivalent. Designed to prepare students to take the SANS GIAC Security Essential Certification (GSEC). Topics: routing & host security, info warfare, web security, network vulnerabilities, intrusion detection, risk mgmt., cryptography, and more.

TELE 2530 Adv. Security Arch. & Models 4

Prereq: TELE 2520 or equivalent. Designed to prepare students to take the International Security Consortium's Certified Information Systems Security Professional (CISSP) exam. Topics: access control systems & methodologies, business continuity planning, law, and more.

TELE 2540 Prin/Survivability Info Assur. 4

Prereq: Fundamental understanding of IT, previous experience with computer systems. Examines principles for survivability and information assurance within an enterprise system. Topics include: survivability within an enterprise's networked systems and managing risk information and assurance policy.

TELE 2550 Info Assurance Network Fund. 4

Prereq: TELE 2540. Examines networking security for enterprise systems. Using networking tools, security concepts are examined with respect to the TCP/IP protocol, UDP, and Ethernet. Students explore and identify vulnerabilities.

TELE 2560 Survivable Functional Units 4

Prereq: TELE 2540, TELE 2550. Using captured network traffic and other network and organizational artifacts, students manage the network according to system survivability, information assurance principles, and networking concepts.

TELE 2610 Wireless Networks 4

Prereq: TELE 2462 or equivalent networking experience. The class covers fundamentals of wireless communication networks, including the Public Switched Telephone Network, modern transmission systems and multiplexing techniques, and local and wide area data network technologies.

TELE 2700 Introduction to Wireless 2

Prereq: CIS 1020 or equivalent. This course is intended to give students an overview of 802.11 wireless networking.

TELE 2710 Bluetooth Wireless 2

Prereq: CIS 1020 or equivalent. This course is intended to give students an overview of 802.15 wireless networks, piconets and home automation.

TELE 2720 Wireless for the SoHo 2

Prereq: CIS 1020 or equivalent. This course is intended to give an overview of subnet- masking and fire-walling. It will also teach how to provide secure wireless in small office/home environments.

TELE 2810 Comp. Forensics 1st Responder 2

Prereq: basic computer literacy. Familiarize first responders with computer forensics processes and how to protect and secure evidence from contamination and damage for future analysis.

TELE 2820 Comp. Forensics Analyst Part I 4

Prereq: TELE 2810. Designed for those who will be involved in retrieving and analyzing data from computer drives and other storage media.

TELE 2830 Comp. Forensics Analyst Pt II 4

Prereq: TELE 2810, TELE 2820. An extension of TELE 2820. Designed for those who will be involved in retrieving and analyzing data from computer drives and other storage media.

TELE 2900 Telecommunications Sp. Topics 1-5
Prereq: Department Approval. Special topics allow students to pursue interests not offered elsewhere in the program. Credit hours and course of study will be based on departmental approval. The course syllabus will outline documentation requirements of student.

THEA 1013 Survey of Theatre (FA) 3
Survey of Western theatre from ritual to contemporary theatre. Students explore the role of theater from an Indo- European and Asian perspective in the development of modern thought, culture, politics and society.

THEA 1023 Introduction to Film (FA) 4
Introduces students with no previous film training to historical, technical, and aesthetic developments of film within its cultural context. Film genres examined. Some materials presented are R-rated. Also listed as FLM 1023.

THEA 1033 Acting I-Basic Acting 3
This provides an introduction to the basic aspects of the acting process. Emphasis is placed on techniques of acting with exercises in improvisation, monologues and duo scenes.

THEA 1070 Film and Culture (FA, DV) 4
Course intended to raise diversity awareness through aesthetic, critical, and interdisciplinary examination of our American Cultural Identity through film. Presents film as an art form, as an industry, and ultimately a system of cultural representation and communication.

THEA 1090 Bridging the Arts (FA) 3
Course examines the interconnectedness of arts, dance, music and theatre by investigating the artistic elements and common threads within the creative process to develop an informed appreciation for one's own artistic values.

THEA 1160 Technical Theatre I-Lab 3
Prereq: Concurrent with THEA 1513. Course provides practical backstage experience with emphasis on stagecraft.

THEA 1170 Technical Theatre II-Lab 3
Prereq: Concurrent with THEA 1560. Course provides practical backstage experience with emphasis on lighting and sound.

THEA 1171 Technical Theatre III-Lab 3
Prereq: Concurrent with THEA 2513. Course provides practical backstage experience with emphasis on design.

THEA 1190 Production 3
Course is designed to involve students as a company in production of one-act plays, reader's theatre and/or a full-length play. Can be repeated for credit.

THEA 1223 Make-up 3
This is an introduction to methods and materials of stage make-up. A make-up kit is required.

THEA 1513 Technical Theatre I-Stagecraft 3
Prereq: Concurrent with THEA 1160. Introduction to theatre production, stage design, the practicality of technical theatre and technical stage production. Set design, set construction, scene painting, budget control and working with a production staff.

THEA 1560 Tech Theatre II-Lighting/Sound 3
Prereq: THEA 1160, THEA 1513, concurrent w/ THEA 1170. This class teaches lighting and sound through design, instrument placement, and operation of control boards.

THEA 1900 Special Projects in Theatre 1-3
Prereq: Instructor approval. Students will plan their areas of study, performance and/or technical work with full-time instructor on an individual basis.

THEA 2033 Acting II-Scene Acting 3
Prereq: THEA 1033 or instructor approval. This is a continuation of THEA 1033. Emphasis will focus on improving stage skills, development of character, play will be the final project.

THEA 2150 Acting III-Audition 3
Prereq: THEA 1033 or instructor approval. Introduction to audition techniques for students who have taken basic acting or have a strong performance background. Students prepare three contrasting monologues and a resume, work with cold readings and meet with local talent agencies.

THEA 2200 Introduction to Film Criticism 4
Prereq: ENGL 1010, THEA 1023 or FLM 1050, or THEA/FLM 1070. Film or theatre majors explore in-depth critical aspects of film including aesthetic and technical developments that have influenced film from its inception to present day. Students will view key films. Some R-rated films presented.

THEA 2443 Musical Theatre Performance 3
Prereq: THEA 1033 or instructor approval. This course explores artistic elements of musical theatre through performance of its form and style.

THEA 2513 Technical Theatre III-Design 3
Prereq: THEA 1160, THEA 1513, concurrent w/ THEA 1171. Students will learn advanced design, construction and rigging techniques, drafting elevation and modeling for construction and backstage management.

THEA 2520 Creative Dramatics 2
Intro to theories, concepts and methodology of creative drama as an aid to teaching all subjects. Students develop lesson plans and carry them out in a laboratory experience with children. There is a service-learning component.

THEA 2900 Special Topics 1-3
This is a course designed by faculty which allows students to explore specific areas of interest in theatre in a class- room setting.

THEA 2990 Performing Arts Connections 2
Prereq: Department's approval. This is a collaboration of dance, music, theatre and/or art students to create individual works to be performed in the Performing Arts Showcase.

TNG 1010 Beginning Tongan I 5
The first in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

TNG 1020 Beginning Tongan II (LN) 5
Prereq: TNG 1010, or instructor's approval. The second in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

TNG 1300 Beginning Conversation 1
Prereq: TNG 1010 or instructor's approval. Beginning Tongan Conversation is intended to practice previously acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

TNG 1900 Special Studies in Tongan 1-2
Prereq: instructor's approval. Students plan areas of study, service learning or travel & work with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

TNG 2010 Intermediate Tongan I 4
Prereq: TNG 1020 or instructor's approval. The second year of Tongan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

TNG 2020 Intermediate Tongan II 4
Prereq: TNG 1020 or instructor's approval. The second year of Tongan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

TNG 2300 Intermediate Conversation 1
Prereq: TNG 1020 or instructor's approval. Intermediate Tongan Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

TNG 2900 Special Topics in Tongan 1-3
This is a course designed by faculty which allows students to explore specific interests in Tongan language and culture. Lab attendance required. May be repeated for credit.

TRVL 1010 Intro to Hospitality & Travel 2
This course investigates the travel and hospitality industry, addressing theories, planning, and environmental issues. Students will gain a general knowledge of how and why public and private tourism businesses exist.

COURSE DESCRIPTIONS

TRVL 1020 Travel Destinations 2
This course overviews the relevancy of geography to tourism and hospitality. Exploration of destinations around the world will expose their individuality and fascination.

TRVL 1030 Travel Reservations 2
Students will gain knowledge and skills needed to research, plan and book air travel. Terminology, policies and procedures of airline travel and airline reservations will be discussed.

TRVL 1040 Automated Air Reservations 2
Students will practice booking, maintaining, changing and canceling air reservations using RTS®, hands-on Computer Reservation System, simulation of Sabre®, in conjunction with the online tutorial.

TRVL 1050 Travel Sales and Trends 2
Students will study sales techniques including telephone business manners, listening skills and tools for targeting the traveler. Web trends in the industry will also be discussed.

TRVL 1060 Air Fares U.S. Domestic 2
This course presents the basics of air fares including terms, codes, fare construction principles and fare application rules necessary to find, interpret and apply the lowest applicable fares for clients.

TRVL 1070 ARC Documents 1
Prereq: Recommend concurrent with TRVL 1040. This is an introductory course to ticketing. Various ticketing types, forms, policies/procedures per Airline Reporting Corporation (ARC), forms of payment, refunds and exchanges will be discussed.

TRVL 1080 Automated Air Fares & Tickets 2
Prereq: Recommend concurrent with TRVL 1040. This course will introduce students to finding the lowest fares for clients utilizing the RTS® hands-on Computer Reservation System, simulation of Sabre®, in conjunction with the online tutorial.

TRVL 1090 Ground Transportation 2
This course will introduce students to the basics of car rental policies/procedures, codes, pricing/distribution, and rail travel including Amtrak, VIA Rail, BritRail/Eurail and train accommodations, services and fare structure.

TRVL 2010 Hotels and Lodging 1
This course will cover the fundamentals of the hotel product, rate structure, property & room classifications, codes, published/automated resources and non-automated reservation procedures & the variables that affect prices.

TRVL 2015 Automated Trvl Accommodations 1
Prereq: TRVL 1040, TRVL 1080. Students will practice selecting, booking, maintaining, changing and canceling car rental & hotel room reservations using the RTS® hands-on Computer Reservation System (CRS), simulation of Sabre® in conjunction w/ the online tutorial.

TRVL 2020 The Cruise Market 2
This course overviews the basics of cruises including classifications, destinations, types of cruises, and non- automated reservation procedures. Students will gain knowledge of how to book the right cruise for any client.

TRVL 2030 Selling Vacation Pkgs & Tours 2
This course overviews the basics of tour including; components of tours, tour destinations, types of vacation packages, print & electronic resources, non-automated tour booking procedures & function of tour operator/wholesaler.

TRVL 2040 Fares & Tickets International 1
This course introduces students to international air travelers including two basic Intel faring systems, mileage/routing & currency procedures, Intel fare basis codes, base fares, taxes & surcharges.

VET 1010 Intro/ to Veterinary Technician 3
Survey of the veterinary technician profession including roles, office procedures, ethics, legal guide and career choices. Basics in animal behavior patterns, handling, restraint, nutrition, care, handling and terminology.

VET 1120 Animal Nursing 3
Develop skills in restraint, handling and nursing techniques in dogs & cats. Learn basics of obtaining lab specimens, assessing vital signs, obtain/take histories, administer medication, and record management.

VET 1130 Ward Care I 1
Prereq: VET 1010, Concurrent with VET 1120. Practical experience in daily animal care for professional, stable and ward facilities. Keeping patient records, supplying proper nutrition, handling post-surgical patients and treatments.

VOC 2000 Cooperative Education 1-3
Work experience for credit. Can be applied toward vocational /technical elective credits in the General Studies Program. Students may earn 1 to 3 credits per semester, and 6 credits total.

WLD 1005 Related Welding 3
Students will learn basic principles of the arc and acetylene welding including flat and horizontal welds; brazing and cutting techniques.

WLD 1110 Fundamentals of Welding 4
Prereq: Concurrent with WLD 1111. Course covers the theory of shielded metal arc welding, oxy-acetylene welding and cutting. Study of electrode classification and Mastery of Safety procedure.

WLD 1111 Fundamentals of Welding Lab 8
Prereq: Concurrent with WLD 1110. Practical lab applications of shield metal arc welding, oxy-acetylene welding and cutting. Study of electrode classification, mastery of safety, rolling bend test.

WLD 1120 Welding Processes and Quality 4
Prereq: WLD 1110, WLD 1111, concurrent w/WLD 1121. Study of welding joint design, defects and the properties of metals. Destructive testing, code procedures, plasma arc and air cabin arc cutting, brazing and braze welding. Emphasis on welder qualifications for A.W.S. Certification.

WLD 1121 Welding Processes/Quality Lab 8
Prereq: WLD 1110, WLD 1111, or equiv; concurrent w/WLD 1120. Advanced welding, thermal cutting, braze welding, and fabrication. Numerical-ly controlled cutting and an emphasis on A.W.S. Certification preparation.

WLD 1199 Specialty Training in Welding 1-8
Varied credit and contact hours to train students in industry specific specialty areas as requested by industry.

WLD 1230 Gas Shield Weld Inspection 4
Prereq: WLD 1120, WLD 1121, or equiv.; concurrent w/WLD 1231. Theory of wire feed weld on ferrous and nonferrous base metals. Theory of welding metallurgy and shielding gas and filler metal. MIG and TIG welding including emphasis on qualification for A.W.S. Certification.

WLD 1231 Gas Shield Weld/Inspection Lab 8
Prereq: WLD 1220, WLD 1221 or equiv.; concurrent w/WLD 1230. Practical hands on lab application of GMAW to include short arc (MIG) and spray arc transfer, GTAW (TIG) on ferrous and nonferrous base metals. Practical maintenance and repair welding application. Emphasis on A.W.S. Certification prep.

WLD 1240 Flux Core, Pipe Fabrication 4
Prereq: WLD 1230, WLD 1231, or equiv; concurrent w/WLD 1241. Theory of FCAW (inner shield and dual shield), SAW (submerged arc welding), pipe welding and fitting, layout, and fabrication including blueprint reading and interpretation. Emphasis on A.W.S. prep for Certification.

WLD 1241 Flux Core, Pipe Fab Lab 8
Prereq: WLD 1230, WLD 1231, or equiv; concurrent w/WLD 1240. Practical Lab application of flux core arc welding (FCAW), submerged arc welding (SAW), pipe welding and layout, fabrication, and pipe welding techniques. Emphasis on A.W.S. Certification prep.

WLD 1260 Blueprint for Welding 3
Study of welding, blueprint reading and drawing. Special study of pipe symbols, welding symbols and layout work.

WLD 1299 Specialty Training – Welding 1-8
Designed to assist students to obtain specialized training specific to industry needs. Is taught on an as needed basis when requested by industry with variable contact and credit hours.

WLDA 1005 Related Welding 3
Students will learn basic principles of the arc and acetylene welding including flat and horizontal welds, brazing and cutting techniques.

- WLDA 1110 Fundamentals of Welding 4**
Prereq: Concurrent with WLDA 1111. Course covers the theory of shielded metal arc welding, oxy-acetylene welding and cutting. Study of electrode classification and Mastery of Safety Procedure.
- WLDA 1111 Fundamentals of Welding Lab 2**
Prereq: Concurrent with WLDA 1110. Practical lab applications of shielded metal arc welding, oxy-acetylene welding and cutting. Study of electrode classification, mastery of safety, guided bend test.
- WLDA 1120 Welding Processes and Quality 4**
Prereq: WLDA 1110, WLDA 1111, Concurrent with WLDA 1121. Study of welding joint design, defects, and properties of metal. Destructive testing, code procedures, plasma arc and air carbon arc cutting, brazing and braze welding. Emphasis on welder qualification for A.W.S. Certification.
- WLDA 1121 Welding Processes/Quality Lab 2**
Prereq: WLDA 1110, WLDA 1111, concurrent with WLDA 1120. Advanced welding, thermal cutting, braze welding, and fabrication. Numerically controlled cutting and an emphasis on Certification preparation with the A.W.S.
- WLDA 1199 Specialty Training in Welding 3-4**
Varied credit and contract hours to train students in industry specific specialty areas as requested by industry.
- WLDA 1230 Gas Shield Wdg/Inspection Gas 4**
Prereq: WLDA 1120, WLDA 1121, Concurrent with WLDA 1231. Theory of Wire feed weld on ferrous and nonferrous base metals. Theory of welding metallurgy and shielded gas and filler metal. Mig and Tig welding including emphasis on qualification for A.W.S. Certification.
- WLDA 1231 Gas Shield Weld/Inspection Lab 2**
Prereq: WLDA 1120, WLDA 1121, Concurrent with WLDA 1230. Practical hands on lab application of GMAW to include short arc (MIG) and spray arc transfer, GTAW (TIG) on ferrous and nonferrous base metals. Practical maintenance and repair welding application. Emphasis on A.W.S. Certification prep.
- WLDA 1240 Flux Core, Pipe Fabrication 4**
Prereq: WLDA 1230, WLDA 1231, Concurrent with WLDA 1241. Theory of FCAW (inner shield and dual shield), SAW submerged arc welding), pipe welding and fitting, layout, and fabrication including blueprint reading and interpretation. Emphasis on A.W.S. prep for Certification.
- WLDA 1241 Flux Core, Pipe Fabrica. Lab 2**
Prereq: WLDA 1230, WLDA 1231, Concurrent with WLDA 1240. Practical Lab application of flux core arc welding (FCAW), submerged arc welding (SAW), pipe welding and layout, fabrication, and pipe welding techniques. Emphasis on A.W.S. Certification preparation.
- WLDA 1260 Blueprint for Welding 3**
Study of welding blueprint reading and drawing. Special study of pipe symbols, welding symbols, and layout work.
- WLDA 1299 Specialty Training – Welding 4**
Designed to assist students to obtain specialized training specific to industry needs. Is taught on an as-needed basis when credit requested by industry with variable contact and credit hours.
- WLDA 2000 Welding CO-OP 2-4**
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.
- WRTG 0900 Basic Writing 5**
Prereq: ACT score of 14-15 or CPT score of 40-59 or ESL 1010 and ESL 1020 w/C or better. Designed for students with little writing experience. Introduces them to the writing process while building confidence and fluency. Students learn writing as a social act intended for different audiences and purposes.
- WRTG 0990 College Preparatory Writing 3**
Prereq: ACT score of 16-19 or CPT score of 60-80 or WRTG 0900 w/C or better. Prepares students for college-level writing. Uses discussion, critical thinking, reading and writing to discover ideas and meaning for writer and reader alike.

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1973 BA VALDOSTA STATE COLLEGE
1978 MS TROY STATE UNIVERSITY
English

Lee Brinton, Assistant Professor 10/16/1995
1983 BS UNIVERSITY OF UTAH
1984 MS UNIVERSITY OF UTAH
Engineering

Janet Brohm, Associate Professor 10/01/1995
1975 BS SOUTHERN ILLINOIS UNIVERSITY
1980 MEd SOUTHERN ILLINOIS UNIVERSITY
Family and Human Studies

Kim Brown, Associate Professor 09/01/1990
1987 BA UTAH STATE UNIVERSITY
Digital Media Technology

Katherine Bruner, Assistant Professor 08/16/2001
1994 AAS SALT LAKE COMMUNITY COLLEGE
1999 BS UNIVERSITY OF OHIO-FINDLEY
2005 MEd UNIVERSITY OF UTAH
Occupational Therapy Assistant

Brent Budd, Assistant Professor 09/28/1987
1972 BFA UNIVERSITY OF UTAH
Visual Art and Design

Robert Burdette, Assistant Professor 08/01/2000
1979 BA UNIVERSITY OF UTAH
1993 MS WASHINGTON SCHOOL OF LAW
Accounting

Robert (Nick) Burns, Assistant Professor 01/05/2004
1987 BA OREGON STATE UNIVERSITY
1989 MA OREGON STATE UNIVERSITY
Communications

George Butler, Assistant Professor 01/01/2006
1970 AAS SALT LAKE COMMUNITY COLLEGE
Welding

Katerina Calderone, Assistant Professor 02/01/2002
1987 BA UNIVERSITY OF NEW MEXICO
1993 MS UNIVERSITY OF UTAH
2001 BS WESTMINSTER COLLEGE
Psychology

Jerry Carlson, Instructor 10/01/1991
2002 AS SALT LAKE COMMUNITY COLLEGE
Aviation Technology/Professional Pilot

David Carney, Assistant Professor 08/16/2001
1988 BA UNIVERSITY OF IOWA
1991 MA UNIVERSITY OF IOWA
Humanities/Art History

Diana Carroll, Assistant Professor 01/01/1989
1981 AS STEVENS HENAGER
Medical Assistant

Mia Carsey, Instructor 01/07/2002
1992 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1995 AS SALT LAKE COMMUNITY COLLEGE
2001 BS UNIVERSITY OF UTAH
Surgical Technology

Christopher Case, Assistant Professor 08/16/2004
1983 BS UNIVERSITY OF NEVADA LAS VEGAS
1987 MA UNIVERSITY OF NEVADA LAS VEGAS
2002 PhD UNIVERSITY OF NORTH ARIZONA
History

Sheila Chambers, Professor 09/23/1991
1981 BS CALIFORNIA STATE UNIVERSITY
1998 MFA MARYWOOD UNIVERSITY
Visual Arts and Design

Eric Chandler, Instructor 08/01/1999
1959 BS OHIO STATE
1999 AAS SALT LAKE COMMUNITY COLLEGE
Aviation Technology/Aviation Maintenance

Basil Chelemes, Instructor 08/16/2005
1988 BS WESTMINSTER COLLEGE
1990 MBA WESTMINSTER COLLEGE
Business Management

G. Jimmy Chen, Associate Professor 01/01/1994
1982 BS NATIONAL CENTRAL UNIVERSITY
1988 MS UNIVERSITY OF UTAH
1991 PhD UNIVERSITY OF UTAH
Computer Science

