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General Catalogs and Class Schedules

**Student Experience** 

1966

#### **General College Catalog 1965-1966**

Salt Lake Trade Technical Institute

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## SALT LAKE TRADE TECHNICAL INSTITUTE



CATALOG 1965-66



#### SALT LAKE TRADE TECHNICAL INSTITUTE

ANNUAL CATALOG

1965-66



YOUR COLLEGE FOR SKILLED CRAFTSMEN

A state supported trade technical school operated under the direction of the Utah State Board for Vocational Education.

431 South Sixth East

Salt Lake City, Utah

Phone 328-8521

#### TABLE OF CONTENTS

#### GENERAL INFORMATION

|   | GENERAL INFORMATION   |   |
|---|---|---|
| School Staff  | Readmissions  | Referral Agencies         7           Veterans         8           Scholarships         8 |
|   | CAMPUS INFORMATION  |   |
| Puture Campus         10           Bus Routes         11           Counseling Service         12           Placement         12           Part-Time Employment         12           Student Projects         12   | Housing   12   Library, Visual Aids   13   Bookstore   13   Cafeteria   13   Visitors   13   Parking   13   Smoking   13  | Sports  |
|   | DAY SCHOOL  |   |
| Casendar       16         Day School Instructors       17         Tuitton and Fees       18         Special Fees, Exceptions       18         Refunds       18         Books, Tools, Supplies       18         Transfers       19         Grades and Reports       19         High School Credit       19         Cerificate       19         Attendance       20 | Withdrawals         20           Records         20           Related Instruction         20           Auto Body Repair         22           Auto Paintins         23           Auto Mechanics         24           Barbering         25           Building Technology         26           Business Practice         27           Commercial Art         28           Cosmetology         29 | Diesel Mechanics   30   |
| EVEN  | IING SCHOOL INFORMA   | TION  |
| Calendar     42       Evening Tuition, Fees     42       Non-resident Fees     43       Late Pee     43       Refunds     43       Minimum Enrollment     43       Riisibility     43       Grades and Reports     43       Evening School  | Machine Shop         48           Paintins and Decorating         48           Pipe Fitting, Refriseration         48           Plumbing         48           Sheet Metal         48           Tilesetting         48           Welding         49           Other Classes         49   | Metal Layout for Pabricators  |
| Instructors   | Occupational Extension Courses Auto Mechanics 49 Blueprint Reading 49 Business Practice 50 Carpentry, Cabinetmaking 50 Commercial Art 50 Drafting—Architectural 50 Drafting—Mechanical 50 Electricity—Basic 50 Electricity—Basic 50 Machine Shop 51 Mathematics—Electronics, Electricity 51 Mathematics—Industrial 51   | Supervisory Training Problems of Handling People  |

School Staff

Types of Training

**Enrollment Procedure** 

Readmissions

School Hours

Veterans

# GENERAL INFORMATION

Class Advisory Committees

Referral Agencies

Scholarships



ENROLLMENT APPLICATION ON BACK PAGE



JAY L. NELSON President

#### SCHOOL STAFF

Jay L. Nelson President

Lloyd V. Tilt Day School Supervisor

Richard Hansen Evening School Supervisor

A. Clair Thomson Planning Director

Garth Eldredge Dean of Students

Grant H. Tuckett Training Coordinator

Burton A. Talmage Treasurer

Joseph S. Johnson Superintendent of Buildings and Grounds

#### UTAH STATE BOARD FOR VOCATIONAL EDUCATION

LeGrand P. Backman, Salt Lake City, chairman — Sheldon S. Allred, Price, vice-chairman — Mrs. H. Ceeil Baker, Logan — Dr. Sanford M. Bingham, Provo — Dr. Edna Snow Cannon, Circleville — Lynn S. Richards, Salt Lake City — N. Russell Tanner, Ogden — L. Leon Jennings, St. George — Mrs. Helen Ure, Salt Lake City.

#### ADVISORY COMMITTEE

Waldo M. Andersen — Marlon S. Bateman — M. Lynn Bennion — Mrs. John T. Brewster — M. Elmer Christensen — William J. Diaz — A. B. Drage — Horace J. Gunn — Robert Halladay — Earl Halverson — Curtis P. Harding — E. J. Hartvigsen — Thomas J. Hubbard — Bruce S. Jenkins — Beverly D. Kumpfer — Orson I. Jacobson — John Maragakis — Lorin D. McGregor — C. B. Morgan — Frank V. Nelson — Mark Nichols — Dale Peterson — Von H. Robertson — Richard G. Sailer — Glenn A. Sarbo — Franklin D. Sawyer — Albert Thompson — Hugh M. Thompson — David R. Trevithick — Mrs. Hulda P. Young.

#### TYPES OF TRAINING

Salt Lake Trade Technical Institute's objective is the training of persons to qualify them for new or advanced opportunities in industry.

Six major types of programs are offered, providing training designed to meet the needs of particular groups of individuals.

DAY SCHOOL OCCUPATIONAL PREPARATORY: These fulltime training programs are designed for those individuals seeking to gain the skill and technical knowledge needed to enter an occupation and to progress speedily and effectively to the fully-trained or journeyman level. The courses in Day School are conducted at least 30 hours each week. Of this time, the student is required to attend technology and related training classes for a portion of the day, while the remainder of the school day is spent in the shop or laboratory using the tools of the trade and developing necessary skills.

EVENING OCCUPATIONAL PREPARATORY: These part-time training programs also are designed to teach the skills and technical knowledge needed to obtain employment in a skilled occupation. The courses are offered for those persons who are unable to enroll in the full-time Day School program because of financial, family or other responsibilities. The courses are also designed to teach new skills to those workers now employed but who face loss of jobs in the future because of automation or technical progress. Classes are held Monday through Thursday for an average of 16-20 hours weekly. Some of the classes also operate on Saturday.

APPRENTICE RELATED TRAINING: For the worker who is learning his trade through an apprenticeship program or some other type of on-the-job training, the school provides related training programs. The apprentice learns to master manual skills at his place of employment. Therefore, training classes for apprentices are restricted to technical information offered in a classroom. Occasionally, a related training course will include shop work. These courses are offered only in the Evening School.

OCCUPATIONAL EXTENSION: These programs aid the worker who has reached the fully trained or journeyman level to keep abreast of new developments in his field and to prepare himself for advancement. These programs include related technical information and shop practice. Occupational extension training is offered in the Evening School.

SUPERVISORY TRAINING: These special courses are designed to assist foremen, supervisors and executives and those preparing for such positions to become familiar with new techniques, developments and improved methods in dealing with the complex problems of business and industrial supervision and management. These programs are offered only in the Evening School,

MANPOWER TRAINING PROGRAM: A federal program to provide certain groups with new skills and job retraining is operated at Trade Tech. Persons who may qualify for this program include workers who have lost their jobs because of automation, unemployed youth 16 to 22 whether they have worked before or not, farm workers with less than \$1,200 annual family income, and some part-time workers who cannot obtain full-time jobs without retraining. These special training programs, authorized by the Clark-Holland Bill in Congress, provide free tuition for all those who qualify. Additional benefits which may be obtained include cash allowances for heads of families who have held jobs for at least three years and for youth 19 to 22 even without previous employment. Some persons also may qualify for living and travel expenses. Applicants should contact their local State Employment Security office.

#### ADMISSION PROCEDURE

Enrollment in Trade Tech occupational preparatory classes is open to applicants 16 years of age or older, except for barbering students, who must be 17, and practical nursing students, who must be between the ages of 17 and 55.

All applicants for enrollment in these classes should:

- Complete the application for admission form, which can be obtained at the school or mailed to the applicant on request. (See convenient letter at the back of this catalog.)
- Provide the Dean of Students with a transcript of high school and post-high school credits, which are easily obtained at the school previously attended.
- 3. Take the series of aptitude tests, which are given at Trade Tech. These tests require about four hours of the prospective student's time. The results of this testing provide guidelines for school counselors in realistic occupational planning for students. These tests are required of all students. Dates on which tests will be offered at Trade Tech are:

May 10, 1965, 5:45 p.m.

May 22, 8:30 a.m.

June 2, 8:30 a.m. (For prospective Practical Nursing students only.)

June 15, 8:30 a.m.

June 24, 8:30 a.m.

June 29, 8:30 a.m. (Pr. Nrsg)

July 22, 8:30 a.m. (Pr. Nrsg)

July 27, 8:30 a.m.

August 5, 8:30 a.m.

August 10, 8:30 a.m.

August 10, 8:30 a.m.

August 19, 8:30 a.m.

August 24, 8:30 a.m.

All applications and transcripts of credits should be submitted to the Dean of Students' office at least one month before registration to assure enrollment. Applicants are notified by the school of their acceptance.

Persons of high school age must receive permission to attend Trade Tech from their local district Board of Education office. High school counselors are familiar with Trade Tech registration procedures.

Referral agencies must submit written authorization covering tuition, fees, etc. before applicants planning to attend Trade Tech under agency sponsorship can be admitted. The school cannot hold a place in a class for such students until written authorization is received by the school.

#### READMISSIONS

Former Trade Tech students returning to school after official withdrawal are requested to clear with the Dean of Students' office before admittance to class.

#### SCHOOL HOURS

DAY SCHOOL classes operate between 7 a.m. and 6:30 p.m., five days per week. Day classes normally require a total of thirty clock hours of instruction. A morning break period and a lunch period are included in the school day. Exceptions to this schedule are as follows:

Double session and special classes will be scheduled.

Barbering and Cosmetology classes will operate from 8:30 a.m. to 5:00 p.m. for a total of forty clock hours.

Practical Nursing students are required to attend eight hours per day during the hospital training phase of the program.

EVENING OCCUPATIONAL PREPARATORY classes are held Monday through Thursday from 6 p.m. to 10 p.m., except for the barbering class, which is held from 4-10 p.m. Monday through Thursday, and Saturday from 8:30 a.m. to 5 p.m.

EVENING SCHOOL classes are held four nights a week from 7:00 p.m. to 10:00 p.m.

#### CLASS ADVISORY COMMITTEES

Advisory Committees, composed of leaders in industry and business, regularly review each course taught at Trade Tech. This insures that courses offer up-to-date technological information and training that supplies all the needs and skills of the various trades.

Joint Apprenticeship Committees, composed of representatives from both labor and management, meet regularly with school officials to evaluate and review training programs offered to trade apprentices, keeping them constantly abreast of modern developments and techniques.

#### REFERRAL AGENCIES

Students referred to Trade Tech by the State Department of Vocational Rehabilitation, County Departments of Public Welfare or other agencies, must have written authorization and an Agency Reference Form, which is available at the school. Books, tools, equipment and training materials supplied by the school bookstore do not become the property of these students until training is satisfactorily completed. Students withdrawing before completion must return these items to the appropriate agency. Transfers in training programs must be approved by the student's agency counselor,

#### VETERANS

Trade Tech is approved by the Veterans Administration to train veterans under the various public laws that offer benefits to those who have served with the military forces of the United States. Children of servicemen killed while on active duty may also be eligible for these training benefits.

Surviving children of veterans interested in training should inquire at their local office of the Veterans Administration or write to: Veterans Administration, Denver Federal Center, Denver, Colorado 80225.

#### SCHOLARSHIPS

A liberal number of tuition scholarships are available to prospective Trade Tech students. The Dean of Students administers this program. Providing these scholarships are the State of Utah, industry, a trade group, local hospitals and a service organization. The agencies making these grants are:

STATE BOARD FOR VOCATIONAL EDUCATION — Several scholarships from this source are made available every year for high school graduates interested in any of the occupational preparatory classes. They cover tuition and fees, except Student Union Building, Activity and Insurance Fees, for three quarters. They are awarded on the recommendation of the principal, counselor or teachers. Scholarship recipients must have had some training in either industrial arts, home economics or business, must be capable of learning a skilled trade, and must have a scholarship average of at least "C."

KENNECOTT COPPER CORP. — Ten scholarships from this company are given to Trade Tech students each year, with preference to students in the diesel mechanics, welding, electronics, auto mechanics, building technology, electricity and machine shop classes.

HOSPITALS – Several local hospitals make scholarships available to Practical Nursing students who qualify for them.

ALPHA PSI DELTA PHILANTHROPY - This group makes a scholarship available to a deserving student each year.

AMERICAN WELDING SOCIETY — This group gives one welding scholarship each year.

ALGOT E. ANDERSON MEMORIAL SCHOLARSHIP — This grant is made available every year to a student in memory of Algot E. Anderson, who served until his death, March 3, 1965, as supervisor of related training, faculty advisor to the student government, and a friend to all those associated with Trade Tech.

**Future Campus** 

Counseling

Library

Cafeteria

**Parking** 

**Bookstore** 

**Sports** 

Student Government

**Alumni Association** 

Part-Time Employment

AT

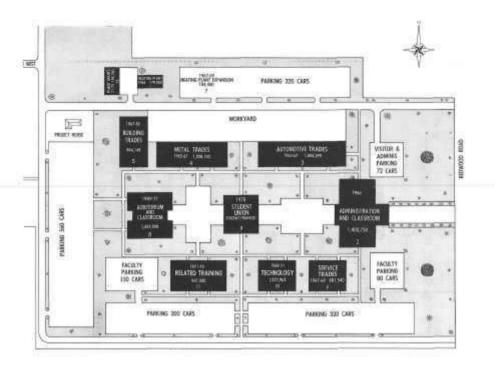
### TRADE



CAMPUS INFORMATION

TECH

#### Future Campus for Salt Lake Trade Technical Institute

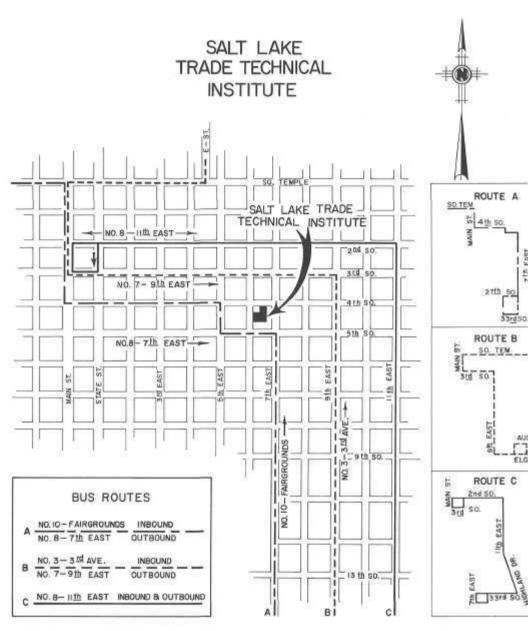


#### **Looking Forward**

A modern, 78-acre campus is now being erected for Salt Lake Trade Technical Institute on a tract located at 4600 S. Redwood Road — which will be near the center of population in Salt Lake Valley in a few years, according to studies of growth trends.

Trade Tech students should be training in some courses on the campus next year. The heating plant is completed, and construction of administration and classroom buildings should be completed soon. The buildings will rise as funds for this construction become available from the State of Utah.





Salt Lake Trade Technical Institute is located at Fourth South and Sixth East. Only a few blocks from downtown Salt Lake City, it is easily accessible.

Three major bus routes pass within two blocks of the campus, all shown on the accompanying illustration. Note that two of these buses change numbers and designations, depending on whether the bus is inbound or outbound from downtown. Some classes are held in a campus annex building located at 261 W. 5th South.

#### COUNSELING SERVICE

Trade Tech can help its students most when they are engaged in an occupational program that is in harmony with natural ability and which will offer favorable opportunities for success. Under the direction of the Dean of Students, a counseling service is provided to assist students in selecting suitable occupational courses and in solving personal problems that may have a bearing on their school work. The counseling service administers aptitude tests to prospective students. In addition to aptitude testing, the counseling service offers interest and personality testing to assist students with personal problems. All students are invited to avail themselves of this service at any time throughout their training. Paul W. Brown assists the Dean of Students.

#### PLACEMENT

The Director of Placement at Trade Tech assists students in locating part-time jobs while they are attending school. He also aids graduates who are seeking work opportunities. The school maintains friendly and cooperative relations with labor, management and the employment offices in this area. In cooperation with these agencies, the school gives its graduates all possible assistance in securing jobs. Charles W. Hansen is placement director.

#### PART-TIME EMPLOYMENT

A cosmopolitan city the size of Salt Lake offers a large variety of parttime employment. Students who need part-time work to help defray the cost of attending school will have considerable opportunity to find such employment. However, employment must not interfere in any way with school hours and school work.

#### STUDENT PROJECTS

All work projects must be approved by the instructor before they are started. It is expected that projects undertaken by the student be related to the course of instruction and practical from the standpoint of training needs.

Students are not permitted to remove completed projects from the school until all financial obligations to the school have been paid.

#### HOUSING

It is recommended that students moving to Salt Lake City to attend school make advance arrangements for housing.

The school will do all possible to assist in the locating of housing, but cannot assume responsibility for securing such facilities. Contact the Dean of Students for assistance.