Larry Christensen, Associate Professor 08/01/1970

1967 BS BRIGHAM YOUNG UNIVERSITY
 1973 MS BRIGHAM YOUNG UNIVERSITY

Psychology

Ron Christiansen, Instructor 07/01/1997

1994 BA BRIGHAM YOUNG UNIVERSITY
 1998 MA UNIVERSITY OF UTAH

English

Carolyn Clark, Professor 09/16/1994

1971 BS STANFORD UNIVERSITY
 1973 MA UNIVERSITY OF WASHINGTON
 1975 TEACHING CERTIFICATE UNIVERSITY OF CALIFORNIA - DAVIS
 1996 PhD UNIVERSITY OF UTAH

Communication

Norman Clark, Instructor 01/01/1989

1953 LICENSED ARCHITECT UNIVERSITY OF UTAH
 2001 BS UTAH STATE UNIVERSITY
 2004 MS UTAH STATE UNIVERSITY

Architectural Technology

Jon Clark, Instructor 08/16/2006

1986 MFA UTAH STATE UNIVERSITY

Fine Arts

Joel Clarkson, Instructor 08/16/2000

1981 CERTIFICATE IDAHO STATE UNIVERSITY
 1997 AS SALT LAKE COMMUNITY COLLEGE
 1999 BS WEBER STATE UNIVERSITY

Engineering Design/Drafting Technology

Shay Clemensen, Assistant Professor 07/16/2003

1998 BA BRIGHAM YOUNG UNIVERSITY
 2002 MEd UTAH STATE UNIVERSITY

Health and Lifetime Activities

John Close, Professor 09/16/1992

1978 BS ST. JOHN UNIVERSITY
 1988 MA MANKATO STATE UNIVERSITY
 1991 MS UNIVERSITY OF UTAH

Developmental Education/Math

Dennis Coates, Assistant Professor 04/01/1989

1964 AS SNOW JUNIOR COLLEGE
 1966 BA WEBER STATE UNIVERSITY

Computer Science

Alfred Cole, Assistant Professor 08/16/2001

1965 BS UNIVERSITY OF UTAH
 1967 MBA UNIVERSITY OF UTAH

Marketing

Nathan Cole, Assistant Professor 09/16/1994

1992 BA SAN DIEGO STATE
 1994 MA BRIGHAM YOUNG UNIVERSITY

English

Jolynn Collins, Instructor 01/01/2004

1991 AS SALT LAKE COMMUNITY COLLEGE
 1994 BS UNIVERSITY OF UTAH
 1995 CERTIFICATE SOUTHERN UTAH UNIVERSITY

SC Adult Basic Education

Jennifer Courtney, Assistant Professor 08/16/2005

1994 BA UNIVERSITY OF CALIFORNIA - RIVERSIDE
 1998 MA SAN DIEGO STATE UNIVERSITY

SC Adult Basic Education

Robert Cox, Professor 06/01/1975

1967 BS BRIGHAM YOUNG UNIVERSITY
 1968 MBA UNIVERSITY OF UTAH

Business Management

Andrea Crittenden, Assistant Professor 08/16/2003

1995 AAS SALT LAKE COMMUNITY COLLEGE
 1996 AS SALT LAKE COMMUNITY COLLEGE
 1997 BS UNIVERSITY OF UTAH
 1999 MS UNIVERSITY OF UTAH

Nursing

Robyn Cruft, Associate Professor 10/08/1992

1989 BA UTAH STATE UNIVERSITY
 1991 MA UNIVERSITY OF UTAH
 1991 TESOL UNIVERSITY OF UTAH

English-As-A-Second Language

Charles Cummins, Professor 07/01/1986

1962 BS BRIGHAM YOUNG UNIVERSITY
 1966 MS BRIGHAM YOUNG UNIVERSITY
 1977 EdD BRIGHAM YOUNG UNIVERSITY

Math

Walter Cunningham, Instructor 08/16/2004

1988 BS BRIGHAM YOUNG UNIVERSITY

Engineering Design/Drafting Technologies

Susan Curtis, Assistant Professor 07/01/1988

1995 AAS SALT LAKE COMMUNITY COLLEGE

Barbering /Cosmetology

William Cushenberry, Instructor 08/16/2006

1988 DIPLOMA SALT LAKE COMMUNITY COLLEGE

Aviation Maintenance

Rick Dalton, Instructor 05/01/1991

1973 HS DIPLOMA SALT LAKE COMMUNITY COLLEGE

Professional Truck Driving

Richard Darnell, Assistant Professor 01/01/1967

1990 AA UNIVERSITY OF STATE OF NEW YORK

Telecommunications

Robert Dastrup, Instructor 08/16/2006

2006 MAT UNIVERSITY OF UTAH
 2002 BS UNIVERSITY OF UTAH
 2000 AS SALT LAKE COMMUNITY COLLEGE

Geosciences

Mary-Jayne Davis, Associate Professor 09/01/1988

1986 BA UNIVERSITY OF UTAH
 1989 MA UNIVERSITY OF UTAH

English

Rolayne Day, Professor 01/01/1976

1973 BS UTAH STATE UNIVERSITY
 1977 MA UTAH STATE UNIVERSITY

Marketing/Bus Communication/Paralegal

Sharon DeReamer, Assistant Professor 08/16/2001

1978 BS UNIVERSITY OF WISCONSIN-MADISON
 1992 MS UNIVERSITY OF TEXAS-DALLAS

Computer Science

Rodney Derrick, Assistant Professor 12/01/1988

1973 AAS SALT LAKE COMMUNITY COLLEGE

Barbering/Cosmetology

Wilma Dolowitz, Assistant Professor 08/01/2004

1969 BS UNIVERSITY OF UTAH
 1972 ADN WEBER STATE UNIVERSITY
 1973 BSN UNIVERSITY OF UTAH
 1995 MSN UNIVERSITY OF PHOENIX
 2004 CERTIFICATE UNIVERSITY OF UTAH

Nursing

Stephanie Dowdle, Assistant Professor 09/01/1999

1993 BA BRIGHAM YOUNG UNIVERSITY
 1995 MA BRIGHAM YOUNG UNIVERSITY
 1999 PhD INDIANA UNIVERSITY OF PENNSYLVANIA

English

FULL-TIME FACULTY CREDENTIALS

Alan Drechsel, Instructor 04/01/1979
1996 CERTIFICATE MOUNTAINLAND APPLIED
TECHNOLOGY CENTER

Professional Truck Driving

Kim Dumas, Assistant Professor 08/16/2004
1989 ADN WEBER STATE UNIVERSITY
1995 BSN WEBER STATE UNIVERSITY
2001 MSN WESTMINSTER COLLEGE

Nursing

Mark Dumas, Assistant Professor 10/01/1997
1989 BS SOUTHERN UTAH UNIVERSITY
1993 MSPH UNIVERSITY OF UTAH
Environmental Technology

James Dykman, Instructor 08/16/2005
1976 MA BRIGHAM YOUNG UNIVERSITY
1986 MPA BRIGHAM YOUNG UNIVERSITY
Humanities

Christine Eckel, Assistant Professor 08/16/1998
1993 BA UNIVERSITY OF CALIFORNIA-BERKELEY
1997 MA UNIVERSITY OF CALIFORNIA-BERKELEY
Biology

Nina Edgmand, Professor 09/15/1986
1970 BA BRIGHAM YOUNG UNIVERSITY
1995 MA WESTMINSTER COLLEGE
Communications

Larry Egelund, Professor 10/01/1988
1967 BA BRIGHAM YOUNG UNIVERSITY
1968 MA UNIVERSITY OF WYOMING
Computer Information Systems

George Ellington, Associate Professor 09/16/1995
1987 BA SAN FRANCISCO STATE UNIVERSITY
1990 MA SAN FRANCISCO STATE UNIVERSITY
2001 MA UNIVERSITY OF UTAH
English-As-A-Second Language

Maureen Ellison, Professor 09/01/1977
1979 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1971 BS UTAH STATE UNIVERSITY
1989 MS UTAH STATE UNIVERSITY
Computer Information Systems

Edward Engh, Assistant Professor 08/22/2001
1981 BS UNIVERSITY OF UTAH
1984 MBA UNIVERSITY OF UTAH
Business Management

Kathryn Eppler, Associate Professor 08/20/1998
1984 BS UNIVERSITY OF UTAH
1986 MS UNIVERSITY OF UTAH
1993 BS UNIVERSITY OF UTAH
1997 MS UNIVERSITY OF UTAH
Math

Chad Fail, Instructor 08/16/2002
1998 AAS SALT LAKE COMMUNITY COLLEGE
2000 AAS SALT LAKE COMMUNITY COLLEGE
2002 BS UTAH VALLEY STATE COLLEGE
Building Construction/Construction Management

Sara Farida, Assistant Professor 08/16/2003
1977 BS KARNATAK UNIVERSITY, DHARWAD, INDIA
1979 MS KARNATAK UNIVERSITY, DHARWAD, INDIA
1990 PhD GULBARGA UNIVERSITY, GULBARGA, INDIA
Engineering/Electrical

Melaney Farr, Assistant Professor 06/01/2003
1994 BS UNIVERSITY OF NORTH TEXAS
1999 MS UNIVERSITY OF NORTH TEXAS
Biology

Steffeny Fazzio, Associate Professor 09/16/1990
1966 AA COLLEGE OF EASTERN UTAH
1969 BA UNIVERSITY OF UTAH
1991 MA UTAH STATE UNIVERSITY
Developmental Education/Writing

Lyle Ferguson, Assistant Professor 10/15/1997
1999 AAS SALT LAKE COMMUNITY COLLEGE
Barbering/Cosmetology

Allison Fernley, Associate Professor 09/16/1989
1982 BA UNIVERSITY OF UTAH
1984 MA UNIVERSITY OF UTAH
English

Craig Ferrin, Assistant Professor 06/10/2002
1986 BA UNIVERSITY OF UTAH
1987 MA NORTHWESTERN UNIVERSITY
2003 PhD UNIVERSITY OF UTAH
Fine Arts/Music

Val Finlayson, Assistant Professor 09/16/2001
1963 BA UNIVERSITY OF UTAH
1966 MA UNIVERSITY OF UTAH
1969 PhD UNIVERSITY OF UTAH
Physics

Steven Fogg, Assistant Professor 01/01/2000
2005 AS SALT LAKE COMMUNITY COLLEGE
2005 CERTIFICATE MICROSOFT
2006 CERTIFICATE MICROSOFT
2004 CERTIFICATE MICROSOFT
Electronics and Computer Technology SC

Steve Ford, Assistant Professor 07/01/1986
1975 AAS SALT LAKE COMMUNITY COLLEGE
1980 AAS SALT LAKE COMMUNITY COLLEGE
1980 CERTIFICATE SALT LAKE COMMUNITY COLLEGE/
UTAH STATE UNIVERSITY
Apprenticeship/Related Instruction

Marie Frankos, Instructor 08/16/2006
1998 BS WEBER STATE UNIVERSITY
Dental Hygiene

Kenneth Freeman, Associate Professor 03/29/1994
1984 BS BRIGHAM YOUNG UNIVERSITY
1991 MS RUTGERS
Physical Therapist Assistant

Gordon Frisbey, Professor 07/01/1985
1972 BS WEBER STATE UNIVERSITY
1990 MS WESTMINSTER COLLEGE
Computer Information Systems

Julie Gay, Associate Professor 10/01/1990
1988 BS UTAH STATE UNIVERSITY
1989 MS UTAH STATE UNIVERSITY
Digital Media Technology

Frank Gerrish, Assistant Professor 07/01/1990
1985 BFA UNIVERSITY OF RHODE ISLAND
1988 MFA PENNSYLVANIA STATE
Fine Arts/Film

Luther Giddings, Instructor 07/01/2005
1985 BS UNIVERSITY OF UTAH
1993 PhD OHIO STATE UNIVERSITY
Chemistry

Drusilla Glascoe, Associate Professor 01/01/1990
1958 BM BOSTON CONSERVATORY OF MUSIC
1986 MS UNIVERSITY OF UTAH
Psychology

Mark Glines, Associate Professor 09/23/1991
1989 CERTIFICATE MOUNTAIN WEST JR. COLLEGE
1986 BS WEBER STATE UNIVERSITY
1999 Med WEBER STATE UNIVERSITY
Developmental Education/Math

Joshua Gold, *Assistant Professor* 08/16/2001
 1980 BA STATE UNIVERSITY OF NEW YORK
 1988 MA UNIVERSITY OF OREGON
 1994 PhD UNIVERSITY OF OREGON
Political Science

Christine Gonzales, *Assistant Professor* 10/01/1990
 1973 BA BRIGHAM YOUNG UNIVERSITY
 1979 MA BRIGHAM YOUNG UNIVERSITY
Language and Culture

Kerry Gonzales, *Assistant Professor* 08/16/2002
 1980 BFA UNIVERSITY OF UTAH
Visual Art and Design

Anne Graham, *Professor* 03/16/1993
 1967 BS WASHINGTON UNIVERSITY-ST. LOUIS
 1970 MS STANFORD
 1974 PhD STANFORD
Sociology

Richard Graham, *Professor* 07/01/1986
 1991 BFA UNIVERSITY OF UTAH
 1996 MFA UNIVERSITY OF UTAH
Visual Art and Design

Donald Gren, *Professor* 09/16/1988
 1980 AS RICKS COLLEGE (BYU-IDAHO)
 1983 BS BRIGHAM YOUNG UNIVERSITY
 1985 MS BRIGHAM YOUNG UNIVERSITY
 1988 MBA UNIVERSITY OF UTAH
 2004 PhD UNIVERSITY OF UTAH
Business Management

Maria Griffith, *Instructor* 08/16/2005
 1975 BA CALIFORNIA STATE UNIVERSITY
 2002 MAE UNIVERSITY OF PHOENIX
Developmental Education

Bryan Griggs, *Instructor* 07/01/2003
 1989 AAS RICKS COLLEGE (BYU-IDAHO)
 1993 BFA ART CENTER COLLEGE
Visual Art and Design

Neal Grover, *Instructor* 08/16/2004
 1979 PhD UTAH STATE UNIVERSITY
 1976 MS UTAH STATE UNIVERSITY
 1976 BS UTAH STATE UNIVERSITY
Automotive and Related Technologies

Lana Gruendell, *Associate Professor* 05/01/1987
 1979 AAS SALT LAKE COMMUNITY COLLEGE
 1990 BFA UNIVERSITY OF UTAH
Visual Arts and Design

Shawna Haider, *Associate Professor* 08/16/1999
 1987 BS UNIVERSITY OF UTAH
 1999 MS UNIVERSITY OF UTAH
Math

James Hampton, *Professor* 07/01/1985
 1962 BS UNIVERSITY OF UTAH
 1964 MS UNIVERSITY OF UTAH
 1970 PhD RICE UNIVERSITY
Biology

Larry Hancock, *Professor* 04/18/1988
 1977 BS UTAH STATE UNIVERSITY
 1993 MS UTAH STATE UNIVERSITY
Aviation Technology/Aviation Maintenance

Traci Hardell, *Assistant Professor* 07/01/2005
 1991 BSN UNIVERSITY OF PHOENIX
 1991 CERTIFICATE HEALTHCARE MARKETING
 1995 MN UNIVERSITY OF PHOENIX
Nursing

Maryln Harmer, *Associate Professor* 01/28/1999
 1986 BS UTAH STATE UNIVERSITY
 1989 MS US SPORT ACADEMY
Health and Lifetime Activities

Lora Harpster, *Assistant Professor* 04/01/1991
 1988 BS UNIVERSITY OF UTAH
 1993 MS UNIVERSITY OF UTAH
Psychology

Jerri Harwell, *Instructor* 08/16/2006
 1979 BS OAKLAND UNIVERSITY
Developmental Education

Shauna Hatfield, *Assistant Professor* 08/16/1998
 1989 BS WEBER STATE UNIVERSITY
 1990 MS WEBER STATE UNIVERSITY
Accounting

Melissa Helquist, *Assistant Professor* 08/16/2002
 1998 BA BRIGHAM YOUNG UNIVERSITY
 2000 MA COLORADO STATE UNIVERSITY
English

Richard Hemingway, *Assistant Professor* 08/17/1999
 1959 CERTIFICATE CLEVELAND INSTITUTE OF RADIO
 ELECTRONICS
 1968 BS UNIVERSITY OF UTAH
 1992 CERTIFICATE UNISYS-ISO INTERNAL AUDITOR
 2001 CERTIFICATE COMP TIA - A+
 2001 CERTIFICATE COMP TIA - NETWORK+
 2001 CERTIFICATE CERTIFIED INTERNET WEBMASTER
 2002 CERTIFICATE COMP TIA - SERVER+
 2003 CERTIFICATE COMP TIA - LINUX+
 2003 CERTIFICATE LINUX ADMINISTRATOR
 2003 MS ALMEDA UNIVERSITY
Electronics and Computer Technology

Charles Hemming, *Instructor* 01/09/1998
 1995 BS IDAHO STATE UNIVERSITY
 1995 MS IDAHO STATE UNIVERSITY
 1997 MS IDAHO STATE UNIVERSITY
Developmental Education/Math

Martha Hess, *Assistant Professor* 09/01/1994
 1964 BS UTAH STATE UNIVERSITY
 1970 MA UTAH STATE UNIVERSITY
Adult Basic Education SC

Marilyn Hibbert, *Associate Professor* 07/01/1986
 1970 BS UTAH STATE UNIVERSITY
Computer Information Systems

Francoise Hibbs, *Professor* 10/01/1988
 1967 MA UNIVERSITY OF TOULOUSE
 1984 PhD STANFORD UNIVERSITY
Language and Culture

Judith Higgins, *Instructor* 08/16/2005
 1994 MA UNIVERSITY OF KANSAS
 1999 MA UNIVERSITY OF KANSAS
Humanities

John Hill, *Associate Professor* 08/16/2000
 1988 AS BROOKDALE COMMUNITY COLLEGE
 1989 AA BROOKDALE COMMUNITY COLLEGE
 1991 BS THOMAS A EDISON STATE COLLEGE
 1993 MS JERSEY CITY STATE COLLEGE
 2001 MA NEW JERSEY CITY UNIVERSITY
 2001 DCJ HAWTHORNE UNIVERSITY
Criminal Justice

FULL-TIME FACULTY CREDENTIALS

Kathy Himle, Associate Professor 01/02/1996
 1996 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
 1996 CERTIFICATE NOVELL - INSTRUCTOR
 1997 CERTIFICATE NOVELL - ENGINEER
 2001 CERTIFICATE COMP TIA - A+
 2002 CERTIFICATE COMP TIA - NETWORK+
 2002 CERTIFICATE COMP TIA - SERVER+
 2003 AS SALT LAKE COMMUNITY COLLEGE
 2006 BS EXCELSIOR COLLEGE
Electronics and Computer Technology

Helen Hogan, Associate Professor 04/01/1992
 1967 BA OBERLIN COLLEGE
 1968 MAT UNIVERSITY OF NORTH CAROLINA
Developmental Education/Writing

Terrance Hoganson, Instructor 10/16/2004
 1989 AAS SHERIDAN COLLEGE
Visual Arts and Design

Champangorn Holumyong, Instructor 01/01/2005
 1999 BA THAMMASAT UNIVERSITY
 2000 MA CHULALONGKORN UNIVERSITY
Department

Mary Holter, Instructor 08/16/2002
 1971 BS UNIVERSITY OF OKLAHOMA
 1991 MS UNIVERSITY OF TEXAS
Nursing

Joy Holumyong, Instructor 01/01/2005
 1999 BA THAMMASAT UNIVERSITY
 2000 MA CHULALONGKORN UNIVERSITY
Business & Economics

Jane Hook, Professor 01/06/1987
 1978 AA SALT LAKE COMMUNITY COLLEGE
 1993 BS UTAH STATE UNIVERSITY
 2000 MA UTAH STATE UNIVERSITY
Engineering Design/Drafting Technology

Marianna Hopkins, Associate Professor 05/01/1986
 1973 BA UNIVERSITY OF UTAH
 1982 E.S.L. CERTIFICATE UNIVERSITY OF UTAH
 1980 TEACHING CERTIFICATE UNIVERSITY OF UTAH
 1992 MS UTAH STATE UNIVERSITY
Developmental Education/ Writing

Gary Howard, Associate Professor 08/16/1993
 1974 BA UNIVERSITY OF PITTSBURGH
 1977 MA UNIVERSITY OF PITTSBURGH
English

Joseph Howell, Professor 07/01/1985
 1973 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
 1976 BS UNIVERSITY OF UTAH
 1978 MBA UNIVERSITY OF UTAH
 1983 JD UNIVERSITY OF UTAH
Finance and Economics

Dean Huber, Associate Professor 01/01/1990
 1977 BA UNIVERSITY OF UTAH
 1981 MA UNIVERSITY OF UTAH
English-As-A-Second Language

David Hubert, Associate Professor 09/16/1994
 1987 BS COLORADO STATE UNIVERSITY
 1990 MA UNIVERSITY OF CONNECTICUT
 1995 PhD UNIVERSITY OF CONNECTICUT
Political Science

Harry Hughes, Assistant Professor 09/01/1998
 1971 AS NASSAU COMMUNITY COLLEGE
 1973 BS HUNTER COLLEGE
 1988 PhD CUNY GRADUATE SCHOOL & UNIVERSITY
Psychology

Daniel Hutchings, Instructor 08/16/2004
 2004 BS UNIVERSITY OF UTAH
Telecommunications

Whitney Hyans, Associate Professor 08/16/1998
 1990 BS WEBER STATE UNIVERSITY
 1993 BS WEBER STATE UNIVERSITY
 1996 MS SAVANNAH COLLEGE OF ART & DESIGN
Visual Art and Design

Gustavo Ibarra, Professor 09/16/1994
 1974 BS NORMAL SUP. NAYARIT
 1976 MS BRIGHAM YOUNG UNIVERSITY
 1980 PhD BRIGHAM YOUNG UNIVERSITY
 1988 TEACHING CERTIFICATE UTAH STATE UNIVERSITY,
 WSU, INTER AMERICA,
 BRIGHAM YOUNG UNIVERSITY
Health and Lifetime Activities

Howard Ingle, Assistant Professor 10/01/1982
 1972 BS CENTRAL MICHIGAN UNIVERSITY
 1991 Med UNIVERSITY OF UTAH
Psychology

Alexander Izrailevsky, Assistant Professor 09/16/2000
 1974 BA GORKY URAL STATE UNIVERSITY
 1974 MA GORKY URAL STATE UNIVERSITY
 1980 PhD ACADEMY OF SCIENCE OF THE USSR
Humanities