#### LIBRARY AND VISUAL AIDS

A library containing trade manuals, periodicals and reference materials is open to students and faculty members from 8:30 a.m. to 9 p.m. Books in the library are principally technical volumes related to the areas of instruction offered at Trade Tech.

Students are encouraged to spend free periods using the library facilities. Included in the library facilities is an audio-visual aids section, which provides classes with films, film strips, recording devices and duplicating machines. A color film on the program and mission of Trade Tech, entitled "Future in Your Hands," is available on a loan basis to schools and other groups interested in learning more about the school.

#### BOOKSTORE

Trade Tech's bookstore sells any required books, tools and equipment items. Each occupational preparatory course has a list of books, tools and supplies which students are required to obtain.

#### CAFETERIA

The school's newly redesigned cafeteria provides service from 7 a.m. to 9 p.m. Many students have breakfast at the cafeteria, and full cafeteria service is provided during the lunch hours. During other hours the cafeteria remains open to provide snack-bar type service. Eating areas and facilities are provided for those who do not purchase lunches in the cafeteria. Vending machines that dispense various kinds of beverages, fresh fruits, pastries and candy are located throughout the campus.

#### VISITORS

Trade Tech is always anxious to have visitors see the trade and technical training that is being offered. However, all visitors are requested to apply at the information desk in the main building for a pass and a guide before visiting departments.

#### PARKING

An expansive, hard-surfaced parking lot north of the main building is provided for visitors and students. There is additional parking space south of the main building. It is requested that students use the parking lots to avoid congestion on streets. Some parking zones are reserved for visitors and business activities. Parking violations in these zones will result in citations and fines. It is expected that speed limits will be observed as posted and that student, faculty and staff automobiles parked on the campus will display the TRADE TECH decal.

#### **SMOKING**

For reasons of safety and to comply with state law, smoking is prohibited in shops and classrooms of the school. Smoking areas are designated and containers are provided to help in keeping the campus clean.

#### SPORTS

A student basketball team represents Trade Tech in the Salt Lake County Industrial League. Inter-class and individual competition in minor sports is also encouraged. Volleyball, basketball, badminton and ping pong equipment is available for students. Several bowling teams are sponsored by the studentbody.

#### INSIGNIA

Trade Tech inspires a strong school spirit, both on campus and off. This is shown by the number of school sweaters, jackets, insignia and car decals displayed by both students and faculty. Auto stickers are available free.

#### STUDENT GOVERNMENT

The students of Trade Tech operate a democratic school government through their own elected officers and student council. The studentbody government operates under an established constitution and by-laws. Activity committees are appointed by the officers. Policies of the student government are formulated by the officers and student council. Student activities include dances, assemblies, sports events, outings and safety programs throughout the year.

#### STUDENT NEWSPAPER

Students publish a newspaper that is printed by the school's printing class. The editorial staff is selected from the studentbody, and any interested person may apply for a post with the newspaper.

#### **AWARDS**

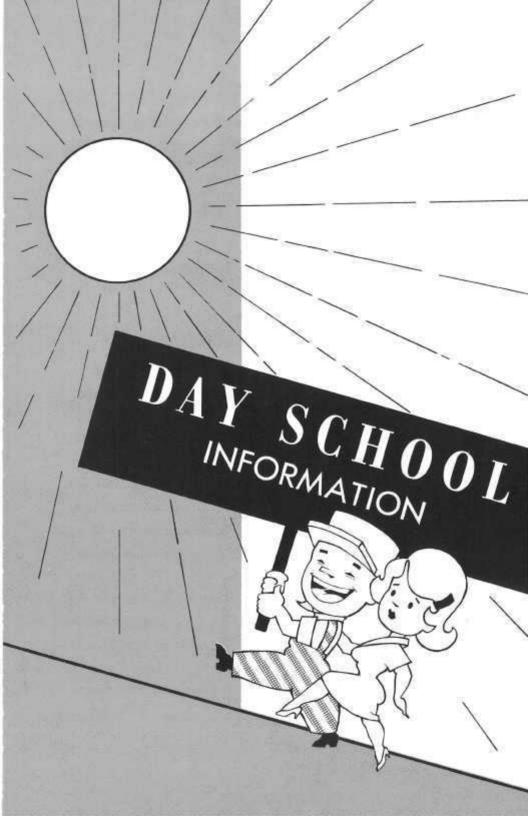
Near the end of every school year an awards assembly is held. During the assembly, members of the studentbody who have made significant contributions to student activities and who have distinguished themselves scholastically receive recognition for their achievements.

#### ALUMNI ASSOCIATION

An active Alumni Association is organized for former students of Trade Tech. Alumni activities are highlighted each year at the annual Alumni Day activities and Fellowship Dinner — held on or near February 22.

Alumni Association officers for the 1965-66 school year are Niel Teeples, Architectural Drafting, '63, president; Verdin Bodily, Business, '64, vice president; Carol Huber, Business, '64, secretary; Judy Jacobson, Business, '64, treasurer; and Melvin Johnson, Welding, '60, historian.

A newsletter, containing items of interest to all Trade Tech alumni, is sent to former students every year a few days before Alumni Day.



#### DAY SCHOOL

Classes taught in Trade Tech's day school are full-time occupational preparatory courses. They are designed for individuals seeking to gain the skill and technical knowledge needed to enter an occupation. Much of the student's class time is spent in shop and practical training aimed at developing basic job skills. The student also receives technology and related training for a portion of the day. Day classes operate between the hours of 7 a.m. and 6:30 p.m.

#### 1965-66 DAY SCHOOL CALENDAR

| June 1 - August 17            | 1965 Summer Quarter*          |
|-------------------------------|-------------------------------|
| July 5                        |                               |
| August 1 - September 7        | Registration                  |
| September 8 - December 21     | Autumn Quarter                |
| October 7-8                   | U.E.A. Institute              |
| October 22 - 25, Incl         | Harvest Holiday               |
| November 25 - 26              | Thanksgiving Holiday          |
| December 22 - January 2, Incl | Christmas Holiday             |
| January 3 - March 15          | Winter Quarter                |
| February 22                   | Washington's Birthday Holiday |
| March 17 - May 27             | Spring Quarter                |
| June 1 - August 17            | 1966 Summer Quarter           |

Barbering, Cosmetology and Practical Nursing will follow individual schedules not necessarily in conformance with the regular summer quarter schedule.