Debora Jackson, Instructor 02/16/2006
 1983 CERTIFICATE UTAH VALLEY STATE COLLEGE
 1994 ASN REGENTS
 2001 BS UNIVERSITY OF UTAH
 2004 MS UNIVERSITY OF UTAH
 2006 PMC UNIVERSITY OF UTAH
Nursing

Duane Jacobs, Professor 08/01/1986
 1968 BS ARIZONA ST UNIVERSITY
 1969 MS UTAH STATE UNIVERSITY
 1973 EdD BRIGHAM YOUNG UNIVERSITY
Computer Science

Suzanne Jacobs, Instructor 02/01/2001
 1993 BS COLGATE UNIVERSITY
 1997 MS UNIVERSITY OF COLORADO AT BOULDER
Humanities

Melissa Jacobsen, Instructor 01/10/2005
 1999 BS BRIGHAM YOUNG UNIVERSITY
 2002 MS BRIGHAM YOUNG UNIVERSITY
Biology

David James, Associate Professor 09/25/1998
 2000 AA SALT LAKE COMMUNITY COLLEGE
Building Construction/Construction Management

Rosemary Jamieson, Associate Professor 07/01/1994
 1972 BS MT. MERCY COLLEGE
 1978 MS UNIVERSITY OF NORTHERN IOWA
 1993 CERTIFICATE APPALACHIAN STATE UNIVERSITY
Learning Center

DeeAnn Jensen, Professor 09/01/1989
 1974 BS BRIGHAM YOUNG UNIVERSITY
 1975 MS BRIGHAM YOUNG UNIVERSITY
 2003 CERTIFICATE AMERICAN HEALTH INFORMATION
 MANAGEMENT ASSN.
 2003 CERTIFICATE AMERICAN ACADEMY OF
 PROFESSIONAL CODERS
Office Information System

K. C. Jensen, Instructor 08/01/1999
 1980 AS CATONSVILLE COMMUNITY COLLEGE
 1982 BS BRIGHAM YOUNG UNIVERSITY
 1990 JD BRIGHAM YOUNG UNIVERSITY
Marketing/Bus. Communication/Paralegal

Richard Jensen, Professor 09/15/1986
 1968 BS UTAH STATE UNIVERSITY
 1971 MA UTAH STATE UNIVERSITY
English

Weltha Jensen, Instructor 08/01/2006
 1980 ASN WEBER STATE UNIVERSITY
 1991 BS WEBER STATE UNIVERSITY
 1997 MS UNIVERSITY OF UTAH
Nursing

Dorleen Jensen, Associate Professor 11/01/1986
 1969 BS UNIVERSITY OF UTAH
 1991 MS UNIVERSITY OF UTAH
Geosciences

Karen Johnsen, Associate Professor 09/30/1986
 1969 BA UNIVERSITY OF UTAH
 1998 MA UNIVERSITY OF PHOENIX
Developmental Education/Reading, Learning Enhancement

Jerry Johnson, Assistant Professor 09/15/1987
 1985 CERTIFICATE NATIONAL INSTITUTE FOR AUTO
 SERVICE EXCELLENCE
Automotive and Related Technologies

Roger Johnson, Assistant Professor 08/16/2003
 1987 BS UNIVERSITY OF UTAH
 2000 MS BRIGHAM YOUNG UNIVERSITY
Communications

Kathleen Johnston, Instructor 07/01/2005
 1976 BA UC SANTA CRUZ
 1987 MA UNIVERSITY OF SOUTHERN CALIFORNIA
Developmental Education

Shirley Jones, Professor 01/01/1992
 1961 BA BRIGHAM YOUNG UNIVERSITY
 1969 MA UNIVERSITY OF UTAH
 1993 PhD UNIVERSITY OF UTAH
Communications

Karl Jorgensen, Associate Professor 10/01/1992
 1988 BS WEBER STATE UNIVERSITY
 1992 BS WEBER STATE UNIVERSITY
 2004 MEd UTAH STATE UNIVERSITY
Office Information Systems

Vinayak Kamdar, Instructor 08/16/2004
 1960 BS OREGON STATE UNIVERSITY
 1961 MS VIRGINIA POLYTECHNIC
 1974 MBA WEST VIRGINIA UNIVERSITY
Engineering/Metallurgical

Art Kanehara, Assistant Professor 07/01/1994
 1989 BA UNIVERSITY OF UTAH
 1993 MA UNIVERSITY OF UTAH
Communications

Susumu Kasai, Professor 09/16/1997
 1973 BS CARLETON COLLEGE
 1992 MA UNIVERSITY OF MISSOURI/COLUMBIA
 1997 MS UNIVERSITY OF MISSOURI/ST LOUIS
Computer Information System

Mary Jane Keleher, Instructor 08/16/2004
 1991 BS FRANKLIN UNIVERSITY
 1992 BS FRANKLIN UNIVERSITY
 1994 MS OHIO UNIVERSITY
 1994 2nd.MS OHIO UNIVERSITY
 2004 PhD BRIGHAM YOUNG UNIVERSITY
Biology

J. Terry Kidd, Instructor 08/16/2004
 1968 BS UTAH STATE UNIVERSITY
 1969 MAT JOHNS HOPKINS UNIVERSITY
Developmental Education

Karen Killinger, Associate Professor 01/01/1995
 1982 BS FT. VALLEY STATE COLLEGE
 1992 MS EMBRY-RIDDLE AERONAUTICAL
 UNIVERSITY

Business Management

Lynn Kilpatrick, Instructor 08/16/2005
 1991 BA UNIVERSITY OF OREGON
 1998 MA WESTERN WASHINGTON UNIVERSITY
 2004 PhD UNIVERSITY OF UTAH
English

Kevin King, Associate Professor 08/01/1996
 1989 BA CAL POLY SAN LUIS OBISPO
Architectural Technology

Whitney King, Associate Professor 08/16/1998
 1990 BS WEBER STATE
 1994 BFA WEBER STATE UNIVERSITY
 1996 MFA SAVANNAH COLLEGE OF ART & DESIGN
Visual Art and Design

Duane Kinner, Instructor 09/16/2001
 1999 BS GALLAUDET
American Sign Language/Interpreting

Keith Knavel, Assistant Professor 12/28/1994
 1995 AS SALT LAKE COMMUNITY COLLEGE
 1995 AAS SALT LAKE COMMUNITY COLLEGE
 1997 BS UTAH STATE UNIVERSITY
Diesel Systems Technology

Frank Komatar, Associate Professor 07/01/1985
 1965 BS MONMOUTH COLLEGE
 1971 MS UNIVERSITY OF WISCONSIN
Geosciences

Randal Koziatsek, Professor 04/01/1992
 1984 BS INDIANA UNIVERSITY
 1985 MS INDIANA UNIVERSITY
Computer Information Systems

Mark Kranendonk, Assistant Professor 09/16/1994
 1997 AS SALT LAKE COMMUNITY COLLEGE
Diesel Systems Technology

Carla Kulinsky, Associate Professor 01/04/1988
 1979 BA UNIVERSITY OF DENVER
 1993 BS UNIVERSITY OF UTAH
 1998 MS UNIVERSITY OF UTAH
Developmental Math

Karen Kwan, Instructor 08/16/2005
 1985 BA PEPPERDINE UNIVERSITY
 1988 MA PEPPERDINE UNIVERSITY
Psychology

Susan Labasky, Professor 03/01/1990
 1982 BS UNIVERSITY OF UTAH
 1987 MS BRIGHAM YOUNG UNIVERSITY
 2004 PhD UNIVERSITY OF UTAH
Nursing

Melodee Lambert, Associate Professor 09/01/1985
 1970 BS BRIGHAM YOUNG UNIVERSITY
 1980 MEd UNIVERSITY OF UTAH
Marketing/Business Communications/Paralegal

George Lange, Instructor 09/01/1986
 1984 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Skilled Trades (HVAC)

Stanley Lawrence, Professor 07/01/1985
 1975 AAS SALT LAKE COMMUNITY COLLEGE
 1986 BS WEBER STATE COLLEGE
 1996 MA UNIVERSITY OF PHOENIX
Apprenticeship/Electronics and Computer Technology

FULL-TIME FACULTY CREDENTIALS

Rachel Lawyer, Assistant Professor 10/01/1992

1971 BS UTAH STATE UNIVERSITY
2000 MS UNIVERSITY OF UTAH

Developmental Education/Math

Roger Lee, Professor 01/01/1991

1969 BS WEBER STATE UNIVERSITY
1973 MPA BRIGHAM YOUNG UNIVERSITY
1977 MBA UTAH STATE UNIVERSITY
1980 PhD UNIVERSITY OF UTAH

Business Management

Paul Lerdahl, Professor 09/09/1987

1973 BA UNIVERSITY OF UTAH
1989 AAS SALT LAKE COMMUNITY COLLEGE
1999 MS UTAH STATE UNIVERSITY
2006 MS JONES INTERNATIONAL UNIVERSITY

Electrical and Instrumentation Technology

Marilyn Little, Professor 09/16/1991

1984 BS UNIVERSITY OF UTAH
1987 MSN UNIVERSITY OF UTAH
1998 CERTIFICATE AMERICAN NURSES
CREDENTIALING CENTER

Health Care Industry

Richard Lofgren, Assistant Professor 01/01/1992

1989 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1997 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
2003 BS UTAH STATE UNIVERSITY

Building Construction/Construction Management

Cristin Longhurst, Assistant Professor 01/01/1991

1971 BA UCLA
1973 MA BRIGHAM YOUNG UNIVERSITY

Developmental Education /Writing

Jaydene Love, Assistant Professor 09/16/1995

1970 BS WEBER STATE UNIVERSITY
1986 MS UNIVERSITY OF COLORADO

Accounting

Shirlene Luke, Associate Professor 7/01/1975

1969 AS DIXIE COLLEGE
1973 BS SUSC

Office Information Technology

Ches Lumpkins, Instructor 09/30/1996

1977 BS BRIGHAM YOUNG UNIVERSITY
1986 AAS SALT LAKE COMMUNITY COLLEGE

Electronics Technology

Brenda Lyman, Assistant Professor 08/16/2003

1976 CERTIFICATE LINCOLN SCHOOL OF COMMERCE
1983 BS COLORADO STATE UNIVERSITY
1993 CERTIFICATE AMERICAN OCCUPATIONAL
THERAPY ASSN

2004 CERTIFICATE WESTERN MICHIGAN UNIVERSITY
Occupational Therapy Assistant

Kjartan Magnusson, Professor 07/01/1982

1968 BA BRIGHAM YOUNG UNIVERSITY
1978 MEd UTAH STATE UNIVERSITY
1989 EdD BRIGHAM YOUNG UNIVERSITY

Finance and Economics

Terry Martin, Assistant Professor 07/01/1986

1981 CERTIFICATE BROOKS INSTITUTE, PORTLAND
COMMUNITY COLLEGE
1989 AAS SALT LAKE COMMUNITY COLLEGE

Visual Arts and Design

Kori Matthews, Assistant Professor 08/16/2003

1992 ASN RICKS COLLEGE (BYU-IDAHO)
2003 MSN HAWAII PACIFIC UNIVERSITY

Nursing

Jamie McBeth-Smith, Assistant Professor 08/16/2000

1977 BA UNIVERSITY OF UTAH
1980 MA UNIVERSITY OF UTAH

English

Vonadean McFarland, Associate Professor 07/01/1986

1975 BS BRIGHAM YOUNG UNIVERSITY
Office Information Systems

Katherine McIntyre, Associate Professor 09/01/1983

1972 BS COLBY COLLEGE
1978 MS UNIVERSITY OF UTAH

English-As-A-Second Language

Ronald McKay, Instructor 08/16/2006

2003 BS UNIVERSITY OF UTAH
2005 MS UNIVERSITY OF UTAH

Math

Marianne McKnight, Assistant Professor 01/01/1992

1981 BA UNIVERSITY OF UTAH
1984 MA UNIVERSITY OF UTAH

History

Ross McNamara, Associate Professor 04/06/1988

1992 BS UNIVERSITY STATE OF NEW YORK
1997 AS ITT TECHNICAL INSTITUTE

Electrical and Instrumentation Technology

Mary Mellott, Associate Professor 07/01/1987

1969 BS WEBER STATE COLLEGE
1974 MS UNIVERSITY OF UTAH
1988 MA UNIVERSITY OF UTAH
1988 CERTIFICATE UNIVERSITY OF UTAH

English-As-A-Second Language SC

Steven Mendiola, Instructor 01/01/1992

1978 CERTIFICATE UNIVERSITY OF UTAH
1991 AVIATION CERTIFICATE STATE OF WASHINGTON

Aviation Technology/Aviation Maintenance

Sandra Merritt, Assistant Professor 08/16/2002

1997 AAS SALT LAKE COMMUNITY COLLEGE
2002 BS UNIVERSITY OF PHOENIX

Dental Hygiene

Linda Metos, Professor 06/01/1976

1962 BS UNIVERSITY OF UTAH
1989 MS UTAH STATE UNIVERSITY

Computer Information Systems

Carma Miller, Instructor 09/01/2005

1977 AAS RICKS COLLEGE (BYU-IDAHO)
1989 ADN WEBER STATE UNIVERSITY
1997 BSN WEBER STATE UNIVERSITY
2000 MS BRIGHAM YOUNG UNIVERSITY

Nursing

James Miller, Assistant Professor 09/15/1986

1975 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1976 CERTIFICATE SALT LAKE COMMUNITY COLLEGE

Building Construction/Construction Management

Michael Millet, Assistant Professor 09/21/1992

1984 CERTIFICATE NATIONAL INSTITUTE FOR
AUTOMOTIVE SERVICE
1984 CERTIFICATE NATIONAL INSTITUTE FOR
AUTOMOTIVE SERVICE

1995 AAS SALT LAKE COMMUNITY COLLEGE

Automotive and Related Technologies

John Minichino, Instructor 04/01/1997

1971 BA TEMPLE UNIVERSITY

Criminal Justice

Mohammad Mohsenian, Professor 11/30/1986

1964 BS TEHRAN UNIVERSITY
 1971 MS TEXAS A & I UNIVERSITY
 1978 PhD UNIVERSITY OF ARKANSAS

*Engineering***Elizabeth Montague, Associate Professor** 09/01/1985

1975 BA UNIVERSITY OF UTAH
 1990 MS UTAH STATE UNIVERSITY

*English***Holly Moore, Associate Professor** 07/16/1991

1973 BS SOUTH DAKOTA MINES & TECH
 1976 MS SOUTH DAKOTA MINES & TECH
 1981 PhD UNIVERSITY OF UTAH

*Engineering/Chemical***David Moss, Assistant Professor** 08/16/2002

1998 AS SALT LAKE COMMUNITY COLLEGE
 2000 BS WESTMINSTER COLLEGE
 2003 MS SYRACUSE UNIVERSITY

*Computer Science***Diane Moss, Instructor** 08/01/2005

1977 CERTIFICATE UTC PROVO
 1992 ADN WEBER STATE UNIVERSITY
 1998 BSN WEBER STATE UNIVERSITY
 2006 MS UNIVERSITY OF PHOENIX

*Nursing***Mark Moss, Associate Professor** 09/01/1977

1970 AS COLLEGE OF EASTERN UTAH
 1972 AS SALT LAKE COMMUNITY COLLEGE
 1995 BS COLUMBIA

*Accounting***Donna Murphy, Instructor** 08/01/2005

1979 CERTIFICATE UTAH TECHNICAL COLLEGE
 1981 ADN WEBER STATE UNIVERSITY
 1984 BSN UNIVERSITY OF UTAH
 2002 MSN UNIVERSITY OF PHOENIX

*Nursing***David Neil, Assistant Professor** 08/16/2004

1984 AAS WEBER STATE UNIVERSITY
 1990 BS WEBER STATE UNIVERSITY
 1995 MAOM UNIVERSITY OF PHOENIX

*Radiological Technology***Dale Nelson, Assistant Professor** 01/01/1994

1970 BA UNIVERSITY OF UTAH
 1987 MEd UNIVERSITY OF UTAH

*Math***David Nelson, Instructor** 07/01/2004

2002 BS BRIGHAM YOUNG UNIVERSITY

*Athletics***Irina Nelson, Professor** 09/16/1989

1957 BS BUCHAREST UNIVERSITY
 1980 PhD CHALMERS UNIVERSITY, GOTHENBURG

*Physics***Martha Nelson, Instructor** 08/01/2005

1998 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
 1999 ADN SALT LAKE COMMUNITY COLLEGE
 2003 BSN UNIVERSITY OF UTAH

*Nursing***Margaret Nielson, Professor** 01/01/1993

1968 BS BRIGHAM YOUNG UNIVERSITY
 1985 MS BRIGHAM YOUNG UNIVERSITY
 2003 MEd UTAH STATE UNIVERSITY

*Math***Philip Nielson, Assistant Professor** 01/01/1994

1977 BS BRIGHAM YOUNG UNIVERSITY
 1989 MBA UNIVERSITY OF PHOENIX

*Computer Information Systems***Robert Nigohosian, Associate Professor** 09/16/1994

1973 BS UNIVERSITY OF RHODE ISLAND
 1988 MS UNIVERSITY OF RHODE ISLAND

*Finance and Economics***Jeanne Noble, Professor** 07/01/1975

1970 BS SOUTHERN UTAH STATE
 1972 MS BRIGHAM YOUNG UNIVERSITY

*Office Information Systems***Lori Norton, Instructor** 08/16/2004

1992 ADN WEBER STATE UNIVERSITY
 1995 BSN WEBER STATE UNIVERSITY
 2004 MS UNIVERSITY OF PHOENIX

*Nursing***Lois Oestreich, Instructor** 08/16/2006

1987 BS SOUTHERN OREGON UNIVERSITY

*Family and Human Studies***Sara Pacheco, Instructor** 08/01/2005

1997 BS UNIVERSITY OF PHOENIX
 1990 ASN GULF COAST COMMUNITY COLLEGE
 2002 MBA UNIVERSITY OF PHOENIX

*Nursing***Christopher Palaia, Instructor** 09/01/2000

1999 BS GALLAUDET UNIVERSITY
 2005 MPA BRIGHAM YOUNG UNIVERSITY

*American Sign Language/Writing***Clyde Palmer, Instructor** 08/16/2004

1973 BS WEBER STATE UNIVERSITY
 1975 MS EASTERN KENTUCKY UNIVERSITY
 1978 CERTIFICATE UNIVERSITY OF VIRGINIA

*Criminal Justice***Norman Parrish, Assistant Professor** 10/01/1989

1985 AA RICKS COLLEGE (BYU-IDAHO)
 1987 BS NORTHWEST NAZARENE COLLEGE
 1993 MA UTAH STATE UNIVERSITY

*Health and Lifetime***Laurie Paxton, Assistant Professor** 10/01/1990

1987 BS UTAH STATE UNIVERSITY
 1996 MS UTAH STATE UNIVERSITY

*Developmental Education/Math***Carolyn Perry, Instructor** 01/01/2006

1968 BS BRIGHAM YOUNG UNIVERSITY

*SC OIS***Jason Pickavance, Assistant Professor** 08/16/2003

1992 AA GREEN RIVER COMMUNITY COLLEGE
 1994 BA WESTERN WASHINGTON UNIVERSITY
 1997 MA WESTERN WASHINGTON UNIVERSITY

*English***Jeffery Plant, Professor** 10/01/1994

1975 BA BOWLING GREEN STATE UNIVERSITY
 1991 BS UNIVERSITY OF UTAH
 1993 MEd UNIVERSITY OF UTAH

*Architectural Technology***Diana Ploeger, Professor** 02/01/1992

1975 BS UNIVERSITY OF COLORADO
 1999 MEd UTAH STATE UNIVERSITY

*Physical Therapist Assistant***Dan Pope, Instructor** 01/01/2002

1987 CERTIFICATE UTAH STATE UNIVERSITY
 1988 CERTIFICATE WEBER STATE
 1996 CERTIFICATE A+ CERTIFICATION
 1999 CERTIFICATE WIN 200 PRO MCP MCSE
 2001 CERTIFICATE AMP CERTIFIED
 2001 CERTIFICATE CISCO CCNA CERTIFIED
 2003 CERTIFICATE SALT LAKE COMMUNITY COLLEGE

Telecommunications

FULL-TIME FACULTY CREDENTIALS

Celestina Punzalan, Professor 01/16/1993
1965 BS FEATI UNIVERSITY
1989 MBA SAN SEBASTIAN COLLEGE-RECOLETAS
1996 MS UTAH STATE UNIVERSITY
Developmental Education/Math

Lori Rager, Assistant Professor 8/16/2006
2003 AS SALT LAKE COMMUNITY COLLEGE
Medical Assistant

Ernest Randa, Professor 09/16/1993
1974 BS UNIVERSITY OF UTAH
1980 MS WESTERN UNIVERSITY OF WASHINGTON
1990 PhD UNIVERSITY OF UTAH
History

Neal Reiland, Associate Professor 09/16/1991
1985 BS WASHINGTON STATE UNIVERSITY
Visual Arts and Design

Richard Renzetti, Assistant Professor 09/16/1991
1991 AAS SALT LAKE COMMUNITY COLLEGE
1993 CCE AMERICAN CULINARY FEDERATION
1993 FMP NATIONAL RESTAURANT ASSOCIATION
1998 CEC AMERICAN CULINARY FEDERATION
Apprenticeship/Culinary arts

Charles Rettberg, Instructor 08/16/2005
1987 BS UNIVERSITY OF MONTANA
1995 MS UNIVERSITY OF MONTANA
2003 PhD UNIVERSITY OF UTAH
Biotechnology

Donetta Richards, Associate Professor 01/01/1991
1975 CERTIFICATE UTAH STATE UNIVERSITY
1979 BA UTAH STATE UNIVERSITY
1992 MA BRIGHAM YOUNG UNIVERSITY
Health Lifetime Activities

Douglas Richards, Assistant Professor 08/16/1974
1974 BA BRIGHAM YOUNG UNIVERSITY
1980 Med BRIGHAM YOUNG UNIVERSITY
Mathematics

Robin Roberson, Assistant Professor 01/01/2002
1970 BS UNIVERSITY OF UTAH
2000 MBA SALVE REGINA UNIVERSITY
Marketing/Bus Communication/Paralegal

John Roberts, Instructor 03/16/1993
1971 BA UNIVERSITY OF TOLEDO
1986 CERTIFICATE COMMAND AND GENERAL STAFF
COLLEGE - US ARMY
2003 CERTIFICATE NATIONAL INSTITUTE FOR
AUTOMOTIVE SERVICE
Automotive and Related Technologies

Paul Roberts, Assistant Professor 09/23/1996
1992 BS UNIVERSITY OF UTAH
1996 MS UNIVERSITY OF UTAH
Health and Lifetime Activities

Stephen Rose, Instructor 01/16/2001
2000 BA UNIVERSITY OF UTAH
Fine Arts

Tiffany Rousculp, Associate Professor 09/16/1993
1990 BA ARIZONA STATE UNIVERSITY
1993 MA UNIVERSITY OF SOUTHERN CALIFORNIA
English

Dolores Rowley, Professor 07/01/1986
1979 BS WESTMINSTER COLLEGE
1991 MA UNIVERSITY OF UTAH
Adult Basic Education SC

Julie Rowsey, Assistant Professor 08/01/2004
1982 ASN WEBER STATE UNIVERSITY
1987 BSN UNIVERSITY OF UTAH
2000 MSN UNIVERSITY OF PHOENIX
Nursing

Jane Rudolph, Assistant Professor 09/27/1993
1976 BA UNIVERSITY OF WYOMING
1999 PhD INDIANA UNIVERSITY
Biology

Mark Sabolik, Instructor 01/01/1991
1985 AAS HUTCHINGSON TECHNICAL COLLEGE
Non-Destructive Testing Technology

Nader Safai, Professor 04/01/1988
1972 BS MICHIGAN STATE
1974 MSE PRINCETON UNIVERSITY-AEROSPACE/
MECH ENGINEERING
1975 MS PRINCETON UNIVERSITY-RESERVOIR
ENGINEERING
1975 MSE PRINCETON UNIVERSITY-CIVIL
ENGINEERING
1978 PhD PRINCETON UNIVERSITY
Engineering

Amar Sahay, Professor 04/01/1992
1975 AS ST. XAVIER'S COLLEGE
1980 BS BIRLA INSTITUTE OF TECHNOLOGY
1986 MS UNIVERSITY OF UTAH
1991 PhD UNIVERSITY OF UTAH
Business Management

Brenda Santistevan, Assistant Professor 09/16/1997
1995 BS NEW MEXICO INST OF MINING & TECH
1996 MS NEW MEXICO STATE UNIVERSITY
Math

Arleen Sawitzke, Professor 09/21/1992
1981 BA CARROLL COLLEGE
1991 PhD UNIVERSITY OF UTAH
Biology

Albert Schmuhl, Associate Professor 09/16/1993
1973 BS BRIGHAM YOUNG UNIVERSITY
Visual Art and Design

Mark Seaman, Associate Professor 03/01/1989
1976 BA BRIGHAM YOUNG UNIVERSITY
Building Construction/Construction Management

Leslie Seiferle, Associate Professor 09/16/1993
1986 AA CULINARY INSTITUTE OF AMERICA
1991 CCC AMERICAN CULINARY FEDERATION
1996 CCE AMERICAN CULINARY FEDERATION
2003 BS UTAH STATE UNIVERSITY
Apprenticeship/Culinary Arts

Sesh Seshadri, Assistant Professor 08/16/2005
1967 BS UNIVERSITY OF MADRAS
1969 MS UNIVERSITY OF MADRAS
1989 PhD UNIVERSITY OF UTAH
Chemistry

William Shields, Assistant Professor 01/01/1993
1990 AA COLORADO AERO TECH
Prison EMDP

Cheryl Shurtleff, Associate Professor 07/01/1987
1975 BA AUGUSTA COLLEGE
1987 MA UNIVERSITY OF UTAH
1987 CERTIFICATE - TESOL UNIVERSITY OF UTAH
English-As-A-Second Language

Carol Sieverts, Instructor 10/01/1989
1972 BA BRIGHAM YOUNG UNIVERSITY
1993 MA UTAH STATE UNIVERSITY
Developmental Education/Writing

Fiona Silcox, Assistant Professor 04/01/1997
1994 BS EMBRY-RIDDLE AERONAUTICAL
UNIVERSITY
Aviation Technology/ Professional Pilot

Don Skousen, Instructor 01/01/2005
1977 BS UNIVERSITY OF UTAH
1980 MS UNIVERSITY OF UTAH
Business Management

Dale Smith, Professor 07/01/1986
1976 BS BRIGHAM YOUNG UNIVERSITY
1978 MS BRIGHAM YOUNG UNIVERSITY
Family and Human Studies

Paul Smith, Associate Professor 10/01/1988
1964 BS UNIVERSITY OF UTAH
1969 MS UNIVERSITY OF UTAH
Math

Zeph Smith, Instructor 08/16/2004
1996 BS UNIVERSITY OF UTAH
2001 MS UNIVERSITY OF UTAH
Math

Cindy Soderstrom, Assistant Professor 04/06/1992
1992 AS SALT LAKE COMMUNITY COLLEGE
1998 BS UNIVERSITY OF UTAH
2002 MEd WESTMINSTER COLLEGE
Math

Mequette Sorensen, Instructor 06/16/2004
1987 AA FULLERTON JUNIOR COLLEGE
1991 BS UNIVERSITY OF UTAH
1996 MSW UNIVERSITY OF UTAH
Social Work

Shari Sowards, Associate Professor 09/26/1988
1961 AS WEBER STATE UNIVERSITY
1963 BS UNIVERSITY OF UTAH
1971 MS UNIVERSITY OF UTAH
Political Science

Charles Spainhower, Instructor 07/01/2001
1959 DIPLOMA WEST HIGH SCHOOL - SALT LAKE
Automotive and Related Technologies

Connie Spanton-Jex, Assistant Professor 10/01/2001
1988 BS UTAH STATE UNIVERSITY
1984 AS COLLEGE OF EASTERN UTAH
2002 MA WESTERN MARYLAND COLLEGE
American Sign Language/Interpreting

Mildred Sparks, Associate Professor 08/16/2003
1964 BS ALABAMA STATE UNIVERSITY
1978 MS PEPPERDINE UNIVERSITY
Developmental Education/Reading, Learning Enhancement

Betsy Specketer, Instructor 09/19/1994
1981 BS ILLINOIS STATE UNIVERSITY
1992 MS ILLINOIS STATE UNIVERSITY
Health and Lifetime Activities

Yuri Starik, Professor 07/31/1995
1984 PhD KHARKOVSKY POLYTECHNICAL INSTITUTE
Electrical and Instrumentation Technology

Barbara Stencel, Assistant Professor 08/16/2001
1972 CERTIFICATE RAVENWOOD HOSPITAL SCHOOL
1977 BS UNIVERSITY OF UTAH
1981 MS UNIVERSITY OF UTAH
Nursing

Daymon Stephens, Instructor 10/01/1996
1996 AS CAD SALT LAKE COMMUNITY COLLEGE
1996 AAS SALT LAKE COMMUNITY COLLEGE
Architectural Technology

Brittany Stephenson, Instructor 08/16/2005
1994 BA UNIVERSITY OF UTAH
1999 MA UTAH STATE UNIVERSITY
English

Peggy Stevens, Professor 09/16/1995
1972 BS WESTMINSTER COLLEGE
1978 MS PEPPERDINE UNIVERSITY
Nursing

Terry Stokes, Professor 09/16/1990
1970 BS BRIGHAM YOUNG UNIVERSITY
1972 MS VANDERBILT UNIVERSITY
1985 MS UNIVERSITY OF UTAH
Finance and Economics

Elisa Stone, Associate Professor 4/01/1993
1988 AAS RICKS COLLEGE (BYU-IDAHO)
1990 BA UTAH STATE UNIVERSITY
1993 MA UNIVERSITY OF UTAH
English

Jonathan Stowers, Associate Professor 09/16/1988
1981 BFA UNIVERSITY OF UTAH
1981 BA UNIVERSITY OF UTAH
1984 MA UNIVERSITY OF UTAH
Language and Culture

TC Stuwe, Assistant Professor 08/16/2003
1995 AA CHEMEKETA COMMUNITY COLLEGE
1997 BA LINFIELD COLLEGE
1999 MS PORTLAND STATE UNIVERSITY
Developmental Education /Reading, Learning Enhancement

Scott Symes, Professor 10/01/1990
1973 BS UNIVERSITY OF UTAH
1993 MBA UNIVERSITY OF UTAH
Accounting

Shane Tang, Assistant Professor 06/01/2003
1999 BS BRIGHAM YOUNG UNIVERSITY
2001 MS BRIGHAM YOUNG UNIVERSITY
Math

William Tanner, Professor 07/01/1986
1975 BA POMONA COLLEGE
1979 MA SOUTHERN ILLINOIS UNIVERSITY
1983 PhD SOUTHERN ILLINOIS UNIVERSITY
Biology

Ralph Tasker, Associate Professor 04/15/1997
2000 AAS SALT LAKE COMMUNITY COLLEGE
2004 BS UTAH STATE UNIVERSITY
Building Construction /Construction Management

Donna Thompson, Associate Professor 07/01/1986
1976 AS UNIVERSITY OF KENTUCKY
1985 BS BRIGHAM YOUNG UNIVERSITY
1989 MS BRIGHAM YOUNG UNIVERSITY
Nursing

Melissa Tillack, Assistant Professor 08/16/2003
1988 AS RICKS COLLEGE (BYU-IDAHO)
1994 BS BRIGHAM YOUNG UNIVERSITY
2001 MS BRIGHAM YOUNG UNIVERSITY
Biology

Suzanne Topp, Assistant Professor 08/16/2003
1989 BS SANTA CLARA UNIVERSITY
2001 MS OREGON STATE UNIVERSITY
Math

Gary Topping, Professor 09/16/1991
1969 BA NORTHWEST NAZARENE COLLEGE
1970 MA NORTHERN ARIZONA UNIVERSITY
1977 PhD UNIVERSITY OF UTAH
History

FULL-TIME FACULTY CREDENTIALS

Ruth Trygstad, Assistant Professor 11/16/1998
1995 BA SOUTHERN ILLINOIS UNIVERSITY
1998 MS SOUTHERN ILLINOIS UNIVERSITY
Math

Violetta Tsibranska, Professor 10/01/1987
1961 BS POLITECHNICAL UNIVERSITY
1970 MS POWER UNIVERSITY, UOSKOV
1977 PhD ELECROTECHNICAL UNIVERSITY, USSR
Electronics Technology

Jana Tucker, Assistant Professor 03/15/1988
1998 AS SALT LAKE COMMUNITY COLLEGE
Medical Assistant

Deidre Tyler, Professor 07/01/1992
1979 AA HINDS JUNIOR COLLEGE
1981 BS MISSISSIPPI COLLEGE
1983 MA UNIVERSITY OF MISSISSIPPI
1999 MEd UTAH STATE UNIVERSITY
1993 PhD MISSISSIPPI STATE UNIVERSITY
Sociology

Richard Uday, Professor 03/26/1991
1985 BS WEBER STATE COLLEGE
1988 JD UNIVERSITY OF UTAH
Marketing/Business Communications/Paralegal

Robert Udy, Assistant Professor 08/16/2004
1975 AS SALT LAKE COMMUNITY COLLEGE
Welding

Gilbert Ulibarri, Associate Professor 10/01/1993
1986 AAS UTAH TECHNICAL COLLEGE (SLCC)
1992 AS SALT LAKE COMMUNITY COLLEGE
1992 BS WEBER STATE UNIVERSITY
2000 MS UTAH STATE UNIVERSITY

Molitika Vaivaka, Assistant Professor 01/01/1993
1982 BS BRIGHAM YOUNG UNIVERSITY
1984 MS BRIGHAM YOUNG UNIVERSITY
Math

Ron Valcarce, Assistant Professor 07/01/1992
1989 MS UTAH STATE UNIVERSITY
1989 BS UTAH STATE UNIVERSITY
Chemistry

Trina VanAusdal, Assistant Professor 09/01/2000
1996 BS BRIGHAM YOUNG UNIVERSITY
2001 MS UNIVERSITY OF UTAH
Physics

Edward Walsh, Assistant Professor 08/16/2000
1997 AS SALT LAKE COMMUNITY COLLEGE
2000 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
2006 BS EXCELSIOR COLLEGE
Micro Services and Support SC

David Cyril Watt, Assistant Professor 07/01/1985
1964 BS UTAH STATE UNIVERSITY
Mathematics

David Webb, Associate Professor 09/01/1976
1969 AAS UTAH TECHNICAL COLLEGE
1980 BS UTAH STATE UNIVERSITY
Engineering Design/Drafting Design

Jonathan Webb, Instructor 08/16/2005
1994 AA FLORISSANT VALLEY COMMUNITY COLLEGE
2002 BA UTAH STATE UNIVERSITY
2002 MEd UTAH STATE UNIVERSITY
American Sign Language/Interpreting

Ann Welker, Instructor 01/01/2005
2003 AS SALT LAKE COMMUNITY COLLEGE
Barbering and Cosmetology

Michael Wellman, Instructor 08/16/2006
1977 BS UNIVERSITY OF N.CAROLINA CHAPEL HILL
1984 CERTIFICATE US NAVY
1984 MS TROY STATE UNIVERSITY
Aviation Technology/Professional Pilot

LornaKay Wells, Professor 09/01/1982
1977 AAS RICKS COLLEGE (BYU-IDAHO)
1982 BS UTAH STATE UNIVERSITY
1984 MS UTAH STATE UNIVERSITY
Computer Information Systems

Edgar White, Instructor 09/16/1997
1975 AS UNIVERSITY OF UTAH
1975 AS SALT LAKE COMMUNITY COLLEGE
1996 AAS WEBER STATE UNIVERSITY
1997 BS WEBER STATE UNIVERSITY
2001 ASE NATIONAL INSTITUTE FOR AUTOMOTIVE SERVICE
Automotive and Related Technologies

Carol Whitesides, Assistant Professor 01/01/2006
1972 BS WEBER STATE UNIVERSITY
1978 BSN UNIVERSITY OF UTAH
1982 MPA BRIGHAM YOUNG UNIVERSITY
1997 MS/FNP BRIGHAM YOUNG UNIVERSITY
Nursing

Jean Widdison, Associate Professor 09/15/1987
1974 BS BRIGHAM YOUNG UNIVERSITY
1982 MS UNIVERSITY OF UTAH
Health and Lifetime Activities

Candace Wignall, Associate Professor 01/04/1988
1974 BS UNIVERSITY OF COLORADO
1995 MS BRIGHAM YOUNG UNIVERSITY
Developmental Education/Math

Alan Wilding, Instructor 08/16/2006
2002 BS GAULLAUDET
2002 MS WESTERN OREGON UNIVERSITY
American Sign Language/Interpreting

Barbie Willett, Associate Professor 08/16/2000
1983 AAS PEARL RIVER JUNIOR COLLEGE
1987 BS UNIVERSITY OF SOUTHERN MISSISSIPPI
1989 Med UNIVERSITY OF SOUTHERN MISSISSIPPI
1995 MBA WILLIAM CAREY COLLEGE
Marketing/ Business Communications/Paralegal

L. Jay Williams, Assistant Professor 05/03/1982
1967 BA BRIGHAM YOUNG UNIVERSITY
1970 MA BRIGHAM YOUNG UNIVERSITY
Communications

Sally Williams, Associate Professor 07/01/1985
1973 BS UNIVERSITY OF UTAH
2003 CERTIFICATE AMERICAN ACADEMY OF PROFESSIONAL CODERS
Office Information Stems

Brian Williamson, Associate Professor 07/01/1986
1987 AAS SALT LAKE COMMUNITY COLLEGE
1992 BS PACIFIC WESTERN UNIVERSITY
Aviation Technology/Aviation Maintenance

Dennis Wilson, Associate Professor 03/28/1988
1980 BS BRIGHAM YOUNG UNIVERSITY
1986 MS BOISE STATE UNIVERSITY
Finance and Economics

Lisa Wood, Professor 07/01/1991
1984 CERTIFICATE UNIVERSITY OF UTAH RADIOLOGIC TECHNOLOGY
1991 BS UNIVERSITY OF UTAH
1995 MS UNIVERSITY OF UTAH
Radiological Technology

James Woodall, Associate Professor 09/16/1993

1982 AS DELTA COLLEGE
 1987 BS PORTLAND STATE UNIVERSITY
 1989 MS PORTLAND STATE UNIVERSITY

Developmental Education/Math

Bruce Worthen, Professor 01/01/1991

1981 BS BRIGHAM YOUNG UNIVERSITY
 1984 MS UNIVERSITY OF UTAH

Computer Information Systems

Lynnette Yerbury, Professor 03/15/1987

1980 AS UTAH TECHNICAL COLLEGE
 1982 BS SOUTHERN UTAH STATE COLLEGE
 1987 MS UNIVERSITY OF UTAH
 2004 LICENSE STATE OF UTAH DEPARTMENT OF
 COMMERCE

Accounting

Curtis Youngman, Professor 09/22/1986

1974 BS UTAH STATE UNIVERSITY
 1977 MS UTAH STATE UNIVERSITY

Marketing/Business Communications/Paralegal

Name, Position			Hire Date*
YEAR	DEGREE	INSTITUTION	
Department			
*Indicates years of service to SLCC			

John Anjewierden, Dean 9/1/1980

1967 BA UNIVERSITY OF UTAH
 1977 MS UNIVERSITY OF UTAH
 1996 ED.D UNIVERSITY OF UTAH
School of Business & Developmental Education

Robert Askerlund, Director of Facilities 11/16/1989

1976 AAS SALT LAKE COMMUNITY COLLEGE
 2000 BS UNIVERSITY OF PHOENIX
Facilities Services

Marlene Bacon, Dean 8/16/2001

1975 BS WESTMINSTER COLLEGE
 1975 RN STATE OF UTAH CERTIFICATION
 1983 MS UNIVERSITY OF UTAH
 2001 PhD UNIVERSITY OF UTAH
School of Health Sciences

Joyce Barra, Interim Division Chair 1/1/1990

1980 BS NORTHERN ILLINOIS UNIVERSITY
 1992 MS UNIVERSITY OF UTAH
 2005 PhD UNIVERSITY OF UTAH
Division of Nursing

George Billings, Division Chair 9/15/1986

1997 BS UTAH STATE UNIVERSITY
 1971 UTAH STATE GENERAL CONTRACTOR'S LICENSE
 DEPARTMENT OF PROFESSIONAL LICENSING
 MASTER'S EQUIVALENT
 SALT LAKE COMMUNITY COLLEGE
Division of Technical Specialties

Cynthia Bioteau, President 7/18/2005

1974 BA UNIVERSITY OF NEW HAMPSHIRE
 1976 MA ASSUMPTION COLLEGE
 2002 PhD LESLEY UNIVERSITY
Office of the President

Katherine Boswell, Vice President Institutional Advancement 10/01/1989

1978 BA BRIGHAM YOUNG UNIVERSITY
 1992 MIA SCHOOL OF INTERNATIONAL TRAINING
 BRATTLEBORO VT
 1998 PhD THE UNIVERSITY OF TEXAS AT AUSTIN
Office of Vice President of Institutional Advancement

Richard Bouillon, Manager III 7/1/1999

1981 BS EASTERN ILLINOIS UNIVERSITY
 1983 MS EASTERN ILLINOIS UNIVERSITY
Office of the Vice President for Community, State & National Affairs

Geoffrey Brugger, Dean 9/1/1969

1969 BA UNIVERSITY OF UTAH
 1975 2nd. BA UNIVERSITY OF UTAH
 1981 MS UTAH STATE UNIVERSITY
 1992 PhD UNIVERSITY OF UTAH
School of Continuing & Community Education, Arts & Communication

Norma Carr, Department Director 7/1/1989

1969 BS BRIGHAM YOUNG UNIVERSITY
 1977 MS UNIVERSITY OF UTAH
Athletics

Blair Carruth, Division Chair 8/24/1988

1980 BA UNIVERSITY OF UTAH
 1982 MBA UTAH STATE UNIVERSITY
 2001 PhD UNIVERSITY OF WYOMING
Division of Business Administration

Marlin Clark, Dean of Students 9/1/2005

1976 AA ALLAN HANCOCK COMMUNITY COLLEGE
 1978 BS LAVERN UNIVERSITY
 1980 MS GEORGE PEABODY COLLEGE/VANDERBILT
 UNIVERSITY
 2005 PhD GONZAGA UNIVERSITY
Student Services

Debbie Corsino-Moore, Director 12/16/2002

1982 BA UNIVERSITY OF ILLINOIS AT
 URBANA-CHAMPAIGN
 1995 MAEd UNIVERSITY OF ILLINOIS AT
 URBANA-CHAMPAIGN

*Multicultural Initiatives***Helen Cox, Associate Vice President** 3/19/1991

1974 BA HARVARD UNIVERSITY
 1978 MA UNIVERSITY OF UTAH
 1987 PhD UNIVERSITY OF UTAH
Associate Vice President for General and International Education

Shane Crabtree, Director 10/19/1992*Security/Parking***Clark Crookston, Division Chair Allied Health** 12/01/2006*Division of Allied Health***Julie Curtis, Assistant to the Vice President** 12/1/1975

1974 BS UTAH STATE UNIVERSITY
 1999 MBA WESTMINSTER COLLEGE
Office of the Vice President of Academic Affairs

Ray Emett, Director 9/1/1981

1977 BS UNIVERSITY OF UTAH
 1988 MS UTAH STATE UNIVERSITY
Institutional Research

Tiffany Evans, Dean, Learning Resources 02/01/2007

1992 MA CLEVELAND STATE UNIVERSITY
 1995 MA UNIVERSITY OF AKRON
 1996 MLIS KENT STATE UNIVERSITY
 2004 PhD UNIVERSITY OF PITTSBURGH
Learning Resources - Library Redwood