#### DAY SCHOOL INSTRUCTORS

| Baker, Joseph J. Electronic Technology Barker, Lloyd M. Electronic Technology Bartholomew, Earl R. Business Black, June A. Auto Mechanics Boulton, Franklin F. Department Head, Machine Shop Bown, J. Ralph Machine Shop Brunson, Ronald M. Machine Shop Brunson, Ronald M. Machine Shop Buchanan, Thayne G. Electronic Technology Burt, Wallace G. Electronic Technology Burt, Wallace G. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Edlison, Thomas Mechanical Drafting Gardner, Bryan B. Related Training Gardner, Bryan B. Related Training Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Horsley, DeAnn J. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Practical Nursing Roules, Round J. Practical Nursing Harsen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Practical Nursing Practical Nursing Practical Nursing Practical Nursing Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Practical Nursin | Baker, Joseph J.     | Electronic Technology                 |
|--|----------------------|---------------------------------------|
| Bartholomew, Earl R. Black, June A. Business Black, June A. Auto Mechanics Boulton, Franklin F. Department Head, Machine Shop Bown, J. Ralph Bringhurst, George S. Welding Brunson, Ronald M. Buchanan, Thayne G. Blectronic Technology Burt, Wallace G. Cameron, John E. Auto Mechanics Campbell, Jr., John W. Blectronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Burtsunder B. Business Edmonds, Horace B. Electronic Technology Burtsunder B. Business Edmonds, Horace B. Business Bus | Barker, Lloyd M.     | Electronic Technology                 |
| Black, June A. Auto Mechanics Boulton, Franklin F. Department Head, Machine Shop Bown, J. Ralph Machine Shop Brunson, Ronald M. Machine Shop Brunson, Ronald M. Machine Shop Buchanan, Thayne G. Electronic Technology Burt, Wallace G. Electronic Technology Burt, Wallace G. Electronic Technology Cameron, John E. Auto Mechanics Campbell, Jr., John W. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Dean, Ross Building Technology Dension, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Poulsen, Violet N. Practical Nursing Poulsen, Violet N. Practical Nursing Poulsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Poulsen, Larke M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Schults, C. Smithey Mechanics Drafting Schults, F. LeRoy Deiesel Mechanics              | Bartholomew, Earl R. | Business                              |
| Boulton, Franklin F. Department Head, Machine Shop Bown, J. Ralph Machine Shop Bringhurst, George S. Welding Brunson, Ronald M. Machine Shop Buchanan, Thavne G. Electronic Technology Buch, Wallace G. Electronic Technology Buch, Wallace G. Electronic Technology Cameron, John E. Auto Mechanics Campbell, Jr., John W. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Goulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Knuteson, Martin H. Brabering Howells, James M. Commercial Art Knuteson, Martin H. Brabering Howells, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Practical Nursing Practical Nursing Practical Nursing Roules, Violet N. Practical Nursing Practical Nursing Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Black, June A.       | Auto Mechanics                        |
| Bown, J. Ralph Bringhurst, George S. Brunson, Ronald M. Buchine Shop Brunson, Ronald M. Buchanan, Thayne G. Burt, Wallace G. Cameron, John E. Campbell, Jr., John W. Belectronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Graham, Raymond C. Diesel Mechanics Grover, Neal Gundersen, Paul R. Belated Training Hansen, Levern Horsley, DeAnn J. Howells, James M. Department Head, Practical Nursing Harsen, Jean K. Department Head, Practical Nursing Matthes, Howard R. D | Boulton, Franklin F. | Department Head, Machine Shop         |
| Bringhurst, George S. Welding Brunson, Ronald M. Machine Shop Buchanan, Thayne G. Electronic Technology Burt, Wallace G. Electricity Cameron, John E. Auto Mechanics Campbell, Jr., John W. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Praetical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Jensen, Evan E. Commercial Art Jensen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmercial Nursing Poulsen, Violet N. Practical Nursing Praetical Nursing Poulsen, Violet N. Practical Nursing Praetical Nursing Poulsen, Violet N. Practical Nursing Poulsen, Violet N. Practical Nursing Schnirel, James R. Architectural Drafting  | Bown, I. Ralph       | Machine Shop                          |
| Brunson, Ronald M. Machine Shop Buchanan, Thayne G. Electroit Technology Burt, Wallace C. Electricity Cameron, John E. Auto Mechanics Campbell, Jr., John W. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Jensen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Parrish, Martha Practical Nursing Partt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Shults, C. Smithey Mechanical Drafting S | Bringhurst George S  | Welding                               |
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| Burt, Wallace G.   | Buchanan Thayne G    | Electronic Technology                 |
| Campbell, Jr., John W. Electronic Technology Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Burt Wallace G.      | Flectricity                           |
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| Culligan, James J. Department Head, Electronic Technology Dean, Ross Building Technology Denison, Margie D. Practical Nursing Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Campbell Ir John W   | Electronic Technology                 |
| Dean, Ross Denison, Margie D. Densley, Mary Lou Business Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Gibson, B. Dale Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Heated Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Parrish, Martha Practical Nursing Practical Nursing Matthes, Howard K. Department Head, Practical Nursing Parrish, Martha Practical Nursing Practical Nursing Poulsen, Violet N. Practical Nursing Pr | Culligan James I     | Department Head Electronic Technology |
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| Edmonds, Horace B. Electronic Technology Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Denison Margie D     | Practical Nursing                     |
| Ellison, Thomas Mechanical Drafting Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing. Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Jensen, Evan E. Commercial Art Jensen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Stewart, Calvin B. Business Walters, F. LeRoy Diesel Mechanics   | Densley Mary Lou     | Pusings                               |
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| Foulks, Ruth E. Practical Nursing Gardner, Bryan B. Related Training Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Ellison Thomas       | Machanical Desilies                   |
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| Gibson, B. Dale Printing Graham, Raymond C. Diesel Mechanics Grover, Neal Auto Body Repair Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   |                      |                                       |
| Graham, Raymond C. Grover, Neal Gundersen, Paul R. Hansen, Dorthy H. Horsley, DeAnn J. Horsley, DeAnn J. Horsley, DeAnn E. Horsley, DeAnn E. Horsley, DeAnn E. Horsley, DeAnn E. Horsley, Dean E. Horsley, DeAnn E. Horsley, DeAnn J. Horsley, DePartical Nursing Hartley, DeAnnies, DeAnnies |                      |                                       |
| Grover, Neal Gundersen, Paul R. Hansen, Dorthy H. Hansen, Levern Horsley, DeAnn J. Howells, James M. Horsen, Jensen, J | Color Barrand C      | Thinning The American                 |
| Gundersen, Paul R. Related Training Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Practical Nursing Pract, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Granam, Raymond C    | Lifeset Mechanics                     |
| Hansen, Dorthy H. Practical Nursing Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Grover, Neal         | Auto Body Repair                      |
| Hansen, Levern Auto Body Repair Horsley, DeAnn J. Practical Nursing Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   |                      |                                       |
| Horsley, DeAnn J   | Hansen, Dorthy H.    | Practical Nursing                     |
| Howells, James M. Commercial Art Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   |                      |                                       |
| Jensen, Evan E. Commercial Art Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Horsley, DeAnn J.    | Practical Nursing                     |
| Knuteson, Martin H. Barbering Larsen, Jean K. Department Head, Practical Nursing Matthes, Howard K. Business Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Howells, James M     |                                       |
| Matthes, Howard K.  Olsen, LaRue B.  Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Schnirel, James R. Architectural Drafting Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Jensen, Evan E.      |                                       |
| Matthes, Howard K.  Olsen, LaRue B.  Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Schnirel, James R. Architectural Drafting Schnirel, James R. Architectural Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Knuteson, Martin H.  | Barbering                             |
| Olsen, LaRue B. Cosmetology Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Larsen, Jean K.      | Department Head, Practical Nursing    |
| Parrish, Martha Practical Nursing Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Matthes, Howard K.   | Business                              |
| Poulsen, Violet N. Practical Nursing Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  |                      |                                       |
| Pratt, Parker M. Auto Mechanics Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Parrish, Martha      | Practical Nursing                     |
| Roth, Lois K. Practical Nursing Salmond, John Lowell Related Training Schnirel, James R. Architectural Drafting Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Poulsen, Violet N    | Practical Nursing                     |
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| Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Roth, Lois K.        | Practical Nursing                     |
| Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Salmond, John Lowell | Related Training                      |
| Shults, C. Smithey Mechanical Drafting Smith, Justin M. Surveying Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Schnirel, James R.   | Architectural Drafting                |
| Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Shults, C. Smithey   |                                       |
| Sorenson, Dale W. Building Technology Spainhower, Orrin W. Auto Body Painting Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Smith, Justin M.     | Surveying                             |
| Spainhower, Orrin W.  Stewart, Calvin B.  Related Training Thatcher, George Vigen, Harriet B.  Business Walters, F. LeRoy  Diesel Mechanics  | Sorenson, Dale W.    | Building Technology                   |
| Stewart, Calvin B. Related Training Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Spainhower, Orrin W  | Auto Body Painting                    |
| Thatcher, George Electronic Technology Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics   | Stewart, Calvin B    |                                       |
| Vigen, Harriet B. Business Walters, F. LeRoy Diesel Mechanics  | Thatcher, George     | Electronic Technology                 |
| Walters, F. LeRoy Diesel Mechanics   | Vigen, Harriet B.    | Business                              |
| Wellard, Richard D   | Walters, F. LeRoy    | Diesel Mechanics                      |
|  | Wellard, Richard D   | Welding                               |

#### TUITION AND FEES

The cost of tuition and registration is \$42 per quarter, or \$126 for the entire school year. An additional fee of \$45 a quarter is added to the tuition of all students who are not legal residents of Utah. All fees may be paid at the time the student initially registers or at registration before each quarter. Any student whose check is dishonored by a bank will be charged a late fee and \$3 for handling. Other fees are outlined in the following paragraphs.

#### SPECIAL FEES AND EXCEPTIONS

HIGH SCHOOL STUDENTS: High school students who enroll at Trade Tech are required to pay \$8 per quarter for student fees. These fees are not refundable.

NON-RESIDENT FEE: A student who is not a legal resident of Utah is required to pay a non-resident fee of \$45 for each three months of instruction. This is in addition to the regular fees listed above. Residence in Utah merely for the purpose of attending Trade Tech does not entitle the student to resident classification. Requirements for resident classification include residence within the State of Utah for at least one year immediately preceding registration with the intention to maintain permanent residence within the state.

SCHOLARSHIP FEES: Students attending Trade Tech on a tuitionpaid scholarship are required to pay \$8 per quarter for student fees. These fees are not refundable.

LATE REGISTRATION FEE: Students who do not make fee payments by the due dates will be charged a late registration fee of \$3.

#### REFUNDS

In the event of official withdrawal, fees will be refunded on the follow-

ing prorated basis:

Students withdrawing during the first three weeks of a quarter may receive a refund of \$20; those withdrawing between the fourth and sixth weeks may receive a refund of \$10. Refunds will not be made after the start of the seventh week of the quarter. Refunds will not be made without presentation of the student's receipt for fees paid. Application for refunds must be made within 10 days after withdrawal. In the event that a student pays an entire year's tuition and fees at the beginning of a school year and later withdraws, he will receive full refund of fees and tuition for those quarters not yet started at the time of his withdrawal.

#### **BOOKS — TOOLS — SUPPLIES**

Cost of books, tools and supplies varies from \$40 to \$250 depending on the class. See class descriptions on the following pages for specific information. These costs are estimates, and may vary as much as 10 per cent from actual cost. Fluctuation in costs of these items may necessitate increases in price without notice. Students must acquire the books, tools and supplies that are required for the classes in which they are enrolled.

#### **TRANSFERS**

Transfer from one training program to another will be made only in justifiable cases. Requests for transfer will be referred to the Dean of Students.

#### GRADES AND REPORTS

At the end of each quarter, each Day School student receives a report card which lists the work accomplished, grades the performance of work, and evaluates personal attitudes. Here is a key to the grades:

| Outstanding      | 4 |
|------------------|---|
| Above Average    | 3 |
| Average          | 2 |
| Below Average    | 1 |
| Not Satisfactory | 0 |

If a student receives a "not satisfactory" grade, he must show improvement during the next 12-week period. A second grade of "not satisfactory" will result in either termination of the student's enrollment in school or, if recommended by the counseling service, a change in the occupational objectives. Those hours rated "not satisfactory" will not be counted toward completion of the course.

#### HIGH SCHOOL CREDIT

Credit may be granted at the option of the district or the high school principal. High school credit will be recommended for those who attend regularly and do satisfactory work. Credit arrangements must be made with the sponsoring high school before enrollment at Trade Tech.

#### CERTIFICATE OF ACCOMPLISHMENT

Students who successfully complete the required work for an occupational preparatory course are awarded Certificates of Accomplishment at the school's Accomplishment Exercises at the conclusion of each school year. During this ceremony the students are honored for their success, and student speakers — selected from the school's best students — address the graduating class, friends and relatives. The graduating students are also honored at a breakfast.

#### ATTENDANCE

Attendance regulations have been adopted to help students form good work habits and attitudes that will be beneficial in future employment. One day of absence will be charged for each three times a student is tardy. Four days' absence per quarter will result in termination of a student's enrollment, unless written justification for the absence is accepted by the administration.

#### WITHDRAWALS

A student who withdraws from school must obtain a referral form from the office, except in the case of students who withdraw at the end of a quarter. The referral form must be appraised by the Dean of Students. Agencies which authorize students to attend Trade Tech will be notified of withdrawal actions.

#### RECORDS

Permanent records of students' attendance and achievement are maintained in the school office. These may be reviewed by the student at any time. A transcript of the record will be furnished prospective employers and students upon request. The first transcript is furnished free of charge, and others will be provided at a cost of \$1 each.

#### RELATED INSTRUCTION

Related training subjects are required for all courses offered in the Day School Occupational Preparatory program. The student spends one or more hours of each day in related training during his six-hour day at school. Math, English or physics related training classes are taught by instructors with a background of work experience which aids them in guiding this academic-type training into practical application. Each Day School Occupational Preparatory class has its own related training requirement, which is listed in the course descriptions. Following are outlines of the related training subjects.

#### BLUEPRINT READING

The universal language of all craftsmen, blueprint reading and sketching is taught in relation to the needs of individual trades. A one-quarter course.

#### BUSINESS PRINCIPLES

A one-quarter course in American business, designed to assist the student in personal economics. The subject is approached from the points of view of the employee, employer and the consumer. Special attention is given to the problems of small business in the various trades.

#### INDUSTRIAL PHYSICS

A one-quarter course to introduce the principles of physics as they apply to the respective trade areas.

#### COMMUNICATIONS

A one-quarter course that provides practice in observing and working with the conventional usages of spelling, punctuation, capitalization and grammar in both written and oral communications. Individual speech analysis, business and social conversation, demonstrations and explanations aimed at overcoming common errors in everyday speech are included in this class.

#### MATHEMATICS (Basic)

This course is taught for one or two quarters, depending on the need of the trade subject. The course includes a review of fundamental arithmetic, and is followed by algebra, geometry and trigonometry as they apply to the trade. The student's progress is geared to his individual ability and background.

#### MATHEMATICS FOR ELECTRONICS

The Electronics class requires a five-quarter program of math, beginning with fractions and ranging through algebra II, trigonometry, math analysis and calculus I and II. Instruction is programmed to meet the needs of the electronics technician. Instruction in slide rule use parallels math courses.

#### PHYSICS FOR ELECTRONICS

Six quarters of physics are required of two-year electronics students. During the first three quarters, students are introduced to the fundamental physical motions of time, space, matter, vectors, relative motion, velocity, and acceleration. Units of photons and matter waves, atomic theory and quantum systems are included in the last three quarters.

#### SHOP-RELATED SUBJECTS

Shop classes, closely allied with the respective trade courses will be offered as scheduling and facilities permit. These courses are a combination of technology and shop practice. Examples would be training in welding for diesel mechanic students or training in drafting for machine shop students.



#### AUTO BODY REPAIR

#### 9 Months - 1032 Hours

The course in Auto Body Repair familiarizes the student with problems encountered in analyzing and repairing collision damage. The student who completes nine months of training will have sufficient skill to rebuild damaged automobiles under the supervision of an experienced body repair man. Experience is gained by working on a variety of damaged cars, including the annual project of rebuilding a wrecked car purchased by the school. It is recommended that Auto Body Repair students return for a second year of training in Auto Painting.

TRAINING OUTLINE: Basic metallurgy – Stress analysis – Physics – Resistance welding – Gas fusion welding – Sheet metal arc welding – Brazing – Shrinking – Soldering – General alignment – Specific alignment – Final alignment – Structural reconditioning – Body mechanics – Frame repair – Trim, hardware and glass service.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Artistic and mechanical aptitudes, manual dextertiy, good vision.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Trend is up, due to increasing number of vehicles in use. The school maintains a constant list of employers and placement of qualified graduates is virtually assured.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$115.



#### AUTO BODY PAINTING

#### 9 Months - 1032 Hours

The Automobile Painting course is designed to familiarize the student with problems, techniques and processes of automobile painting and to develop skill in rapid and economical automobile refinishing. Students receive instruction and practice in various other aspects of appearance reconditioning which will make their services of value to auto dealers, used car lots and repair shops. It is recommended that Auto Painting students return for a second year of training in Auto Body Repair.

TRAINING OUTLINE: Sanding and feather edging — Priming and surfacing — Spray finishing with enamel and lacquer — Dressing out and detailing — Rubbing and polishing — Analysis of painting problems — Estimating and bidding — Industrial mathematics — Industrial physics — Blueprint reading — Communications — Business principles.

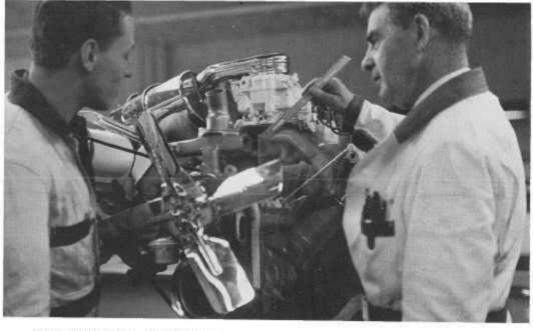
DAILY SCHEDULE: Classroom instruction includes 1 hour of trade technology and 1 hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Artistic and mechanical aptitudes, manual dexterity, good vision, color perception.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Opportunities are good for placement in the many painting and repair shops. The school maintains a constant list of employers seeking qualified workers.

BOOKS, TOOLS, SUPPLIES AND UNIFORMS: Approximate cost, \$60.



#### AUTOMOBILE MECHANICS 18 Months - 2064 Hours

The course emphasizes basic principles of maintenance and repair of passenger cars and light trucks. Experience is gained by working on cars of students and on other repair projects approved by the school. Opportunity to specialize in certain elective units is provided during the final quarter.

TRAINING OUTLINE: Engine maintenance and reconditioning — Engine tune-up — Chassis — Suspensions — Steering correction — Major and minor brake service — Power trains — Clutches — Standard and automatic transmissions — Drive lines — Final drives — Automotive electrical equipment operation and servicing — Electrical trouble diagnosing — A.C. charging systems and transistorized equipment — Power equipment — Air conditioning — Shop organization and management — Mathematics — Blueprint reading — Communications — Safety — Public relations.