Janet Felker, Dean of Student Planning & Support 11/1/1986

1970 BA SKIDMORE COLLEGE, NEW YORK
 1972 MAT HARVARD UNIVERSITY
Student Services

Kent Ferrel, Controller/Business Manager 1/1/1971

1964 BS BRIGHAM YOUNG UNIVERSITY
 1965 MS BRIGHAM YOUNG UNIVERSITY
 1967 CPA STATE OF UTAH
Business Office

Karla Fisher, Department Director 12/16/2001

1991 BA ST. MARY'S UNIVERSITY
 1997 MA ST. MARY'S UNIVERSITY
Institutional Marketing

John Fritz, Division Chair 12/1/1987

1973 BS EASTERN NEW MEXICO UNIVERSITY
 1984 PH.D. UNIVERSITY OF UTAH
Division of Humanities

Joseph Gallegos, Department Chair 3/1/1991

1986 BS UNIVERSITY OF UTAH
 1992 MS UNIVERSITY OF UTAH
Mathematics Department

Craig Gardner, Director 8/22/1991*Human Resources***Brent Goodfellow, Vice President** 9/1/1972

1976 BS UNIVERSITY OF UTAH
 1981 MS UNIVERSITY OF UTAH
Office of the Vice President of Community, State & National Affairs

Barbara Grover, *Division Chair* 9/27/1993
 1976 BA PRINCETON UNIVERSITY
 1991 MS UNIVERSITY OF OREGON
Division of Engineering, Computer Science & Related Technologies

Karen Gunn, *Division Chair* 1/16/93
 1991 MBA WESTMINSTER COLLEGE
 1994 BA UTAH STATE UNIVERSITY
Division of Business & Employer Outreach

Deneece Huftalin, *Vice President* 08/01/1992
 1984 BS UNIVERSITY OF UTAH
 1987 MA UNIVERSITY OF CALIFORNIA, LOS ANGELES
 2006 PhD UNIVERSITY OF UTAH
Office of the Vice President of Student Services

Peter Iles, *Division Chair* 8/16/1999
Division of Natural Sciences

Dennis Klaus, *Vice President of Business Services* 06/01/2006
 1970 BS PENNSYLVANIA STATE UNIVERSITY
 1981 MBA UNIVERSITY OF MONTANA
Business Services

Larry Kruger, *Division Chair* 8/9/1993
 1977 BS UNIVERSITY OF UTAH
 1984 MPA BRIGHAM YOUNG UNIVERSITY
 2001 EdD BRIGHAM YOUNG UNIVERSITY
Division of Computer Information Systems, Marketing & Paralegal

John Latkiewicz, *Dean* 8/30/1978
Skills Center

Kate Maxwell-Stephens, *Advisor II* 11/1/1998
 1998 BA UNIVERSITY OF UTAH
 1998 BS UNIVERSITY OF UTAH
 1998 MS UNIVERSITY OF UTAH
Community, State and National Affairs

John McCormick, *Dean* 9/16/1988
 1966 BA UNIVERSITY OF UTAH
 1968 MS UNIVERSITY OF UTAH
 1973 PhD UNIVERSITY OF IOWA
School of Humanities & Social Sciences

Alma McKertich, *Director* 09/01/1984
Accreditation & Assessment

Don Merrill, *Associate Vice President* 9/1/1978
 1971 BS UNIVERSITY OF UTAH
 1985 MS BRIGHAM YOUNG UNIVERSITY
 1994 PhD BRIGHAM YOUNG UNIVERSITY
Career & Technical Education

Douglas New, *Division Chair* 9/21/1994
 1980 BA UNIVERSITY OF UTAH
 1982 MEd UNIVERSITY OF UTAH
 1985 EDD UTAH STATE UNIVERSITY
 1996 JD BRIGHAM YOUNG UNIVERSITY
Division of Developmental Education

Barbara Pomeranz, *Division Chair* 10/1/1986
 1983 BA UNIVERSITY OF UTAH
 1985 MA UNIVERSITY OF UTAH
Division of Arts, Communication & Digital Media

Mozelle Prestridge-Orton, *EEO Director* 1/23/2006
 1988 BS UNIVERSITY OF UTAH
 1990 CERTIFICATE
 1993 MAEd
 1993 CERTIFICATE
Office of Equal Employment Opportunity

Jim Pulliam, *Chief Information Officer* 7/15/2004
Office of Information Technology

David Richardson, *Vice President* 1/7/1992
 1965 BA OAKWOOD COLLEGE
 1969 MA PURDUE UNIVERSITY
 1973 PhD UTAH STATE UNIVERSITY
Office of the Vice President of Academic Affairs

Stephen Ruffus, *Department Chair* 9/13/1989
English Department

Nancy Sanchez, *Director* 7/1/1979
 1973 BS BRIGHAM YOUNG UNIVERSITY
 1983 MBA UNIVERSITY OF UTAH
Risk Management

Clifton Sanders, *Dean* 6/10/1993
 1977 BA HAMLINE UNIVERSITY
 1990 PhD UNIVERSITY OF UTAH
 1995 CERTIFICATE IN BIBLICAL LANGUAGES
 SALT LAKE THEOLOGICAL SEMINARY
School of Science, Mathematics & Engineering

Jennifer Saunders, *Development Officer II* 12/16/2003
 1992 BS UNIVERSITY OF UTAH
 1995 MEd WESTMINSTER COLLEGE
 2004 CFRE COUNCIL FOR RESOURCE DEVELOPMENT
 1996 CPM STATE OF UTAH
Development Office

Richard Scott, *Director* 8/13/2001
The Grand Theatre

Dale Snyder, *Development Director* 1/23/2006
 1999 BA UNIVERSITY OF UTAH
Development Office

Paul S. Stark, *Division Chair* 9/16/1997
 BS STATE UNIVERSITY OF NEW YORK
 MS STATE UNIVERSITY OF NEW YORK
 MPA UNIVERSITY OF PITTSBURGH
 EdD NOVA SOUTHEASTERN UNIVERSITY
Division of Aviation & Related Technologies

Dana Van Dyke, *Director of Budgets* 6/1/1981
Budget Office

Enrique Velasquez, *Division Chair* 10/1/1990
Division of Social & Behavioral Sciences

Eric Weber, *Dean of Student Enrollment Services* 11/15/1993
 1975 AS DAVENPORT UNIVERSITY
 1979 BA MICHIGAN STATE UNIVERSITY
 1992 FINANCIAL AID ADMINISTRATOR
 U.S. DEPARTMENT OF EDUCATION
Student Services

Mark Wheatley, *Director* 4/1/1994
Meadowbrook Operations & Prison Extension

Kaye White, *Division Chair* 7/1/1992
 1973 BS UTAH STATE UNIVERSITY
 1983 MEd UNIVERSITY OF UTAH
 2005 EdD UNIVERSITY OF UTAH
Skills Center

Gordon Wilson, *Director* 5/22/1989
 1984 AS UTAH VALLEY STATE COLLEGE
 1986 BS BRIGHAM YOUNG UNIVERSITY
 2000 MS BRIGHAM YOUNG UNIVERSITY
Auxiliary Services

FULL-TIME STAFF CREDENTIALS

Name, Position YEAR DEGREE INSTITUTION Department *Indicates years of service to SLCC			Hire Date*
Pamela Acord, Technician II Skills Center			11/1/1982
Keenan Adcock, Supervisor VI 1990 AA BRIGHAM YOUNG UNIVERSITY HAWAII 1992 BA BRIGHAM YOUNG UNIVERSITY 2005 MEd UTAH STATE UNIVERSITY 2007 CERTIFICATION MICROSOFT Distance Education			6/19/2000
Elizabeth Adkinson, Technician II Financial Aid			9/16/1999
Patricia A. Albertson, Administrative Assistant I 9/4/1986 Division of Developmental Education			
Anita Albright, Assistant Librarian II 1981 BFA UNIVERSITY OF NEW MEXICO 1999 MLS EMPORIA STATE UNIVERSITY Library Services			10/16/1994
Julie Alexander, Administrative Assistant I Division of Aviation & Related Technologies			1/4/1988
George Alison, Custodian I Facilities Services			6/10/1999
Christopher Allen Plumber Facilities Plumber SCC			2/18/2003
David Allen, Programmer Analyst II 1999 AS SALT LAKE COMMUNITY COLLEGE Office of Information Technology			10/16/1999
Roger Allen, Custodian III Facilities Services			2/10/2000
Katie Allred, Secretary III 1993 AAS SALT LAKE COMMUNITY COLLEGE Facilities Heat Plant/Crafts Redwood			8/24/1987
Fernando Alzerreca, Technician I Financial Aid			01/20/2005
Asif Ameen, Heat Plant Operator Facilities Heat Plant SCC			6/1/2002
Lidia Amezcua, Custodian I Facilities Services			9/16/2002
Mary Amicone, Head Coach 1983 BS UNIVERSITY OF UTAH Athletics			8/1/2004
Debra Anderson, Assistant Librarian II, 2003 BA UNIVERSITY OF NEVADA 2006 MLIS UNIVERSITY OF NORTH TEXAS Learning Resources			09/11/2006
Denise Anderson, Administrative Assistant II 1997 AS Community, State and National Affairs			9/1/1978
Edward Anderson, Advisor II Skills Center			8/1/1976
Robert Andrus, Facilities Supervisor III 1980 MEd UNIVERSITY OF UTAH 2006 FM APPA Facilities/Custodial/Utilities			9/28/1992
Ora Nell Anglesey, Supervisor IV Academic Media Operations			6/21/1993

Philip Anosike, Advisor II 1/18/1988
1980 BA WEBER STATE UNIVERSITY
1982 MA BRIGHAM YOUNG UNIVERSITY
Skills Center

Alison Arndt, Coordinator V 12/8/2005
1998 BA IDAHO STATE UNIVERSITY
2005 MA SOUTHERN ILLINOIS UNIVERSITY
AT CARBONDALE
Student Media Center

Danielle Arnold, Accounting Technician II 8/3/1999
Cashier Services

Deanne Arvizu, Manager II 8/1/1994
1988 BS UNIVERSITY OF UTAH
Human Resources /Staff Development

Arlene Asay, Specialist IV 12/20/1982
Budget Office

Bernadette Astorga-Martinez, Advisor II 9/11/1989
Skills Center

Joshua Auva`a, Custodian I 4/18/2001
Facilities Services

Senerita Auvaa, Specialist II 12/16/1991
Human Resources

Brinton Baggaley, Lead Electrician 02/16/2006
Facilities Electricians

Lois F. Baird, Secretary III 4/11/1997
1999 AS SALT LAKE COMMUNITY COLLEGE
1999 AAS SALT LAKE COMMUNITY COLLEGE
Program Development

Frank Baker, Project Manager 7/1/1995
1995 AAS SALT LAKE COMMUNITY COLLEGE
Facilities Services

Maria Bardini, Technician IV 10/18/2001
1965 AA COLEGIO MARTINEZ NEGRETE
2003 AS SALT LAKE COMMUNITY COLLEGE
2007 BFA UNIVERSITY OF UTAH
Institutional Marketing

Diana Barker, Specialist II 7/13/1998
Assessment & Testing

Sherrie Barrick, Secretary II 9/24/1996
Student Services

Earl Bartholomew, Administrative Assistant II 7/1/1961
1955 BS BRIGHAM YOUNG UNIVERSITY
1980 MS equiv in T & I USU and BYU
School of Continuing & Community Education, Arts & Communication

Cynthia Barton, Coordinator II 4/1/2005
2005 AAS SALT LAKE COMMUNITY COLLEGE
Accounting Program

Carol Bartz, Administrative Assistant II 7/16/1994
1970 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Facilities Services

David Bate, Curriculum Developer 10/15/1992
Faculty Teaching & Learning Center

Coleen Batt, Secretary III 2/21/1995
Faculty Senate

John Battersby, Heat Plant Operator 9/2/2003
Facilities Heat Plant Redwood

Lynda Baumgart, Supervisor V 10/29/1990
1994 BS LONG ISLAND UNIVERSITY
Accounts Payable

David Bawden, *Facilities Supervisor II* 1/1/1989
Facilities Services

Georgenia Beams, *Specialist III* 11/1/1997
1990 AS SALT LAKE COMMUNITY COLLEGE
Accounting Systems

Yvonne Beasley, *Administrative Assistant to the President* 4/24/1989
Office of the President

Katie Beattie, *Lab Coordinator III* 4/1/1991
Office of Information Technology

Kathleen R. Beecher, *Advisor I* 9/8/1987
Financial Aid

Jeannette Bell, *Coordinator III* 01/16/2003
Continuing Education

Sarah Bell, *Administrative Assistant I* 01/16/2003
Division of Business & Employer Outreach

Gwendolynn Bellon, *Coordinator III* 11/1/1991
Supported Employment Training

Sandra Bendfeldt, *Custodian I* 11/5/1992
Facilities Services

Linda Bennett, *Secretary III* 9/24/1997
Disability Resource Center

Edward Benson, *Fleet/Surplus/MDC Supervisor III* 10/23/2000
1984 BS BRIGHAM YOUNG UNIVERSITY
Facilities Fleet/Surplus/MDC

Valene Benson, *Technician I* 7/1/1999
College Bookstore

Curtis Bentley, *Concurrent Enrollment Liaison* 3/29/1994
1982 BA BRIGHAM YOUNG UNIVERSITY
1985 MA BRIGHAM YOUNG UNIVERSITY
Concurrent Enrollment

Susan Besser, *Coordinator V* 3/28/1978
1975 BS UNIVERSITY OF NORTHERN COLORADO
Transfer & Articulation

Diana Bevan, *Specialist III* 7/27/1990
School Relations

Shelly Beverley, *Administrative Assistant I* 5/12/1992
1992 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Skills Center

September Bickmore, *Advisor I* 11/01/2005
International Student Services

Deanna Bigelow, *Lead Cook* 12/1/1998
1999 CDA CHILD DEVELOPMENT INSTITUTE
2004 AS SALT LAKE COMMUNITY COLLEGE
Eccles Lab School

Lenora Billie, *Custodian I* 8/1/1989
Facilities Services

Dona Bilyeu-Dittman, *Advisor II* 5/1/2005
1981 BA BRIGHAM YOUNG UNIVERSITY
1996 MA Ed UNIVERSITY OF PHOENIX
Academic Advising

Kirk Bird, *Utility Worker* 2/13/1996
Facilities Services

Tricia Bishop, *Coordinator III* 8/16/2003
1997 BS UNIVERSITY WISCONSIN LA CROSSE
Health & Wellness Services

Carol Black, *Advisor II, Skills Center* 2/16/1998
Skills Center

Judith Black, *Accountant III* 5/11/1998
1972 AS DIXIE JUNIOR COLLEGE
1972 PROFICIENCY IN BUSINESS MANAGEMENT
DIXIE JUNIOR COLLEGE
1975 STANDARD BANKING
AMERICAN INSTITUTE OF BANKING
1980 ADVANCED BANKING
AMERICAN INSTITUTE OF BANKING
School of Health Sciences

Kathleen Blain, *Secretary III* 01/25/2005
Facilities Office

Michael Blain, *Cabinet Maker* 10/1/1991
Facilities Services

Cathleen Blake, *Accounting Tech II* 8/2/2004
Cashier Services

Stacy Bleggi, *Technician II* 4/16/2005
1999 MASSAGE THERAPY LICENSE
UTAH COLLEGE OF MASSAGE THERAPY
Student Loans & Receivables

Brenda Blocker, *Specialist V* 4/18/2005
1979 AS DIXIE COLLEGE
2001 AAS UTAH VALLEY STATE COLLEGE
2003 BS UTAH VALLEY STATE COLLEGE
2005 MAEd UTAH STATE UNIVERSITY
Instructional Design

Shelley Bodrero, *Technician I* 9/16/1994
Financial Aid

Elizete Bond, *Technician IV* 2/6/2003
Enrollment Services/Student Express

Nadine Bone, *Administrative Assistant II* 10/1/1984
1992 AS SALT LAKE COMMUNITY COLLEGE
Student Services

Lori Bonham, *Coordinator III* 01/02/2007
2003 AA BRIGHAM YOUNG UNIVERSITY
2006 BS UTAH STATE UNIVERSITY
Institutional Marketing

Cynthia Bonsall, *Advisor II* 2/1/1995
1990 AA WEBER STATE COLLEGE
1992 BA WEBER STATE UNIVERSITY
Student Support Services/TRIO Program

RaNae Booth, *Specialist II* 6/7/1995
Distance Education

Judy Boretsky, *Secretary III* 2/16/2005
Student Services

Anna Bostrom, *Accounting Tech III* 11/5/1999
2005 AS SALT LAKE COMMUNITY COLLEGE
Cashier Services

Wallace Bowden, *Custodian I* 3/6/1998
Facilities Services

Willow Bowen, *Specialist I* 3/11/2002
2005 AS SALT LAKE COMMUNITY COLLEGE
Enrollment Services

Steven Boyington, *Project Director, PWI* 3/19/2006
1976 BA WEBER STATE UNIVERSITY
1977 MS AMERICAN GRADUATE SCHOOL OF
INTERNATIONAL BUSINESS
Skills Center Projects With Industry

FULL-TIME STAFF CREDENTIALS

Louis Brackett, *Coordinator IV* 11/1/1993
 1969 BS UNIVERSITY OF UTAH
 1971 MS UNIVERSITY OF UTAH
 1974 M.T.R.S. NATIONAL RECREATION & PARK
 1989 MS UNIVERSITY OF UTAH
 US ARMY WAR COLLEGE

Lifetime Activities Center Events

William Bradford, *Director II* 8/16/1998
Academic Media Operations

Susan Brady, *Supervisor V* 5/23/1988
 1972 AS SNOW COLLEGE
 1998 BS UTAH STATE UNIVERSITY
Payroll

Paula Brancheau, *Specialist III* 01/02/2007
Continuing Education

Elizabeth Brewster, *Specialist I* 10/07/1996
Enrollment Services

Cheryl Bright, *Technician IV* 10/1/1988
Miller Financial Services

Deborah Bright, *Office Clerk III* 4/8/1996
 1999 AAS SALT LAKE COMMUNITY COLLEGE
Office of the Vice President of Academic Affairs

James Broadbent, *Manager II Faculty Services* 10/01/2006
 2003 BA UTAH STATE UNIVERSITY
 2006 MBA UNIVERSITY OF PHOENIX
 2007 CERTIFICATION SOCIETY FOR HUMAN RESOURCE
 MANAGERS

Human Resources

Shirley Brock, *Technician IV* 11/16/1992
 1973 BS BRIGHAM YOUNG UNIVERSITY
Enrollment Services/Student Express

Joseph Brooks, *Utility Worker* 6/1/1981
Facilities Services

Pamela Brooks, *Assistant I* 5/16/2003
 1986 BA CENTRAL MISSOURI STATE UNIVERSITY
 2003 M.Ed. UNIVERSITY OF MISSOURI ST. LOUIS
Financial Aid

Rachelle Brough, *Technician II* 11/16/2003
Academic Events

Elaine J. Brown, *Specialist II* 8/16/2005
Office of Equal Employment Opportunity

Lynn Brown, *Technician III* 4/1/1989
Contact Center

Mike L. Brown, *Advisor II* 9/1/1997
 1990 BS UNIVERSITY OF UTAH
 2002 AAS SALT LAKE COMMUNITY COLLEGE
Financial Aid

Scott Brown, *Lab Coordinator III* 9/23/1996
Office of Information Technology

Shawn Brunson, *Officer* 2/24/1997
Security

Gay Bryant, *Advisor II* 5/5/1997
 1970 AS DIXIE COLLEGE
 1973 BS UTAH STATE UNIVERSITY
Financial Aid

Taryn Buchanan, *Specialist I* 5/1/2000
Instructional Technology

Arlene Buhler, *Technician II* 2/13/2003
Parking Services

Marianne Buie, *Secretary III* 11/16/2005
Development Office

Barbara Burkart, *Director II* 11/1/1988
Student Support Services TRIO Program

Carrolyn Burningham, *Office Clerk III* 1/1/1990
School of Health Sciences

Joyce Burton, *Technician III* 5/31/1988
Student Loans & Receivables

Terri Busch, *Director III* 9/16/2000
 1988 BS UNIVERSITY OF UTAH
 1992 MSW UNIVERSITY OF UTAH
Health and Wellness/Counseling Center

Sara Byrd, *Technician I* 9/15/1992
Enrollment Services

Toni Byrd, *Director* 10/1/1994
The Grand Theatre

Duane Bywaters, *Heat Plant Operator* 4/16/1997
Facilities Heat Plant Jordan

Judy Calder, *Administrative Assistant II* 10/21/1996
Skills Center

Craig Caldwell, *Director II* 3/1/2004
 1988 BS NORTHEAST LOUISIANA UNIVERSITY
 1998 PhD TEXAS A & M UNIVERSITY
Biotech CRO

Gary Campbell, *Coordinator II* 10/16/1992
Learning Center

Jamie Campbell, *Administrative Assistant I* 6/13/1994
Division of Natural Sciences

Katherine Campbell, *Coordinator V* 1/1/1996
 1992 BA
Disability Resource Center

Ray Campos, *Heat Plant Operator* 10/14/1997
Facilities Heat Plant LHM

Tamera Caouette, *Specialist III* 7/1/2003
Skills Center

Laura Cardwell, *Supervisor II* 9/11/1996
Cashier Services

Keith Carson, *Utility Worker* 8/12/1991
Facilities Services

June Cassidy, *Interior Design Specialist I* 1/1/2000
Facilities Services

Barbara Cederholm, *Administrative Asst. III* 3/15/2000
Office of the Vice President of Student Services

Gabino Chacon-Escarcega, *Network Administrator II* 1/14/1997
Office of Information Technology

Patrick Chaffos, *Programmer Analyst III* 2/20/1991
 1986 AAS SALT LAKE COMMUNITY COLLEGE
 1986 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Susana Chaffos, *Specialist II* 4/16/1992
Academic Program Operations

Dana Champine, *Manager; Integrated App & Web*
Office of Information Technology 7/15/2004

Corinne Chapman, *Administrative Assistant I* 4/4/1989
Academic Affairs

MaryEtta Chase, Assistant Registrar 5/9/1994
2001 BS UNIVERSITY OF UTAH
Enrollment Services

Jose Chavez, Manager I 7/15/1998
1994 AAS SALT LAKE COMMUNITY COLLEGE
1997 BA UNIVERSITY OF UTAH
College Bookstore