DAILY SCHEDULE: Classroom instruction includes trade technology and related training, and shop practice.

QUALIFICATIONS: Mechanical aptitude, manual dexterity and accuracy, good physical health.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Shortage of skilled workers throughout the state and most areas of the nation. Opportunities for placement of qualified graduates are excellent and virtually assured.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$155.



#### BARBERING

#### 6 Months - 1000 Hours

The Barbering student gains experience by working on customers in the school's modern, 12-chair barber shop. The course prepares the student to take the state licensing examination.

TRAINING OUTLINE: Haircutting — Shaving — Shampooing — Massaging — Bacteriology and hygiene — Care of tools, equipment and supplies — History of barbering — Ethics of barbering — Laws affecting barbering — Care of skin and scalp — Anatomy and physiology — Personal development — Customer relations — Safety — Business principles.

DAILY SCHEDULE: This program operates 8 hours each day. Instruction includes 1 hour of trade technology in the classroom and 7 hours of shop practice. Training in related subjects is given on an irregular schedule. (A 9-month, 32-hour per week evening program is also offered.)

QUALIFICATIONS: Artistic aptitude, manual dexterity, cheerful disposition, courteous and attentive manner, business ability. Requires long periods of standing. Must meet state health requirements, and be at least 17 years old.

PROFESSIONAL PRACTICE: State law requires completion of 1000 hours in six months or more of schooling, then taking a State Licensing Board examination to receive a one-year license to practice as an apprentice under the supervision of a licensed journeyman barber. At the conclusion of the apprenticeship period, a second examination is taken to achieve journeyman status.

EMPLOYMENT: Opportunities in most areas of the state are excellent, due to expanding population.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$125.



#### BUILDING TECHNOLOGY 18 Months — 2064 Hours

The student is taught construction processes and finishing skills. Students who complete the first year of the program can qualify as Framing Specialists. Those who complete the two-year program receive a certificate in Building Technology. Experience is gained through supervised student projects and assigned school projects. In addition, second year students construct and completely finish the school's annual Project House.

TRAINING OUTLINE: Care and use of tools — Machine tools — Building materials — Concrete construction — Foundations and framing — Layout — Flooring — Stair building — Roof framing — Dry-wall application — Cabinetmaking and millwork — Interior trim — Exterior trim — Insulation — Communications — Trade mathematics — Contractor's estimating — Drafting — Blueprint reading — Building codes — Safety — Business principles — Related welding.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Manual dexterity, mechanical aptitude, good vision, enthusiasm for outdoor work.

PROFESSIONAL PRACTICE: This is an apprenticeable trade. The graduate may engage in self-employment or enter into an apprenticeship agreement to receive a journeyman card.

EMPLOYMENT: Large numbers of trained workers are needed in expanding construction, maintenance and alteration work. Employment can be found in every community for the skilled worker. No difficulty in placing graduates.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$160.



#### **BUSINESS PRACTICE**

#### Stenographic Course Bookkeeping Course

9 Months - 1032 Hours

9 Months - 1032 Hours

The Business Practice programs prepare the student to go directly into employment in a modern business office. Either Stenographic or Bookkeeping programs may be selected. Training includes operation of keydriven and rotary calculators, bookkeeping machines, and office skills and procedures.

TRAINING OUTLINE: Typing — Shorthand — Bookkeeping — Office procedures — Receptionist procedures — Telephone procedures — Filing — Office machines — Dictaphone — Mimeographing — Word studies — Letter writing — Business English — Business mathematics — Business law — Personality development — Charm.

DAILY SCHEDULE: Instruction is generally broken into three hours of classroom training and three hours of drills and practice in the various procedures.

QUALIFICATIONS: Clerical aptitudes, ability to work quickly and accurately, finger dexterity, ability to take and follow direction, ability to work closely with associates.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah. Civil Service and State Merit preparation and testing (shorthand and typing) are part of program.

EMPLOYMENT: Demand is greater than supply of qualified workers with stenographic, bookkeeping, office machines or typing skills. Placement opportunities for graduates are excellent.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$110.



#### COMMERCIAL ART

#### 18 Months - 2064 Hours

The Commercial Art program is streamlined to qualify students for positions in the art field. The course provides a combination of basic training in fundamental art processes and experience with methods of the trade. Emphasis is placed on both speed and skill. Students are oriented into trade areas where employment opportunities exist.

TRAINING OUTLINE: (First Year) Basic Brush and Pen Lettering — Layout — Color — Perspective — Study of Black and White Shading Media — Reproduction processes — Anatomy and Figure Drawing — Design — Fashion illustration — Human relations — Advertising English and Terminology. (Second Year) Advanced lettering and layout — Line technique — Color harmony — Shading — Fashion — Illustrating — Cartooning — Perspective — Industrial Design — Methods and media — Science and ethics of advertising — Applied mathematics — Business principles.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in artwork practice.

QUALIFICATIONS: Creative talent, ability in art, imagination, color perception. Requirements may vary depending upon the field of specialization.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Opportunities exist in a wide variety of trade shops and business concerns. Placement is highly competitive but available for the skilled craftsman.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$100.



#### COSMETOLOGY

#### 10 months - 1500 Hours

The Cosmetology course offers instruction and practice in all phases of beauty work. The course is designed to prepare the student for state licensing examinations in beauty culture.

TRAINING OUTLINE: Permanent waving — Hair styling — Facials — Scalp treatments — Electricity and light therapy — Manicuring — Haircutting — Shampooing — Tinting and bleaching — Anatomy and physiology — Diseases of the skin and scalp — Hygiene and sanitation — Care and use of equipment — Chemistry of cosmetology — Ethics of cosmetology — Laws affecting cosmetology — Personality — Human relations — Safety — Business principles.

DAILY SCHEDULE: The program operates eight hours each day. Instruction includes one hour of trade technology in the classroom and seven hours of shop practice.

QUALIFICATIONS: Artistic and mechanical aptitudes, good health, manual dexterity, pleasant personality. Occupation requires long periods of standing. Must meet state health requirements.

PROFESSIONAL PRACTICE: State law requires completion of 1500 hours training in nine months of schooling or more. The graduate is qualified to take the State Licensing Board examinations. Those students passing this examination receive a license to practice Cosmetology.

EMPLOYMENT: Opportunities are competitive but placement is readily available for the skilled operator.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$80.



#### DIESEL MECHANICS

#### 18 Months - 2064 Hours

This course provides both theoretical and practical training in the operation, maintenance, repair and servicing of diesel engines. Included are both two-stroke and four-stroke cycle units. Experience is gained on training units in the school's completely equipped diesel shop and by working on industrial diesel equipment brought in for servicing and repair.

TRAINING OUTLINE: Use of tools and equipment — Electrical systems — Tracks — Frames — Brakes — Fuel injection and pumps — Tune-up and adjustment — Steering — Cooling — Controls and hydraulics — Air systems — Finals, check-outs — Power production — Power flow — Chemistry of fuels — Safety — Shop management — Industrial mathematics — Industrial physics — Communications — Blueprint reading — Business principles — Welding — Machine shop.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Manual dexterity, mechanical aptitude, interest and aptitude for science and mathematics, good physical condition.

PROFESSIONAL PRACTICE: No general apprenticeship program is presently organized in Utah. The qualified graduate may become self-employed or enter industrial ranks.

EMPLOYMENT: Opportunities are expanding with increased use of diesel-powered equipment, transportation and power plants. Placement opportunities are excellent.

BOOKS, TOOLS, SUPPLIES: Approximate cost, First Year — \$170, Second Year — \$85.



#### DRAFTING - ARCHITECTURAL 9 Months - 1032 Hours

Students are instructed in every phase of architectural drafting with particular emphasis on local conditions and practice, in an atmosphere of a professional drafting room, learning to carry architectural projects from preliminary sketches through to completed working drawings. Class projects include model making and rendering and drawing the annual school project house: Frequent field trips acquaint the student with contemporary practices in good construction.

TRAINING OUTLINE: Principles of design — Construction principles — Preliminary sketching — Working drawings — Pictorial drawings, isometric and perspective — Rendering — Lettering — Tracing and duplicating — Use of drafting equipment — Surveying — Architectural terminology — Color harmony — Building codes — Building materials — Residential and commercial detailing — Industrial design — Industrial mathematics — Communications.

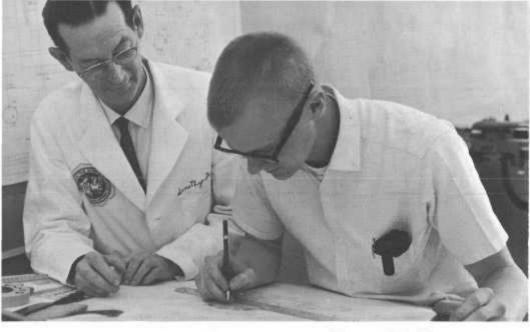
DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Ability for fine, accurate detail work, artistic and mechanical aptitudes, ability to visualize spatial relationships.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Increasing numbers of draftsmen are needed as supporting workers for expanding construction activity. Job prospects are excellent.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$100.



#### DRAFTING — MECHANICAL 9 Months — 1032 Hours

The course stresses the fundamentals of precision drawing with tools. Modern techniques of drafting are taught in an atmosphere of a professional drafting room so the student may develop and record in the form of drawings every item of information necessary to convey the ideas of the designer to the workman, from a rough sketch to a finished blueprint.

TRAINING OUTLINE: Care and use of drafting equipment — Lettering — Working drawings — Topographic drawings — Dimension — Tracing and duplication — Production illustrations — Sheet metal drafting — Machine drafting — Structural drafting — Electrical drafting — Pattern drafting — Orthographic projection — Geometric construction — Triangulation — Trade practices — Trade terminology — Industrial mathematics — Safety — Communications. (Special training available in technical illustrating, mapping or schematics.)

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Ability for fine, accurate detail work, artistic and mechanical aptitudes, ability to visualize spatial relationships.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah.

EMPLOYMENT: Draftsmen are needed in rapidly expanding engineering occupations. Opportunities for placement of qualified graduates are excellent.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$110.



#### ELECTRICITY

#### 9 Months - 1032 Hours

Students receive a broad foundation in the principles encountered in every facet of the electrical industry and a working knowledge and ability with the tools of the trade. Emphasis is placed on basic principles, house wiring, industrial circuitry and the use of instruments.

TRAINING OUTLINE: Electrical fundamentals — Electrical instruments — Soldering — Wiring — Trouble shooting — Motor winding — Motor hookup — Control circuits — Generator repair — Transformers and controls — A.C. and D.C. machines — Industrial mathematics — Industrial physics — Blueprint reading — Communications.

DAILY SCHEDULE: Classroom instruction includes 1 hour of trade technology and 2 hours of related training. Three hours are spent in shop practice.

QUALIFICATIONS: Mechanical aptitude, intense interest in science and mathematics, manual dexterity, ability to do accurate detail work.

PROFESSIONAL PRACTICE: This is an apprenticeable trade. The graduate may engage in self-employment or enter into an apprenticeship agreement to receive a journeyman card. In some areas, may be required to obtain a license.

EMPLOYMENT: Increased construction and greater use of electrical devices in industrial and automatic processes make placement opportunities very good.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$165.



## ELECTRONIC TECHNOLOGY 18 Months — 2064 Hours

Students in Electronic Technology may follow several different vocational objectives. Certificates of accomplishment may be granted after three, four, and six quarters of Electronics training. The fifth and sixth quarter program extends into the technical fields of industrial electronics, missile control, communications, military and industrial applications of electronics.

TRAINING OUTLINE: DC Fundamentals — AC fundamentals — Vacuum tube and transistor fundamentals — Transmitter and receiver fundamentals — TV and color TV — Radar and microwave — Servosystems — Computers — Algebra — Trigonometry — College algebra — Analytic geometry — Calculus for electronics — Descriptive physics — College physics — Communications — Technical writing.

DAILY SCHEDULE: Classroom instruction includes 1 hour of trade technology and 2 hours of related training. Three hours are spent in laboratory practice.

QUALIFICATIONS: Motivation, mechanical aptitude, manual dexterity, ability in science and mathematics, ability to work as a team member.

PROFESSIONAL PRACTICE: No apprenticeship or licensing is required in Utah. Civil Service examinations available for placement in governmental agencies.

EMPLOYMENT: Great demand exists for skilled technicians. Work readily available in many areas because of increasing industrial and business automation. Interviews are scheduled with local and out-of-state industries.

BOOKS, TOOLS, SUPPLIES: Approximate cost, First year — \$120, Second year — \$60.



### MACHINE SHOP TECHNOLOGY

## 9 Months - 1032 Hours

Emphasis in the Machine Shop is placed on the operation of basic machine tools, accuracy of measurements, quality of finish, skill with hand tools and speed performance. Experience is gained through projects assigned in the school's modern, fully-equipped machine shop. Field trips are also taken to many of Utah's important metal manufacturing plants for additional insight and understanding.

TRAINING OUTLINE: Engine lathe — Milling machines — Shapers — Precision grinders — Turret lathes — Tool and cutter grinders — Power saws — Drilling machines — Arc and acetylene welders — Precision inspection equipment — Speeds, feeds, fits — Tolerances — Surface finishes — Trade orientation — Gears cutting and indexing — Blueprint reading and drawing — Industrial mathematics — Industrial physics — Communications.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and two hours of related training. Three hours are spent in shop practice.

QUALIFICATIONS: Manual dexterity, ability to understand basic mathematics, mechanical aptitude, ability to perform precision work, good physical condition.

PROFESSIONAL PRACTICE: This is an apprenticeable trade. The graduate may engage in self-employment or enter into an apprenticeship agreement to obtain a journeyman card.

EMPLOYMENT: Opportunities for skilled machinists and quality control technicians are constantly available. Employer lists are maintained by the school for placement of graduates.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$135.



## PRACTICAL NURSING

## 12 Months - 1838 Hours

This program is planned to develop the knowledge, skills and attitudes needed to function as a Licensed Practical Nurse. The course includes fifty weeks of instruction and two weeks of vacation. Applicants must be citizens of the United States or have applied for citizenship. New classes begin each September.

TRAINING OUTLINE: Nursing principles and skills — Personal and community health — Body structure and functions — Conditions of illness — Growth and development of the child — Nutrition and diet therapy — Pharmacology — Interpersonal relations — Care of the medical and surgical patient — Care of mothers and newborn — Care of children — Care of the aged — Care of the psychiatric patient — Vocational adjustments — Diversional and rehabilitative activities — Central supply service — Recovery room care — Isolation techniques.

DAILY SCHEDULE: The inter-related pattern of curriculum does not follow a regular schedule. Instruction varies from a 6-hour day of classroom and laboratory instruction at the school to an 8-hour day of supervised clinical training in a hospital.

APTITUDE: Applicants, either men or women, should be mature. Aptitude tests, physical examinations, interview and references required.

PROFESSIONAL PRACTICE: State law requires completion of an accredited Practical Nursing school program before taking a licensing examination. Graduates who successfully pass the State Board examination will become Licensed Practical Nurses.

EMPLOYMENT: Opportunities are excellent, with every licensed practical nurse virtually assured of employment.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$150.



# PRINTING (Letterpress)

# 9 Months — 1032 Hours

This is the only printing training program available in Utah. The student learns a wide variety of skills which enable him to follow the prepared copy through the various operations to completion. Letterpress and offset processes are taught. Instruction includes composition using hot or cold type.

TRAINING OUTLINE: Preparation of copy using both hot and cold type — Hand and machine composition — Lockup — Imposition — Cylinder, platen press operation — Layout and design — Bindery — Industrial mathematics — Business principles — Communications.

DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Manual and finger dexterity, good visual perception, mechanical aptitude, clerical ability.

PROFESSIONAL PRACTICE: This is an apprenticeable trade. The graduate may engage in self-employment or enter into an apprenticeship agreement to obtain a journeyman card.

EMPLOYMENT: Heavy demand for skilled printers. Immediate placement available for virtually all qualified graduates.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$55.



# PRINTING (Offset)

# 9 Months - 1032 Hours

This course prepares the student to enter the offset printing trade with a thorough understanding of the trade's fundamentals. Students work on actual printing jobs, preparing copy for the camera, photographing the copy, processing plates and operating offset printing presses. Emphasis is placed on developing good work habits, and an appreciation of good printing.

TRAINING OUTLINE: Layout and Art — Retouching — Characteristics of Paper — Paste-Up — Camera Work — Proofing — Process Color Printing — Stripping and Opaquing — Platemaking — Offset Press Operation — Industrial Mathematics — Business Principles — Communications.

DAILY SCHEDULE: Classroom instruction includes one hour of related training, one hour of trade technology and four hours of shop practice.

QUALIFICATIONS: Dexterity of hands, good visual perception, mechanical aptitude, artistic ability.