Lin R. Chen, Lab Coordinator 9/25/1995
Language Department

Rong Chen, Technician III 1/22/2001
Student Loans & Receivables

Christopher Chisholm, Groundskeeper 5/14/2002
Facilities Services

Rhonda Christensen Low, Concurrent Liaison 08/26/2003
1995 AAS SALT LAKE COMMUNITY COLLEGE
1999 BA ST. MARY'S UNIVERSITY
2001 NCC NATIONAL BOARD FOR CERTIFIED COUNSELORS
2002 CPM STATE OF UTAH
Concurrent Enrollment

Joan Christiansen, Supervisor III 8/20/2001
Student Life & Leadership

Michael Clapier, Specialist IV 8/29/2005
Arts & Communication Department

Beth Clark, Accountant V 10/1/1997
1989 BS BRIGHAM YOUNG UNIVERSITY
1989 MS BRIGHAM YOUNG UNIVERSITY
1992 CPA STATE OF UTAH
Business Office

Cindy Wankier Clark, Advisor II 10/8/1991
1977 BS UTAH STATE UNIVERSITY
Academic Advising

Danny Clark, Custodian I 9/4/1990
Facilities Services

LeeAnn Clark, Administrative Assistant I 3/1/1984
Nursing Program

Randy Clark, Custodian I 4/27/1987
Facilities Services

Carol Clawson, Technician II 5/9/2002
2003 AAS SALT LAKE COMMUNITY COLLEGE
Human Resources

Steven Clement, Groundskeeper 11/16/1989
Facilities Services

Robby Cloward, Painter 08/12/2002
Facilities Paint Shop

Timothy Collins, Coordinator V 1/17/2006
1969 BA WESTMONT COLLEGE
1975 M.Ed. UNIVERSITY OF UTAH
Gear Up Program

Cynthia Cook, Administrative Assistant I 10/4/1999
Mathematics Department

Madeline Corona, Coordinator III 10/1/2005
CCPDI

Thomas Crawford, Lab Coordinator, IT 9/1/1982
Computer Information Systems Program

Steven Crowther, Concurrent Enrollment Liaison 1/8/2003
1975 BA BRIGHAM YOUNG UNIVERSITY
1979 MA BRIGHAM YOUNG UNIVERSITY
1991 MEd BRIGHAM YOUNG UNIVERSITY
Concurrent Enrollment/Math Liaison

Sherrie Curtis, Secretary II 6/3/1997
Office of the Vice President of Student Services

John Cuthbertson, Manager II 11/1/1998
Facilities Heat Plant

William Dabbs, Librarian 4/1/1993
1966 BA UNIVERSITY OF PUGET SOUND
1971 MLS BRIGHAM YOUNG UNIVERSITY
Library Services

Roberto DaCosta, Custodian I 10/16/2004
Facilities Services

Richard Daines, Librarian 10/2/1991
BA BRIGHAM YOUNG UNIVERSITY
MA DREXEL UNIVERSITY
Library Services

Julie Ann Dall, Custodian I 2/1/1997
Facilities Services

Telina Daniels, Advisor II 12/19/1990
2000 MA UNIVERSITY OF PHOENIX
Disability Resource Center

Tera Day, Advisor II 1/4/2000
2001 BS UTAH STATE UNIVERSITY
Disability Resource Center

Pearl Deal, Technician II 7/1/1992
Financial Aid

Maria De Cortes Sanchez, Custodian I 7/26/1999
Facilities Services

Pamela Denicke, Coordinator IV 4/1/2004
1993 AA SALT LAKE COMMUNITY COLLEGE
1995 BA WESTMINSTER COLLEGE
2001 MS UNIVERSITY OF UTAH
2001 MSW UNIVERSITY OF UTAH
Enrollment Services/Student Express

Jeffrey Derbidge, Facilities Supervisor III 6/16/2002
Facilities Services

Magen Despain, Technician III 12/2/2002
Offsite Student Services

Frank DiSera, Electrician 08/01/2006
Facilities Electricians

Kimberly Domacilio, Coordinator V 06/16/2004
1999 RM/YL BRIGHAM YOUNG UNIVERSITY
ETS College Bound

Kevin Doney, Coordinator III 2/12/1992
1977 AA RICKS COLLEGE
2001 BA COLUMBIA COLLEGE
Food Service SCC

David Douglas, Director I 6/1/2002
1998 AS SALT LAKE COMMUNITY COLLEGE
1999 BS UNIVERSITY OF UTAH
2005 MAEd UTAH STATE UNIVERSITY
Contact Center

Guy Douros, Coordinator I Satellite Ednet 8/9/1995
1982 AAS SALT LAKE COMMUNITY COLLEGE
Distance Education

Damir Dozic, Facilities Supervisor III 12/16/1998
Facilities Custodial

Jerry Draper, Assistant Manager 11/1/1993
Food Services

Chad Duke, Assistant Director, Facilities 6/6/1994
Facilities Services

FULL-TIME STAFF CREDENTIALS

Rebecca Dunn, *Specialist V* 12/16/2000
1996 BS BRIGHAM YOUNG UNIVERSITY
2006 MS UTAH STATE UNIVERSITY
Instructional Design

David Earl, *Maintenance Manager I* 3/22/1994
Facilities Services

David Easton, *Groundskeeper* 03/16/2006
Facilities Grounds

S. Easton, *Director III* 6/6/1988
1988 BA BRIGHAM YOUNG UNIVERSITY
2007 MA UNIVERSITY OF PHOENIX
Financial Aid

John Edwards, *Coordinator I* 3/21/1983
Academic Technical Operations

E. Marie Egbert, *Technician II* 5/22/1995
Financial Aid

Melanie Egbert, *Assistant Librarian* 4/29/1996
Library Services

Nelson T. Emeric, *Head Librarian, South City* 01/03/2002
2005 BA WESTMINSTER COLLEGE
2007 MA WESTMINSTER COLLEGE
Library Services

Myrna Emery, *Office Clerk II* 12/8/1986
Student Employment & Cooperative Education

Edward Endemano, *Technician II* 02/28/2006
Student Loans & Receivables

Olga Escobar-Jimenez, *Custodian I* 08/11/1999
Facilities Custodial Jordan

Loren P. Evans, *Registrar* 3/6/1973
1971 BA BRIGHAM YOUNG UNIVERSITY
Enrollment Services

Mary Evans, *Manager I* 8/1/1976
Data Center

Connie Faber, *Technician III* 02/01/1999
Student Loans & Receivables

Jackie Farnsworth, *Director II* 4/12/2000
1996 BS WESTMINSTER COLLEGE
2003 MS UNIVERSITY OF UTAH
Health & Wellness Services

Herbert Fenn, *Technician II* 4/16/2001
Building Construction Program

Steven Ferre, *Director II* 9/1/1970
College Bookstore

Nancy Ferrel, *Technician II* 7/15/1997
1998 AAS SALT LAKE COMMUNITY COLLEGE
Financial Aid

Sean-Paul Ferrini, *Technician II* 10/6/2003
Food Services

Nancy Fillat, *Director* 10/1/1989
1989 TESOL CERT. UNIVERSITY OF UTAH
1988 BA UNIVERSITY OF UTAH
International Student Services

Shawn Fillingim, *Specialist I* 3/1/2001
Miller Campus Events

James Fisher, *Specialist II* 11/1/1981
1987 AAS SALT LAKE COMMUNITY COLLEGE
Auxiliary Services

Judith Fisher, *Administrative Assistant I* 11/1/2001
Development Office

Marni Fisher, *Manager II* 5/21/2001
Human Resources

Krista Fletcher, *Specialist II* 09/01/2006
1994 BS UTAH STATE UNIVERSITY
2007 PHR SOCIETY OF HUMAN RESOURCE
MANAGEMENT
Human Resources

Nancy Flores, *Technician III* 10/26/2005
Copy Center

Sharie Fonoti, *Administrative Assistant I* 5/24/1993
Division of Engineering, Computer Science & Related Technologies

James Foreman, *Desktop Support Tech II* 7/15/2004
Office of Information Technology

Farrel Fountaine, *Officer* 7/16/2003
Security

Kristina Fox, *Specialist II* 12/1/2002
2000 AS SALT LAKE COMMUNITY COLLEGE
2002 BS UNIVERSITY OF UTAH
Student Support Services/ TRIO Program

Susana Fraga, *Custodian I* 11/28/2000
Facilities Services

Alfred Sterling Francom, *Director I* 4/16/1990
1969 BS UNIVERSITY OF UTAH
1971 MS UNIVERSITY OF UTAH
Entrepreneurship Training

Anne Freed-Goldberg, *Licensed Clinical Social Worker* 02/17/2004
1987 BA UNIVERSITY OF UTAH
2000 MSW UNIVERSITY OF UTAH
2006 LCSW
Health and Wellness

DeAnna Fry, *Secretary III* 4/1/1999
Continuing Education

Brent Fugal, *Heat Plant Operator* 5/16/2002
Facilities Heat Plant Redwood

Claudean Gallup, *Technician II* 11/20/1995
2005 AAS UTAH CAREER COLLEGE
Business Office

Sharon Gansauge, *Office Clerk IV* 4/28/1993
Library Services

Ana Garay, *Custodian I* 12/04/2000
Facilities Custodial Redwood

Carlos Garcia, *Lead II* 2/1/1999
Facilities Services

Marylyn Garcia, *Specialist I* 10/1/1972
Scheduling Office

Clinton Gardner, *Coordinator II* 9/25/1989
1987 BA UNIVERSITY OF UTAH
1990 MA COLLEGE OF WILLIAM AND MARY
Developmental Education

Sandra Gates, *Administrative Assistant II* 10/26/2000
2006 AS SALT LAKE COMMUNITY COLLEGE
Auxiliary Services

Teresa Gerber, *Advisor I* 06/16/2002
1993 BS BRIGHAM YOUNG UNIVERSITY
1995 MS BRIGHAM YOUNG UNIVERSITY
Academic Advising

Marilee Gibbs, Specialist II 8/9/2005
Incarcerated Student Program

Michael Gikiu, Custodian I 09/12/2005
Facilities Custodial Redwood

Saul Gilbert, Groundskeeper 05/01/2006
Facilities Grounds

Ronald Giles, Lead Carpenter 7/1/1983
1982 AAS UTAH TECHNICAL COLLEGE
Facilities Carpenters

Marianne Gines, Technician IV 5/1/1989
College Bookstore

Dawnalynn Girardelli, Coordinator V 5/23/2005
1995 BA California state university - Hayward
1998 MS Ed. CALIFORNIA STATE UNIVERSITY - HAYWARD
Continuing Education

Jon Glenn, Associate Director 12/16/1996
1993 BA UNIVERSITY OF UTAH
Library Services

Tamara Goetz, Director III 1/6/1997
1988 BS UNIVERSITY OF MISSOURI-COLUMBIA
1991 MS UNIVERSITY OF MISSOURI-COLUMBIA
1996 PhD WASHINGTON STATE UNIVERSITY
Biotechnology Program

Shirley Gold, Technician III 12/16/2001
Contact Center

Alyson Goalen, Coordinator III CTE Mktg 02/01/2007
2003 BA BRIGHAM YOUNG UNIVERSITY
Institutional Marketing

Rick Graham, Manager I 1/1/2000
CAD Application Training

Lynda Gray, Specialist IV 12/16/1998
Skills Center

Dixie D. Green, Secretary II 9/16/2004
Human Resources

Karen Green, Administrative Assistant II 07/16/2006
1970 AA SNOW COLLEGE
1995 BA UNIVERSITY OF UTAH
2001 AAS SALT LAKE COMMUNITY COLLEGE
Office of the Vice President of Community Affairs

Katrina Green, Advisor II 1/31/2000
1990 BA UTAH STATE UNIVERSITY
1993 MS UNIVERSITY OF UTAH
Academic Advising

Renee Griffin, Coordinator IV 5/16/2001
Continuing Education

Jessica Guiver, Administrative Assistant I 8/28/1995
2005 AS SALT LAKE COMMUNITY COLLEGE
2005 AAS SALT LAKE COMMUNITY COLLEGE
Division of Computer Information Systems, Marketing & Paralegal

Beverly Gundersen, Accountant II 1/2/1991
Facilities Services

Jonathan Hair, Accountant III 7/5/1995
1992 AS SALT LAKE COMMUNITY COLLEGE
1993 AS SALT LAKE COMMUNITY COLLEGE
1995 BS UNIVERSITY OF UTAH
Office of the Vice President of Academic Affairs

Angela Hale, Concurrent Enrollment Liaison 10/6/1994
1997 AS SALT LAKE COMMUNITY COLLEGE
1999 BS UNIVERSITY OF UTAH
Concurrent Enrollment

James Hale, Utility Worker 2/1/1986
1986 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1992 AAS SALT LAKE COMMUNITY COLLEGE
1992 AAS SALT LAKE COMMUNITY COLLEGE
2003 AS SALT LAKE COMMUNITY COLLEGE
Facilities Services

Christie Hall, Coordinator III 11/15/1995
2000 BS UNIVERSITY OF UTAH
2002 MA UNIVERSITY OF UTAH
Developmental Education

Steven Hamann, Locksmith 9/16/1998
2002 CERTIFICATION ALOA
Facilities /Sign Office

Steven Hamblin, Manager III 3/4/2005
1996 BS BRIGHAM YOUNG UNIVERSITY
Biotechnology

Mark Hamilton, Director IV 4/12/1977
1981 AA SALT LAKE COMMUNITY COLLEGE
1976 BS UNIVERSITY OF UTAH
1991 CERTIFIED PUBLIC ACCOUNTANT
1996 ASSOC. OF GOVERNMENT ACCOUNTS
Accounting Systems

Gregory Hand, Plumber 9/1/1984
1976 CERTIFICATION STATE OF UTAH
1988 AAS SALT LAKE COMMUNITY COLLEGE
1995 PROCTOR TRAINER ABPA
2000 LICENSE STATE OF UTAH
Facilities Services

Cindy Hansen, Secretary III 9/28/1993
1995 AS SALT LAKE COMMUNITY COLLEGE
1995 AAS SALT LAKE COMMUNITY COLLEGE
Apprenticeship

Clara Hansen, Secretary I 9/26/1994
Skills Center

Douglas Hansen, Assistant Controller 11/8/1999
1979 BA UNIVERSITY OF UTAH
1982 CPA STATE OF UTAH
Business Office

Jon Hansen, Project Manager 6/8/1995
Facilities Services

Susan Hansen, Technician IV 4/15/1997
Development Office

Wesley Hansen, Carpenter 12/1/2005
Facilities Services

Beth Hanson, Secretary III 5/16/2001
1999 CERTIFICATE INTERNATIONAL ASSOCIATION OF
ADMINISTRATIVE PROFESSIONALS
2005 NOTARY PUBLIC
Institute of Public Safety

Susan Hardcastle, Office Clerk II 9/1/1985
Mail Services

Wiley Harp, Custodian III 11/1/1996
Facilities Services

Mary Harris-Montoya, Specialist II 1/1/1990
Assessment & Testing

Terry Harrison, Custodian I 9/1/1969
Facilities Services

Nadine Hart, Specialist II 9/10/1991
Human Resources

Diana Harvey, Director II 1/1/1985
1971 BS BOWLING GREEN STATE UNIVERSITY
1975 MS BOWLING GREEN STATE UNIVERSITY
Assessment & Testing

FULL-TIME STAFF CREDENTIALS

Tina Harward, *Administrative Assistant I* 5/21/2002
Distance Education

Marian Hatfield-Jones, *Medical Assistant* 8/22/2000
Health & Wellness Services

Shirley Hathaway, *Accounting Tech I* 10/1/2003
Continuing Education

Mary Ann Hatton, *Secretary II* 2/4/2002
Auxiliary Services

Clinton Haymond, *Custodian I* 1/3/2004
Facilities Services

Darlene Head, *Specialist I* 4/1/1984
1985 AAS SALT LAKE COMMUNITY COLLEGE
1987 AAS SALT LAKE COMMUNITY COLLEGE
Veterans Affairs Office

Donita Head, *Technician III* 9/1/1991
1994 AS SALT LAKE COMMUNITY COLLEGE
Business Office

Michelle Healy, *Director I ASL/I Fast Track* 08/16/2002
Continuing Education

Deone Heap, *Custodian I* 1/2/1996
Facilities Services

Kenneth Heath, *Technician IV* 9/3/1996
Skills Center

Keith Heigert, *Advisor II* 10/1/1984
1980 AS EDMONDS COMMUNITY COLLEGE
1981 BS BRIGHAM YOUNG UNIVERSITY
1984 MEd BRIGHAM YOUNG UNIVERSITY
Academic Advising

Aaron Heller, *Custodian I* 4/1/1998
Facilities Services

Sandra Helm, *Secretary III* 12/28/1992
1991 CERTIFICATE OF COMPLETION
SALT LAKE COMMUNITY COLLEGE
1992 ONE YEAR CERTIFICATE
SALT LAKE COMMUNITY COLLEGE
Health & Wellness Services

Keith Heltman, *Technician II* 10/7/1997
1998 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
1999 AAS SALT LAKE COMMUNITY COLLEGE
1999 AAS SALT LAKE COMMUNITY COLLEGE
2000 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Electrical Technologies

John Henderson, *Groundskeeper* 7/1/1985
Facilities Services

Lawanna Henderson, *Administrative Assistant II* 9/22/1986
School of Health Science

Jennifer Hendricks, *Supervisor I, Circulation* 05/16/2006
2002 BA UNIVERSITY OF UTAH
2005 MLS EMPORIA STATE UNIVERSITY
Learning Resources

Joyce Hendricks, *Technician II* 8/26/1997
Data Center

Maurine Hendrickson, *Administrative Assistant II* 5/1/1983
1978 CERTIFICATE UTAH TECHNICAL COLLEGE
2004 AS SALT LAKE COMMUNITY COLLEGE
Office of the Dean of Students

Ruth Henneman, *Specialist IV* 02/16/2006
Financial Aid

David Henson, *Lab Coordinator* 9/28/1987
1970 BS UNIVERSITY OF HOUSTON
English

Ann Herd, *Director I* 11/10/1998
1981 BA UNIVERSITY OF UTAH
Academic Program Development

Irma Hermosillo, *Custodian I* 12/1/1997
Facilities Services

David Hernandez, *Heat Plant Operator* 12/1/2000
Facilities Heat Plant Redwood

Luis Hernandez, *Utility Worker* 7/12/2002
Facilities Services

Dede Herrera, *Secretary II* 03/16/2006
Skills Center PWI

Jack Hesleph, *Director II* 12/1/1984
1972 BS SOUTHERN OREGON STATE COLLEGE
Student Employment & Cooperative Ed. Services

Kay Hill, *Acquisitions Technician III* 2/23/1998
Library Services

Kent Hilton, *Coordinator III* 9/1/2002
Continuing Education

Ryan Hobbs, *Director* 2/1/2002
1999 BS UTAH STATE UNIVERSITY
2000 MS UTAH STATE UNIVERSITY
Distance Education & Learning Technologies

James S. Hoffman, *Director I* 7/1/1987
Law Enforcement

Karen Hoffman, *Administrative Assistant II* 6/1/1985
1985 AAS SALT LAKE COMMUNITY COLLEGE
School of Humanities & Social Sciences

Peggy Hoffman, *Director I* 10/1/1990
Student Life & Leadership

Jolene Holbrook, *Manager II* 09/16/2006
Continuing Education

Donald Holm, *Groundskeeper* 9/3/2002
Facilities Services

Jennifer Holmes, *Accountant I* 1/3/2006
Development Office

Kristin Hommel, *Manager II* 06/16/2006
Continuing Education

David Hopper, *Desktop Support Technician II* 8/20/1990
1994 AAS SALT LAKE COMMUNITY COLLEGE
1969 BS BRIGHAM YOUNG UNIVERSITY
1981 DOCTOR OF CHIROPRACTIC NATIONAL COLLEGE
OF CHIROPRACTIC
Office of Information Technology

Nathaniel Houtz, *Heat Plant Operator* 7/13/1998
Facilities Heat Plant SCC

Trina Howard, *Technician I* 5/2/1995
1994 AAS SALT LAKE COMMUNITY COLLEGE
2004 FAMILY PROGRAMS MASTER TRAINER U.S. ARMY
College Bookstore

Kameron Howell, *Carpenter* 03/16/2006
Facilities Carpenters

Sherra Howell, *Technician IV* 9/27/2004
Dental Hygiene Program

Marian Howe-Taylor, Manager III 10/16/1999
Continuing Education

Janet Hunsaker, Secretary III 1/9/1990
Business Services

R. John Hunt, Specialist II 03/01/2006
1971 AS RICKS COLLEGE
1973 BS BRIGHAM YOUNG UNIVERSITY
1994 MA WEBSTER UNIVERSITY
Office of Information Technology

Darren Hunter, Help Desk Technician I 2/16/2005
1999 MCP MICROSOFT
2006 AS SALT LAKE COMMUNITY COLLEGE
2006 AS SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Kathleen Hurd, Director 10/16/1990
1970 BS UNIVERSITY OF UTAH
2001 MA UNIVERSITY OF PHOENIX
1985 ASSERTIVE COMMUNICATION PHOENIX INSTITUTE
University Center

Deron Hutchinson, Advisor II 8/16/1992
Academic Advising

Gloria Iser, Coordinator I 4/16/2004
Miller Business Innovation Center

Patricia Isom, Administrative Assistant I 1/16/2002
Career & Technical Education

Svetlana Ivanova, Web Technician IV 9/1/2002
2000 AAS SALT LAKE COMMUNITY COLLEGE
Institutional Marketing

J. Scott Iverson, Director I 05/16/2006
Art, Communication & Digital Media

Lorna Izatt, Specialist II 1/1/1987
Library Services

Julie Jackman, Coordinator V 9/25/1995
Student Support Services

Amanda Jacobsen, Advisor I 01/16/2007
Financial Aid

Brandee Jacobsen, Technician I 05/26/1998
Financial Aid

Yvonne Jarque, Coordinator II 8/23/2000
1965 BS UNIVERSITY OF ILOILO
1971 MAT UNIVERSITY OF PHILIPPINES
2000 CERTIFICATION UTAH STATE BOARD OF EDUCATION
Department of Natural Science and Communications

Delan Jensen, Lab Coordinator III 6/1/1981
1984 AS SALT LAKE COMMUNITY COLLEGE
1991 BS NEW YORK STATE REGENTS COLLEGE
2006 MAEd UTAH STATE UNIVERSITY
Office of Information Technology

Deon Jensen, Technician II 10/28/1991
Business Office

Paul Jensen, Heat Plant Operator 08/16/2006
Facilities Heat Plant LHM

Sharon Jensen, Technician I 1/1/1991
Auxiliary Services

Gail Jessen, Specialist II 7/15/2002
2002 BA WESTMINSTER COLLEGE
Thayne Center for Service & Learning

Rowena Johanson, Coordinator II 6/22/1992
Distance Education

Jeff Johnsen, Specialist V 1/4/1972
1971 BA WEBER STATE COLLEGE
Financial Aid

Barbara Johnson, Manager I 6/16/2001
1981 BA UTAH STATE UNIVERSITY
Eccles Lab School

Bonnie Johnson, Buyer 7/16/1990
Purchasing Services

Brandon Johnson, Web Systems Administrator 7/6/1999
Office of Information Technology

Jesse Johnson, Utility Worker 9/13/1995
Facilities Services

Kristin Johnson, Assistant Librarian II 1/16/1994
1974 BA UNIVERSITY OF THE PACIFIC
1976 MA UNIVERSITY OF UTAH
1993 MASTER OF LIBRARY & INFORMATION SCIENCE BYU
Library Services

Marian Johnson, Specialist II 8/4/1994
Financial Aid

Sharon Johnson, Office Clerk IV 9/27/2004
2002 AS SALT LAKE COMMUNITY COLLEGE
Auxiliary Services

Heather Jonassen, Technician II, Financial Aid 12/16/1997
Financial Aid

Dave Jones, Specialist II Public Relations 12/01/2006
1997 BS UNIVERSITY OF UTAH
Institutional Marketing

Jerry Jones, Controls Technician 7/1/1982
Facilities Control Tech SCC

Kristyn Jones, Network Administrator II 11/01/1999
Office of Information Technology

Mark D. Jones, Secretary/Lab Aide 01/02/2007
1993 AGS PORTLAND COMMUNITY COLLEGE
1995 AAS PORTLAND COMMUNITY COLLEGE
American Sign Language/Interpreting

Rachelle Jones, Specialist I 3/20/1995
Payroll

Ronald Jones, Painter 5/1/1977
Facilities Services

Kathy Jonsson, Secretary III 11/24/2003
Off Site Development

Lynne Marie Judd, Coordinator III 12/01/2006
2001 BA BRIGHAM YOUNG UNIVERSITY
Office of the Vice President of Institutional Advancement

Monika Kaggie, Supervisor II 9/25/1995
1997 AS SALT LAKE COMMUNITY COLLEGE
Cashier Services

Kauli Kaio, Advisor II 3/25/1996
1978 BA BRIGHAM YOUNG UNIVERSITY
Academic Advising

Marian L. Kane, Advisor I/Vocational Evaluator 3/1/06
1976 BS UNIVERSITY OF UTAH
1976 MAEd UNIVERSITY OF UTAH
UTAH LEVEL 2 EDUCATOR LICENSE
Skills Center

Sulistiyan Kathol, Specialist I 7/1/1996
1997 AS SALT LAKE COMMUNITY COLLEGE
2000 AAS SALT LAKE COMMUNITY COLLEGE
2003 BS UNIVERSITY OF UTAH
Orientation

FULL-TIME STAFF CREDENTIALIALS

Ginger Kelley, Secretary III 10/01/2006
Continuing Education

Jill Kemerer, Director I 8/26/1993
1975 BS WEST VIRGINIA UNIVERSITY
2002 M. Ed. WESTMINSTER COLLEGE
School Relations

Erika Kent, Specialist I 1/17/2001
Health Science Enrollment Services

Laraine Kent, Administrative Assistant I 2/5/1992
Division of Technical Specialties

Sandra L. Kikuchi, Director 6/1/2004
Faculty Services & Study Abroad

Patricia King, Circulation & Reserve Lead 7/16/1998
Library Services

Jodi Kinner, Advisor II 8/16/2000
1998 BA GALLAUDET UNIVERSITY
2000 MSW GALLAUDET UNIVERSITY
Disability Resource Center

Wesley Koga, Electrician 02/16/2006
Facilities Electricians

Brandon Kowallis, Concurrent Enrollment Liaison 11/1/2005
2000 AA UTAH VALLEY STATE COLLEGE
2004 BA BRIGHAM YOUNG UNIVERSITY
Concurrent Enrollment

Samuel Kuhn, Network Systems Admin I 11/11/1991
1994 AS SALT LAKE COMMUNITY COLLEGE
2002 BS WEBER STATE UNIVERSITY
Library Services

John Kunkel, Lab Coordinator III 12/1/2000
1985 BS WEBER STATE UNIVERSITY
Office of Information Technology

Bagley Lacey, Coordinator III 16/01/2006
Paralegal

Shiow-Mei Lake, Office Clerk II 9/1/2004
Sandy Center

Larry Landward, Advisor II 10/1/1981
1965 BA BRIGHAM YOUNG UNIVERSITY
1971 MS UNIVERSITY OF UTAH
Disability Resource Center

William Laney, Director IV 9/1/1976
1969 BS COLORADO UNIVERSITY
1974 M. Ed. UNIVERSITY OF UTAH
1979 TECHNICAL & INDUSTRY CERTIFICATE
UTAH STATE BOARD OF EDUCATION
Continuing Education

Joel Langford, Accounting Tech II 01/05/2004
Cashier Services

Marcia LaValle, Advisor II, Academic Advising 11/16/2002
1979 BA UNIVERSITY OF MICHIGAN
1982 MA EASTERN MICHIGAN UNIVERSITY
Academic Advising

James Lawson, Accountant V 8/1/1973
Business Office

Jack Y. Lee, Lab Coordinator III 6/1/1994
Office of Information Technology

Lynda Leeds, Secretary II 10/9/1991
TRIO Program

Alan Leek, Desktop Support Technician II 10/1/1985
1985 AAS SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Shauna Lees, Specialist II 9/1/1992
Development Office

Dan Leonard, Lead II 12/16/2002
Facilities Services

Pedro Leonardini, Custodian III 7/6/1993
Facilities Services

Stephen Lester, Lead 5/16/1994
Parking Services

Ryan Levesque, Technician II 12/1/2005
2001 AS SALT LAKE COMMUNITY COLLEGE
Enrollment Services

Steven Lewis, Coordinator V 3/16/1994
1987 BS UNIVERSITY OF SOUTH DAKOTA
1987 BS UNIVERSITY OF MINNESOTA
1991 MS CALIFORNIA STATE UNIVERSITY
Disability Resource Center

Preston Lindhardt, Specialist II 2/17/2005
2000 AS SALT LAKE COMMUNITY COLLEGE
2003 BS UNIVERSITY OF UTAH
Health & Wellness Services

Manny Lizarraga, Heat Plant Operator 2/1/2005
Facilities Heat Plant Redwood

Brackett Louis, Coordinator IV 01/11/1993
Life Activities Center

Shauna Lower, Director I, CCPDI 9/1/2005
Continuing Education

Kristine Lujan, Specialist II 9/21/1993
1995 AS SALT LAKE COMMUNITY COLLEGE
1998 BS UNIVERSITY OF UTAH
1996 CERTIFICATE OF CRIMINOLOGY
UNIVERSITY OF UTAH
Assessment & Testing

Joshua Lund, Technician IV 12/04/2002
2005 AS SALT LAKE COMMUNITY COLLEGE
2007 BS UNIVERSITY OF UTAH
Facilities Key Office

Kelly Lund, Manager I, Crafts 9/4/2001
2005 AAS SALT LAKE COMMUNITY COLLEGE
Facilities Services

Robert Lund, Manager III 2/14/2000
Facilities Office

Marc Lundstrom, Specialist V 12/1/2005
2001 BA UTAH STATE UNIVERSITY
2003 MS UTAH STATE UNIVERSITY
Distance Education

Janice Lust, Specialist I 12/8/1997
Purchasing Services

William Lye, Specialist V 1/1/1985
Instructional Design

Eric Lynn, Lab Coordinator II 1/11/1999
ASL/Interpreting Program

Roger Mackay, Plumber 3/16/1996
1992 JOURNEYMAN PLUMBER
SALT LAKE COMMUNITY COLLEGE
Facilities Services

Edna Mackenzie, Custodian I 12/1/1997
Facilities Services

R. John Madsen, Network Administrator I 2/1/2006
1994 BA UNIVERSITY OF UTAH
Office of Information Technology

Barbara Madsen-Grundmann, *Administrative Assistant I*
Student Services 9/24/1986

Brower Maitland, *Coordinator III*
Academic Camps 05/03/2001

Sandy Manor, *Coordinator V* 9/16/1994
1987 BS UNIVERSITY OF MONTANA
1990 MS MSU BILLINGS
Disability Resource Center

Lesla Marchant, *Technician III* 8/20/2003
Nursing Program

Katherine Marshall, *Supervisor II* 11/8/2001
Cashier Services

Christine Martin, *Coordinator IV* 3/23/1998
Program Consulting

Paul Martin, *Controls Technician* 9/1/1984
Facilities/Control Tech Redwood

Fred Martinez, *Facilities Supervisor III* 1/2/2002
Facilities Services

Samuel Martinez, *Manager II* 12/1/1990
1976 AS SALT LAKE COMMUNITY COLLEGE
1997 BS TM UVSC
Facilities Office

Kristine Mascarenas, *Technician III* 5/29/1996
Contact Center

Matthew Mason, *Lab Coordinator III* 10/28/1998
2001 AS SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Cindy Massimini, *Manager* 7/15/2004
1981 CERTIFICATE LDS BUSINESS COLLEGE
1994 AS BARSTOW COMMUNITY COLLEGE
2001 BS PARK UNIVERSITY
Office of Information Technology

Jacquelyn Mathews, *Lab Aide* 7/9/2001
Eccles Lab School

Narlene Mathie, *Specialist III* 9/22/2005
1993 BS WEBER STATE UNIVERSITY
The Grand Theatre

Larry Maughan, *Telecommunications Manager* 4/27/1998
Office of Information Technology

Michael McBride, *Specialist I* 3/1/1990
Financial Aid

Jourdan McCall, *Programmer Analyst III* 4/3/1995
1989 AA SALT LAKE COMMUNITY COLLEGE
1991 BA UNIVERSITY OF UTAH
1995 M. Ed UNIVERSITY OF UTAH
Office of Information Technology

Rory McCarren, *Heat Plant Operator* 12/16/1990
1976 LICENSE UTAH TECHNICAL COLLEGE
2006 LICENSE
Facilities Heat Plant

Lynn McCue-Hamilton, *Specialist II* 02/03/2004
Thayne Center for Service & Learning

Barbara McCullough, *Secretary II* 11/1/1989
School of Humanities & Social Sciences

Toni McDermott-Cornell, *Administrative Assistant I*
9/7/2005
Division of Arts, Communication & Digital Media

Terri McGhee, *Coordinator IV* 8/16/2005
1985 BS UNIVERSITY OF UTAH
1986 BS UNIVERSITY OF UTAH
Grand Theatre

Mark McKenzie, *Advisor II*
6/20/1988
Skills Center

Shannon McWilliams, *Director* 1/27/1987
1995 AS SALT LAKE COMMUNITY COLLEGE
1991 AAS SALT LAKE COMMUNITY COLLEGE
1997 BS UNIVERSITY OF UTAH
Offsite Student Services

Barbara Mecham, *Office Clerk II* 11/1/1995
Contact Center

Veronica Medina, *Advisor II* 7/1/1983
Skills Center

Maria Medina Rodriguez, *Custodian I* 02/07/2000
Facilities Custodial Redwood

Douglas Mendenhall, *Carpenter* 7/1/1985
1998 APPRENTICESHIP/CARPENTRY
STATE OF UTAH
Facilities Services

Carrie Menzel, *Specialist I* 1/8/2004
2007 AS SALT LAKE COMMUNITY COLLEGE
2007 BA UNIVERSITY OF PHOENIX
Human Resources/Staff Development

Paula Michniewicz, *Specialist V* 8/26/2000
2004 MAEd. UTAH STATE UNIVERSITY
Instructional Design

LaDawn Miera, *Specialist III* 1/3/2005
1992 BS WESTMINSTER COLLEGE
Transfer & Articulation

Denise Lynn Miller, *Administrative Assistant II* 10/07/1996
Human Resources

Kevin Miller, *Director III* 9/1/1998
1976 BA HUNTINGTON COLLEGE
1978 MA EASTERN BAPTIST THEOLOGICAL SEMINARY
Skills Center

Rebecca Miller, *Specialist III* 7/1/1986
Budget Office

Steven Million, *Trainer I* 8/1/1991
Academic Affairs

Valorie Mills, *Network Admin II* 5/1/1989
Office of Information Technology

Andrew Mingl, *Accountant IV* 7/9/2001
1996 BS UTAH STATE UNIVERSITY
Development

Donna Mirabile, *Help Desk Technician I* 7/15/2004
Office of Information Technology

Vilma Montes, *Coordinator II* 11/16/1997
Biology Program

Casey Moore, *Technology Director* 7/15/2004
1994 BS UNIVERSITY OF UTAH
Office of Information Technology

Jackie Moore, *Supervisor II* 8/29/1995
College Bookstore

John Morgan, *Media Specialist IV* 9/15/1986
1978 BS UNIVERSITY OF UTAH
1989 MS UNIVERSITY OF UTAH
Institutional Marketing

FULL-TIME STAFF CREDENTIALS

Vickie Morgan, Advisor II 11/01/2006
1999 BFA UNIVERSITY OF UTAH
2006 BS UNIVERSITY OF UTAH
2006 MAAT SCHOOL OF THE ART INSTITUTE OF CHICAGO
Academic Advising

Lonnie Morrison, Painter 9/1/1989
Facilities Paint Shop

Joann Moss, Office Clerk II 3/1/1988
Contact Center

Teri Nay, Receptionist 03/05/2004
Barbering and Cosmetology

Michelle Neeshan, Family Nurse Practitioner 7/13/2004
Health & Wellness Services

Mike Neilson, Carpenter 6/1/1999
Facilities Services

Angela Nelsen, Administrative Assistant II 12/12/1984
1985 WORD PROCESSING CERTIFICATE
UTAH TECHNICAL COLLEGE
School of Business & Developmental Education

Errol Nelson, Custodian I 6/11/2001
Facilities Custodial Redwood

Connie Nieberger, Manager II 7/1/1988
Cashier Services

Desiree Nielsen, Specialist I 8/16/1990
Off Site Student Services

Shelley Nielsen, Marketing Specialist II 6/26/1995
Skills Center

Gloria North, Supervisor III 4/29/1994
Cashier Services

Evelynn O`Dell, Advisor II 7/16/2001
Academic Advising

April Ollivier, Coordinator IV 01/01/2007
1997 BA UNIVERSITY OF OREGON
2003 MS UNIVERSITY OF UTAH
Student Life and Leadership

Albert Olofson, Custodian I 4/24/1995
1992 AAS SALT LAKE COMMUNITY COLLEGE
Facilities Services

Barbara Olofson, Technician I 10/1/1988
1988 AAS SALT LAKE COMMUNITY COLLEGE
Enrollment Services

Mike Olsen, Heat Plant Operator 10/1/2002
Facilities Heat Plant Redwood

Allen Olson, Custodian I 1/25/1994
Facilities Services

Heather Olson, Tech IV 7/2/2001
Allied Health Accreditation

LeAna Olson, Specialist II, CTE 10/01/2002
Career and Technical Education

Margaret Omana, Technician III 7/8/2002
Skills Center

Rudy Ortiz, Assistant Director I 11/15/2004
1981 AA DEL MAR COLLEGE
1994 BA TEXAS A&M
1996 MA TEXAS A&M
Small Business Development Center

Michael Ostlund, Assistant Coach 7/1/2002
1988 AA SKAGIT VALLEY COLLEGE
1991 BIS WEBER STATE UNIVERSITY
2004 MBA SAINT MARTIN'S COLLEGE
Athletics

Emma Padovich, Technician II 08/02/1995
2007 AS SALT LAKE COMMUNITY COLLEGE
Academic Advising

Clayton Page, Accountant III 7/1/2002
1996 BS UNIVERSITY OF UTAH
Accounting Systems

Seini Pahulu, Advisor II 6/16/2004
1998 BSW BRIGHAM YOUNG UNIVERSITY - HAWAII
2002 MSW BRIGHAM YOUNG UNIVERSITY - PROVO
Academic Advising

Steven Palfreyman, Desktop Support Tech I 7/15/2004
Office of Information Technology

Martin Palma, Advisor II 9/1/2004
Academic Advising

Annette Palmer, Administrative Assistant II 10/1/1994
1998 AAS SALT LAKE COMMUNITY COLLEGE
2001 AAS SALT LAKE COMMUNITY COLLEGE
Risk Management

Greg Panichello, Director V 5/11/2004
1975 BS PORTLAND STATE UNIVERSITY
2004 MS MARYLHURST UNIVERSITY
Utah Small Business Development Center

Ruby Jane Park, Secretary II 10/23/1998
2000 AAS SALT LAKE COMMUNITY COLLEGE
Concurrent Enrollment

Maryann Parker, Secretary III 05/01/1985
Student Employment and Cooperative Education

Sonia Alarcon Parker, Director II 1/26/1998
1981 BA UNIVERSIDAD DE GUAYAQUIL
1984 MA BRIGHAM YOUNG UNIVERSITY
Academic Advising

Maryann Parker, Secretary III 5/1/2005
Student Employment & Cooperative Education

Philip Paro, Manager II, Grounds 11/1/1991
Facilities Services

Brad Paulson, Specialist I 3/16/2001
Facilities Sign Office

Brad Peek, Utility Worker 01/10/2000
Facilities Lights

Yvonne Pehrson, Technician II 8/1/1990
Data Center

Robin Pemberton, Telecommunications Tech II 7/14/1997
Office of Information Technology

Mary Perez, Administrative Assistant I 5/1/1980
1980 AAS SALT LAKE COMMUNITY COLLEGE
Division of Business Administration

Kymm Perrine, Technician II 10/25/1993
Financial Aid

Holly Perry, Concurrent Liaison 03/16/2000
1997 BS UNIVERSITY OF WYOMING
Concurrent Enrollment

Steven Perry, Lab Coordinator III 3/3/1992
Office of Information Technology

Lisa Peshell, *Coordinator IV* 6/1/1995
 1990 BS UTAH STATE UNIVERSITY
 1995 MS EASTERN KENTUCKY UNIVERSITY
Athletics

Lola Peterson, *Specialist III* 10/10/2002
 2003 AS SALT LAKE COMMUNITY COLLEGE
 2004 BS WEBER STATE UNIVERSITY
 2006 MCJ WEBER STATE UNIVERSITY
School Relations

Lynn Peterson, *Cabinet Maker* 5/1/1994
Facilities Crafts

Ralph Peterson, *Specialist II* 1/1/1976
Apprenticeship

Ruth Peterson, *MIS Technician II* 10/1/1977
Skills Center

Judy Pettit, *Accounting Tech III* 5/1/1989
College Bookstore

Tony Pezely, *Assistant Coach* 7/12/2004
Athletics

Wilfred Pierce, *Assistant Director I* 12/1/2005
 2003 BS UNIVERSITY OF NEVADA, LAS VEGAS
Apprenticeship Program

Richard Pineda, *Custodian II* 6/16/2003
Facilities Services

Kathy Pizzello, *Administrative Assistant III* 10/1/1980
 2002 AS SALT LAKE COMMUNITY COLLEGE
Office of the Vice President of Business Services

Ryan Potter, *Specialist V* 12/1/2002
 1998 BFA UNIVERSITY OF UTAH
Distance Education

Wendy Potter, *Specialist IV* 10/20/1989
Student Employment & Cooperative Education
 1995 AS SALT LAKE COMMUNITY COLLEGE
 2002 BS WEBER STATE UNIVERSITY
Student Employment & Cooperative Education

Pamela M. Poulson, *Technician IV* 10/4/1999
 1975 BFA UNIVERSITY OF UTAH
 1975 LEVEL 2 TEACHING LICENSE STATE OF UTAH
 1989 BS UNIVERSITY OF UTAH
 2004 MAEd UNIVERSITY OF PHOENIX
Institutional Marketing

A. J. Prentice, *Technician II* 8/14/2002
Data Center

Lu Prickett, *Director* 3/11/2002
The Grand Theatre

Julie Pugmire, *Office Clerk II* 8/24/1987
 1989 AAS SALT LAKE COMMUNITY COLLEGE
Division of Business Administration

Larry Pulley, *Technician III* 6/13/1988
 1990 AAS SALT LAKE COMMUNITY COLLEGE
Enrollment Services

Val Putnam, *Heat Plant Operator* 05/01/1983
Facilities Heat Plant Jordan

Mary Quandt, *Technician II* 9/29/1997
Business Office

David Raiford, *Web Coordinator IV* 4/7/1997
 1999 AS SALT LAKE COMMUNITY COLLEGE
Institutional Marketing

Michael Ramey, *Supervisor III* 4/4/2005
Facilities Services

Brent Ranke, *Desktop Support Tech I* 11/5/1999
Office of Information Technology

Robert R. Rantz, *Manager* 11/1/1984
 1984 AAS SALT LAKE COMMUNITY COLLEGE
 1986 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
 1991 AS SALT LAKE COMMUNITY COLLEGE
 1995 BS UTAH STATE UNIVERSITY
Office of Information Technology

Sally Rasmussen, *Office Clerk IV* 6/8/1988
Payroll

Shane Record, *Assistant Manager* 12/10/2002
Aircraft Maintenance Program

Danny Reed, *Custodian I* 6/1/1974
Facilities Services

Lynda Reynolds, *Manager I* 10/1/1991
Student Loans & Receivables

Trudy Richardson, *Concurrent Enrollment Liaison*
Concurrent Enrollment 2/1/2003

Jared Ricketts, *Desktop Support Technician II* 11/3/1998
Office of Information Technology

Timothy Riesen, *Director II* 12/1/2004
Continuing Education

Sharon Riggs, *Manager I* 2/25/1988
College Bookstore

Carrie Riley, *Manager II* 1/3/1989
 1982 BS UTAH STATE UNIVERSITY
Skills Center

William Riley, *Coordinator I* 10/3/1986
Mathematics Department

Linda Rilk, *Technician I* 8/1/1985
Graduation

Gloria Rivera, *Advisor II* 3/7/2001
 1973 AS RICKS COLLEGE
 1983 BS UNIVERSITY OF UTAH
 1992 MS UNIVERSITY OF UTAH
Skills Center

Tony Rizzuto, *Academic Advisor II* 4/1/1999
Academic Advising

JoEllen Robbins, *Manager II* 07/25/2006
Continuing Education

Valerie Rodel, *Assistant Coach* 9/1/1997
 1997 BS WEBER STATE UNIVERSITY
 2002 MAEd UNIVERSITY OF PHOENIX
Athletics

Liliana Rodriguez, *Advisor II* 2/1/1993
Skills Center

Irene Rogers, *Supervisor III* 1/2/2001
 1984 CDA UTAH TECHNICAL COLLEGE
Dental Hygiene Program

Janice Rogers, *Administrative Assistant II* 02/16/2006
Dean's Office, School of Science Mathematics & Engineering

Roderich Romboy, *Director II* 7/16/2000
 1967 BS UNIVERSITY OF UTAH
 1971 MPA UNIVERSITY OF UTAH
 CRC NATIONAL REHABILITATION ASSOCIATION
Disability Resource Center

FULL-TIME STAFF CREDENTIALS

Alisha Roylance, *Custodian I* 07/20/2005
Facilities Custodial Redwood

Bonifacio Rubio, *Custodian I* 3/12/1997
Facilities Services

Courtney Ruff, *Interpreter II* 7/15/1999
2001 AA SALT LAKE COMMUNITY COLLEGE
2003 BA UNIVERSITY OF UTAH
2003 CERTIFICATION UTAH INTERPRETER PROGRAM
Disability Resource Center

Rebecca Ruffell, *Technician III* 9/11/2000
2002 AS SALT LAKE COMMUNITY COLLEGE
Contact Center

Bunny Sabey, *Technician III* 4/9/2001
Parking Services

Marguerite Sadler, *Director II* 12/1/1983
1978 BA BRIGHAM YOUNG UNIVERSITY
2001 MEd UTAH STATE UNIVERSITY
Concurrent Enrollment

Helen Saeed, *Specialist II* 02/01/2007
Human Resources

Wayne Sagendorf, *Heat Plant Operator* 1/6/1997
Facilities Heat Plant Redwood

Margo Salazar, *Advisor II* 1/11/1988
Skills Center

Luis Salgado-Navarro, *Custodian I* 6/1/1991
Facilities Services

Jerry Sanchez, *Chef* 04/17/2006
Food Services Miller

Rachel Sanchez, *Specialist II* 9/9/1988
Assessment & Testing

Carol Sandoval, *Director* 8/15/75
1984 BA WESTMINSTER COLLEGE
Off Site Student Services

Jerrie Schaerrer, *Administrative Assistant II* 1/17/1989
Library Services

Sharon Schmalz, *Coordinator II* 10/1/1987
Chemistry

Janice Schmidt, *Administrative Assistant III* 9/7/1993
1971 BS UTAH STATE UNIVERSITY
Office of the President

Jeffrey Schneider, *Advisor II* 12/9/1991
Skills Center

Charles Reed Schoonover, *Programmer Analyst II* 1/11/1991
1991 AAS SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Randy Schouten, *Director III* 1/26/2004
1968 BS BRIGHAM YOUNG UNIVERSITY
1969 MS UNIVERSITY OF UTAH
Regional Small Business Development Center

Ken Scott, *Programmer Analyst II* 9/1/2005
2003 AAS SALT LAKE COMMUNITY COLLEGE
1990 BS BRIGHAM YOUNG UNIVERSITY
Office of Information Technology

Colleen Seabury, *Accountant III* 8/1/1992
1991 AAS SALT LAKE COMMUNITY COLLEGE
Cashier Services

Jacob Seamons, *Advisor II* 7/1/2003
2002 BA UTAH STATE UNIVERSITY
2003 MAEd UTAH STATE UNIVERSITY
Disability Resource Center

Asima Sejmen, *Custodian I* 1/2/2003
Facilities Services

Phyllis Martinez-Seyler, *Specialist IV* 2/16/1991
Student Employment

Debora Sharp, *Supervisor V* 11/10/1986
Student Loans & Receivables

Kathy Shipley, *Manager I* 12/1/1990
Facilities Services

Donna Shipp, *Technician II* 1/4/1988
Skills Center

Kurt Shirkey, *Coordinator III* 8/16/2002
1991 BA UNIVERSITY OF MISSOURI
1995 MA TEXAS TECH UNIVERSITY
Learning Resources

Mike Simnitt, *Lab Coordinator III* 7/9/1998
1999 AS SALT LAKE COMMUNITY COLLEGE
Office of Information Technology

Gilbert Sisneros, *Lead II* 7/23/1998
Facilities Services

Keith Slade, *Head Librarian* 8/18/1994
1983 BA BRIGHAM YOUNG UNIVERSITY
1992 MA BRIGHAM YOUNG UNIVERSITY
Library Services

Brittney Smith, *Technician II* 7/16/2002
Student Loans & Receivables

Carol Smith, *Technician II* 5/6/1991
Purchasing Services

David Alexander Smith, *Licensed Clinical Social Worker* 10/01/2004
2003 MS UNIVERSITY OF UTAH
2007 LICENSE - STATE OF UTAH
Health and Wellness Services

Dave L. Smith, *Network Administrator II* 5/12/1986
Office of Information Technology

Deborah Smith, *Specialist II* 9/1/1985
1994 AAS SALT LAKE COMMUNITY COLLEGE
1995 AS SALT LAKE COMMUNITY COLLEGE
Property Control

Eileen Smith, *Supervisor IV* 11/10/1986
Cashier Services

Joan Smith, *Coordinator III* 8/29/1988
Sandy Center

Julie Smith, *Coordinator V* 6/2/2001
1999 AS SALT LAKE COMMUNITY COLLEGE
2005 CERTIFICATE OF INTERPRETATION
REGISTRY OF INTERPRETERS FOR THE DEAF
2001 INTERMEDIATE CERTIFICATION
UTAH INTERPRETER PROGRAM
Disability Resource Center

Pei-fang Smith, *Accounting Tech II* 8/16/1996
Cashier Services

Samuel Smith, *Media Electronic Specialist* 3/1/1994
Instructional Media

Sharlee Smith, Specialist IV 5/1/1983
1983 CERT SALT LAKE COMMUNITY COLLEGE
1986 AAS SALT LAKE COMMUNITY COLLEGE
Institutional Marketing

Marcia Somsen, Manager 9/1/1981
Office of Information Technology

Sithideth Sopraseuth, Warehouse Worker 10/01/2002
Distribution

Cheryl Sorensen, Technician II 3/8//75
1969 BS BRIGHAM YOUNG UNIVERSITY
Auxiliary Services

Linda Sorich, Coordinator II
3/1/1978
1965 LPN UTAH TECHNICAL COLLEGE
Nursing Program

Paul Sorich, Supervisor III 12/17/2001
Receiving & Distribution

Rod Southworth, Custodian III 7/1/1996
Facilities Services

William Speer, Lab Coordinator II 8/28/2002
1991 AAS PATRICK HENRY COMMUNITY COLLEGE
1994 BS VIRGINIA POLYTECHNIC INSTITUTE AND
STATE UNIVERSITY
1997 MS VIRGINIA POLYTECHNIC INSTITUTE AND
STATE UNIVERSITY
Biology Program

Linnie Spor, Secretary III 4/8/2002
Thayne Center for Service & Learning

Kevin Springer, Specialist IV 2/10/1992
Skills Center

Kathleen Staker, Lab Coordinator II 8/24/1998
1973 BS BRIGHAM YOUNG UNIVERSITY
1987 MS UNIVERSITY OF MARYLAND
2000 CERTIFICATION UNIVERSITY OF PHOENIX
Biology Program

Jeffrey Staples, Desktop Support Tech I 03/06/2006
Office of Information Technology

Arnette Starks, Secretary I 9/1/1991
Institutional Marketing

Betty Starks, Administrative Assistant II 4/1/2003
1973 BS BRIGHAM YOUNG UNIVERSITY
General & International Education

Cindy Starley, Technician II 7/25/2001
Student Loans & Receivables

Norman Butch Steffen, Specialist IV 10/29/1990
1978 BA UNIVERSITY OF UTAH
Skills Center

Melissa Stephan, Technician I 5/5/1997
1999 AS SALT LAKE COMMUNITY COLLEGE
2002 BS UNIVERSITY OF UTAH
Financial Aid

Lee Ellen Stevens, Specialist II 8/26/1994
Disability Resource Center

Robert Stevens, Director II 11/11/2003
Corporate Training

Alice Stitzer, Technician III 11/1/1984
Parking Services

Gordon Storrs, Coordinator VII 6/8/1990
Facilities Office - Master Plan

Roger Strate, Coordinator III 4/1/2005
1991 BS WEBER STATE UNIVERSITY
2006 MBA UNIVERSITY OF PHOENIX
Facilities Office

Elisha Suazo, Administrative Assistant I 3/29/1999
2004 AS SALT LAKE COMMUNITY COLLEGE
Continuing Education

Debra Summers, Analyst I 9/1/1984
1986 AAS SALT LAKE COMMUNITY COLLEGE
1992 AS SALT LAKE COMMUNITY COLLEGE
1994 BS UTAH STATE UNIVERSITY
Institutional Research

Sandra Tabor, Custodian I 10/3/2000
Facilities Services

Diane Tafaoialii, Lead Cook 8/16/1996
Food Services

Gordon Tallis, Custodian II 6/18/1985
Facilities Services

Spencer Tan, Chef 8/28/1995
Food Services

Edward L. Tanner, Advisor II 12/1/1991
Academic Advising

Malcolm Tasker, Supervisor V 3/1/1990
2006 AS SALT LAKE COMMUNITY COLLEGE
2006 AAS SALT LAKE COMMUNITY COLLEGE
2007 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Auxiliary Services

David Tattersall, Carpenter 6/1/1999
Facilities Carpenters

Walter Taylor, Control Technician 9/17/1981
Facilities Control Tech Jordan

Randall Tesch, Network Administrator II 1/1/1998
Office of Information Technology

Arlund Thaxton, Carpenter 9/4/2001
Facilities Services

C. Douglas Thom, Specialist IV 9/1/1988
1975 BA MORNINGSIDE COLLEGE
2000 M.A.M UNIVERSITY OF PHOENIX
Student Employment & Cooperative Education

Rochelle Thomas, Specialist 6/16/1999
Off Site Student Services

Sharlene Thomas, Administrative Assistant I 7/1/1974
1986 AAS SALT LAKE COMMUNITY COLLEGE
Cooperative Education

Kathy Thompson, Admin Asst. II 2/26/1988
1988 CERTIFICATE SALT LAKE COMMUNITY COLLEGE
Student Services

Mary Jane Thompson, Administrative Asst. II 10/11/1999
Student Services

Joy Tlou, Director I 5/1/1994
1986 BA LUTHER COLLEGE
Public Relations

Raquel Torres, Technician I, Bookstore 9/15/1992
College Bookstore

Monique Torres-Reymus, Advisor I 1/2/2003
2001 BS UTAH STATE UNIVERSITY
ETS College Bound

FULL-TIME STAFF CREDENTIALS

Michael Toy, *Assistant Librarian II* 1/16/1999
1997 BA UNIVERSITY OF UTAH
1989 BS UNIVERSITY OF UTAH
1993 BMus. UNIVERSITY OF UTAH
1994 MLS INDIANA UNIVERSITY
Library Services

Jason Tracy, *IT Security Analyst* 12/10/2001
Office of Information Technology

Truc Tran, *Manager III* 11/1/1984
2002 BS WEBER STATE UNIVERSITY
Library Services

Nancy Traugott, *Office Clerk II* 1/1/1992
Sandy Center

Donald Trowbridge, *Telecommunications Tech I* 1/17/2006
Office of Information Technology

Dan Trujillo, *Manager II* 9/28/1992
1995 BS university of utah
1997 MBA university of utah
Program Development

Sadie Tsosie, *Advisor II* 5/1/2005
Academic Advising

Lisa Tsujimoto, *Secretary III* 03/22/2004
1998 AS SALT LAKE COMMUNITY COLLEGE
Multicultural Center

Eric Tucker, *Help Desk Technician I* 12/3/2001
Office of Information Technology

Leslie Tufts, *Administrative Assistant II* 9/14/1994
Business Office

Shirley Turley, *Office Clerk II* 9/3/2003
Learning Center

John Turner, *Custodian I* 1/3/2001
Facilities Services

Maryanne Tye, *Coordinator IV* 1/2/1996
Distance Education

Garth Udy, *Heat Plant Operator* 8/25/2003
Facilities Heat Plant SCC

Jose Uribe, *Custodian II* 9/1/2002
Facilities Services

Joyce Valdez, *Marketing Coordinator IV* 10/1/1990
Skills Center

Mikey Vance, *Custodian III* 10/18/2000
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1966 BA UNIVERSITY OF UTAH
1967 MS UNIVERSITY OF ILLINOIS
Library Services

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Facilities Services

Ahmad Varedi, *Supervisor V* 7/16/1993
1982 BA UNIVERSITY OF WASHINGTON
1985 MA UNIVERSITY OF WASHINGTON
1993 Ph.D UNIVERSITY OF UTAH
Auxiliary Services

Robert Velasquez, *Director I* 9/1/1988
1995 MPC WESTMINSTER COLLEGE
1989 BA UNIVERSITY OF UTAH
Scheduling Office

David Viveiros, *Director I Sports and Info.* 09/16/2006
2002 BS UTAH VALLEY STATE COLLEGE
Athletics

Phuong Vu, *Specialist II* 12/16/2003
1998 BS UNIVERSITY OF UTAH
Thayne Center for Service & Learning

Diane Waldron, *Secretary III* 11/9/1994
1969 BS UNIVERSITY OF UTAH
Concurrent Enrollment

Andrea Walker, *Custodian I* 2/24/2004
Facilities Services

Troy Walker, *Technician II* 9/1/1991
1990 AS SALT LAKE COMMUNITY COLLEGE
2004 PDS FEMA
Copy Center

K. Michelle Walton, *Specialist V* 7/1/1986
1989 AAS SALT LAKE COMMUNITY COLLEGE
Financial Aid

Alan Wanner, *Painter* 6/19/1991
Facilities Services

Betsy Ward, *Director II* 7/1/2001
1991 BA UTAH STATE UNIVERSITY
1994 MA UTAH STATE UNIVERSITY
Thayne Center for Service & Learning

Kevin Ward, *Courier* 10/19/1998
Mail Room

Jennifer Warnas, *Director II* 9/16/1997
Student Life & Leadership

Kay Waters, *Manager III* 5/1/1982
1966 BS UNIVERSITY OF UTAH
Human Resources

Pamela Watson, *Specialist I Architectural* 03/18/2004
2005 AAS SALT LAKE COMMUNITY COLLEGE
Facilities Architects

Judith Weaver, *Technician I* 10/9/1995
Enrollment Services

Johanna Webb, *Advisor I* 1/3/2005
2001 BS BRIGHAM YOUNG UNIVERSITY
Academic Advising

Rand Webb, *Manager III* 5/15/1995
1975 BS BRIGHAM YOUNG UNIVERSITY
1986 MPH LOMA LINDA UNIVERSITY
Environmental Health and Safety

Reed Weierman, *Network Admin II* 11/16/2006
2006 BA WEBER STATE UNIVERSITY
2006 CERTIFICATION CISCO SYSTEMS, INC
Office of Information Technology

Adam Weiss, *Specialist II* 10/15/2001
2003 AAS
Assessment & Testing

H. Kelly Weldon, *Manager I* 7/1/1972
TV Technical Operations

Quentin Wells, *Director I* 12/16/1991
1965 BA UNIVERSITY OF UTAH
Program Innovation

Donna Western-Kruger, *Specialist II* 12/4/1997
Career & Technical Education

Gay H. Whetman, *Administrative Assistant III* 9/1/1981
1994 AS SALT LAKE COMMUNITY COLLEGE
Office of the Vice President of Academic Affairs

Jack John White, *Desktop Support Manager*
7/22/1991
1979 AA UNIVERSITY OF DELAWARE
1983 AS DELAWARE TECHNICAL &
COMMUNITY COLLEGE
1988 BS WEBER STATE
Office of Information Technology

Michael C. White, *Director* 09/15/2004
1982 BS PAINE COLLEGE
1993 MA INDIANA UNIVERSITY OF PENNSYLVANIA
2005 EdD NORTHERN ARIZONA UNIVERSITY
Orientation

Robert Matt White, *Desktop Support Tech II* 3/24/1997
Office of Information Technology

Susan White, *Specialist IV* 11/16/1995
1984 BS UNIVERSITY OF UTAH
1996 MBA UNIVERSITY OF PHOENIX
2001 CIW CERTIFICATION BOARD
College Bookstore

John Wiemer, *Advisor II* 8/1/1976
Academic Advising

Lois Wieseemann, *Purchasing Agent* 5/16/2002
1974 BS UTAH STATE UNIVERSITY
1990 CPM INSTITUTE FOR SUPPLY MANAGEMENT
Purchasing Services

Justin Wiker, *Groundskeeper* 7/2/2002
Facilities Services

Martha Wilding, *Buyer* 2/25/1988
1993 AS SALT LAKE COMMUNITY COLLEGE
Purchasing Services

James Wilkinson, *Network Administrator III* 2/1/2005
Office of Information Technology

Danny Williams, *Lead, Parking Enforcer* 6/25/2001
Parking Services

Lashawn Williams, *Coordinator IV* 8/9/2005
2001 BA DUKE UNIVERSITY
2005 MSW MARYWOOD UNIVERSITY
2006 MPA MARYWOOD UNIVERSITY
Student Life and Leadership

Laurie Williams, *Custodian I* 1/17/2001
Facilities Services

Maurene Williams, *Coordinator III* 1/1/1982
Institutional Research

Patti Williams, *Benefits Manager IV* 12/3/1990
Human Resources

Renee Williams, *Technician II, Food Services* 12/16/2000
Food Services

Harvey Wilson, *Coordinator II* 1/13/1993
Engineering

Susan Windley, *Clerk IV* 1/4/1995
1997 AAS SALT LAKE COMMUNITY COLLEGE
Payroll

Patricia Wolff, *Technician II* 9/1/1994
Student Loans & Receivables

Darrell Wood, *Manager, Academic Computing* 1/22/1992
Office of Information Technology

Cleon Woodbury, *Electrician* 08/01/2006
Facilities Electricians

Lea Woodcox, *Office Clerk I* 12/2/2002
2001 CERTIFICATE OFFICE MANAGEMENT
SALT LAKE COMMUNITY COLLEGE
2002 CERTIFICATE SECRETARIAL SKILLS
SALT LAKE COMMUNITY COLLEGE
Enrollment Services

Camille Woodland, *Coordinator IV* 6/16/2005
2001 BA BRIGHAM YOUNG UNIVERSITY
2003 MPA SYRACUSE UNIVERSITY
Institutional Research

Bradley K. Woodward, *Assistant Manager* 5/1/2005
Food Services

Amy Wright, *Technician IV* 08/20/2003
Library Services SCC

Ze Min Xiao, *Advisor II* 04/01/2006
2000 BA UNIVERSITY OF UTAH
Academic Advising

Steve Yates, *Lab Coordinator III* 9/22/1997
Office of Information Technology

Christine Young, *Administrative Assistant* 2/16/06
Humanities Office

Randy Young, *Heat Plant Operator* 11/16/1989
Facilities Heat Plant Redwood

Randal Zimmerman, *Manager II* 12/5/2005
1983 BS University of Utah
2003 MBA University of Phoenix
Copy Center

Melanie Zirbel, *Advisor II* 10/1/2003
1994 BA UNIVERSITY OF TEXAS-EL PASO
1997 MA UNIVERSITY OF TEXAS-EL PASO
Academic Advising

Zach Zitterkopf, *Programmer Analyst II* 1/15/1996
Office of Information Technology

Bill Zoumadakis, *Director of Admin Computing*
1982 AAS SALT LAKE COMMUNITY COLLEGE
1991 AS SALT LAKE COMMUNITY COLLEGE
1993 BS UTAH STATE UNIVERSITY
Office of Information Technology 5/10/1983

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SLCC LOCATIONS

Airport Center
551 North 2200 West
Salt Lake City, Utah 84116
(801) 957-4448

Community Writing Center (CWC)
In Library Square
210 East 400 South
Salt Lake City, Utah 84111
(801) 957-4992

Distance Education
www.slcc.edu/distance
(801) 957-4406

Draper Center
12441 South 900 East
Draper, Utah 84020
(801) 957-5075

Granite Technical Institute (GTI)
(high school students/concurrent enrollment)
2500 South State Street
Salt Lake City, Utah 84106
(801) 646-4350

Jordan Campus
3491 West Wrights Fort Road
West Jordan, Utah 84088-8818
(801) 957-2600

Jordan Applied Technology Centers (JATC)
(high school students/concurrent enrollment)
9301 S. Wrights Fort Road, West Jordan, Utah 84088
(801) 256-5900
825 E. 9085 South, Sandy, Utah 84094
(801) 256-5700

Library Square Center
231 East 400 South
Salt Lake City, Utah 84111
(801) 957-2000

Meadowbrook Campus
250 West 3900 South
Salt Lake City, Utah 84107
(801) 957-4346

Miller Campus
9750 South 300 West
Sandy, Utah 84070
(801) 957-5200

Redwood Road Campus
4600 South Redwood Road
Salt Lake City, Utah 84123
P.O. Box 30808
Salt Lake City, Utah 84130-0808
(801) 957-4111

Sandy Center
830 East 9400 South
Sandy, Utah 84094
(801) 957-3717

South City Campus
1575 South State Street
Salt Lake City, Utah 84115
(801) 957-4111

Tooele Centers
66 West Vine Street
1021 West Vine Street
Tooele, Utah 84047
(435) 843-4350

Utah State Prison Satellite
14000 South Frontage Road
Draper, Utah 84020