PROFESSIONAL PRACTICE: The graduate may operate his own shop, work in a printing shop or with one of the growing number of business and industrial firms that use offset presses for their printing and duplicating work.

EMPLOYMENT: Offset printers are in good demand, and this field is growing. Opportunities should increase.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$50.



### SURVEYING

## 9 Months - 1032 Hours

The instrument and surveying course prepares the student for work as a member of a survey team. He learns to set up, and operate an alidade, engineer's level, transit, and other surveying instruments. He learns to find and set corners, lines and elevations and other data for construction, map making, mining and other purposes. He learns the skills of the chainman, rodman and assistant surveyor.

TRAINING OUTLINE: Care and use of survey instruments — Surveying — Field notes and sketching — Mathematics of surveying — Field work — Slope staking — Communications.

DAILY SCHEDULE: Classroom instruction includes two hours of survey theory and one hour of related training. Three hours each day are spent in laboratory practice and field exercises.

QUALIFICATIONS: Physically rugged outdoor males of good character with mathematical background or aptitude.

PROFESSIONAL PRACTICE: A beginning instrument man requires no license in Utah. With considerable additional education, experience and on-the-job training, a qualified graduate of this course could become a licensed surveyor.

EMPLOYMENT: The expanding highway and other construction programs are hiring many men with these qualifications. Job prospects are excellent.

BOOK, TOOLS, SUPPLIES: Approximate cost, \$20.



## WELDING

# 9 Months - 1032 Hours

The course covers fundamental practices used in welding iron, steel and non-ferrous metals. Students have the opportunity to use a variety of equipment in arc and acetylene weld processes and to understand and properly use materials common in the trade. Instruction is given in metallurgy, testing of metals, and blueprint reading. Considerable stress is placed upon personal safety. Trade Tech welding graduates will be familiar with virtually every known type of weld.

TRAINING OUTLINE: Oxy-acetylene welding — Arc welding — Inert gas welding — Basic heat treating — Testing welds — Building with metals — Use of hand and machine cutting torch — Finishing techniques — Chemistry of oxidation — Metallurgy — Industrial mathematics — Industrial physics — Blueprint reading — History of welding — Community relations.

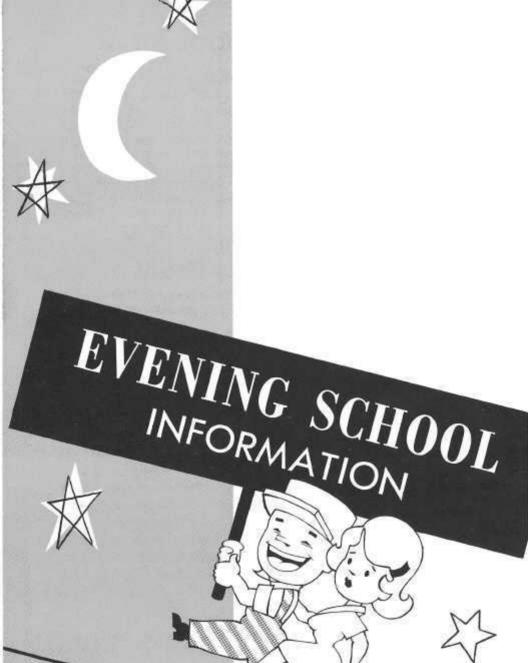
DAILY SCHEDULE: Classroom instruction includes one hour of trade technology and one hour of related training. Four hours are spent in shop practice.

QUALIFICATIONS: Mechanical ability, manual dexterity, artistic aptitude, good vision, good physical health.

PROFESSIONAL PRACTICE: This is an apprenticeable trade. The graduate may engage in self-employment or enter into an apprenticeship agreement to obtain a journeyman card. Certification tests and license may be required by employers in some areas.

EMPLOYMENT: Welders are in constant demand. Placement opportunities are excellent for all qualified graduates.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$80.





# EVENING SCHOOL

Four kinds of classes are offered at Trade Tech during evening hours — evening occupational preparatory, apprentice related training, occupational extension, and supervisory training. The evening occupational preparatory courses are similar to those offered in day school, but students average only 16-20 hours in class each week. Because of this, their training is spread over a longer period than that of day students. Apprentice related training is classwork that augments the apprentice's on-the-job training. Evening occupational extension courses offer additional training designed to help employed persons prepare for greater responsibility and better financial reward. Courses in supervisory training assist foremen and supervisors in understanding and developing improved management methods.

# **EVENING SCHOOL - 1965-66**

(This calendar applies to all Evening School classes except Evening Occupational Preparatory classes.)

#### CALENDAR

| September 1 - 10 | Registration Fall Quarter  |
|------------------|--|
| September 13     | Instruction Commences  |
| October 15-18    | 하는 아니는 아이는 아이를 가게 되었다는 이렇게 되었다. 그런 이렇게 그리고 되었다면 되었다. 그리고 하는 사람들이 되었다면 하는데 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 |
| November 25      |  |
| December 18      | Fall Quarter Ends  |
| January 3 - 7    | Registration Winter Quarter  |
| January 11       | Instruction Commences  |
| February 22      | ay - Washington's Birthday   |
| April 16         | Winter Quarter Ends  |
| April 18-19      | Registration Spring Quarter  |
| April 18         | Spring Quarter Commences   |
| May 28           | Spring Quarter Ends  |

# **EVENING TUITION AND FEES**

All fees are due and payable at the time of registration. Tuition and fees for the various Evening School courses are:

| Course                           | Cost per Quarter |
|----------------------------------|------------------|
| Evening Occupational Preparatory | \$22             |
| Apprentice Related Training      |                  |
| Occupational Extension           |                  |
| Supervisory Training             | \$10             |

#### NON-RESIDENT FEES

An additional fee of \$25 per quarter is required of all Evening Occupational Preparatory students who are not legal residents of the State of Utah.

### LATE FEE

A fee of \$3 will be charged any student enrolled in a previous quarter who does not register and pay his fees before the end of the registration period, which immediately precedes the first day of each quarter.

## REFUNDS

Only tuition fees are refundable. Students withdrawing during the first three weeks of any quarter may have a prorated refund of tuition. The official termination date will be the day the student notifies the registrar of his withdrawal. Tuition refunds will not be made unless the student presents his receipt for fees paid. Application for refund must be made within 10 days after withdrawal. Tuition refunds will not be made for students withdrawing from Supervisory Training classes and other special courses.

### MINIMUM ENROLLMENT

It is not feasible to operate a course with fewer than ten registrants. When it is impossible to maintain a sufficient enrollment, classes are discontinued.

## ELIGIBILITY

Since courses are offered without reference to college credit, Evening School is open to any serious individual over 16 years of age who can profit from the instruction offered. However, to enroll in those classes which have been established primarily for providing related training for apprentices, listed in this section under Apprentice Training Courses, it is required that the applicant be gainfully employed at the occupation for which training is desired. Apprentices and on-the-job trainees are required to attend related instruction in their respective trades.

## GRADES AND REPORTS

A report indicating a student's progress will be issued at the end of each quarter. The student's progress will be rated as follows:

| Outstanding      | 4 |
|------------------|---|
| Above Average    | 3 |
| Average          | 1 |
| Below Average    | 1 |
| Not Satisfactory | 0 |

# INSTRUCTORS - EVENING SCHOOL

| Name                                 | Class                    |
|--------------------------------------|--------------------------|
| Astill, H. V.                        | Electricity              |
| Anderson, Alonzo                     | Ironworkers (Structural) |
| Barendregt, Ingen                    | Machine Shop             |
| Barker, Lloyd                        | Electronic Technology    |
| Barney, David O.                     | Electricity              |
| Bartholomew, Earl                    | Rusiness                 |
| Bingham, Keith                       | Electronic Technology    |
| Birn, Arthur S.                      |                          |
| Blake, Larry                         | Supervisory Training     |
| Blosser, Richard                     | Electronic Technology    |
| Bringhurst, George                   | Welding                  |
| Brown, Edwin S.                      | Welding                  |
| Brunson, Ronald                      |                          |
| Burns, William                       |                          |
| Buchanan, Jack R.                    |                          |
| Buchanan, Thayne G.                  |                          |
|                                      |                          |
| Campbell, Kathleen Call, William H.  | Electronic Technology    |
| Can, William D.                      | Math and                 |
| Campbell, Ohlan S. Campbell, John W. |                          |
| Campbell, John W.                    | Electronic Technology    |
| Campbell, Udell                      |                          |
| Christensen, LaVoy S.                |                          |
| Colclough, Joseph                    |                          |
| Culligan, James J.                   |                          |
| Dahle, Cline                         | Machine Shop             |
| Darlington, Courtney                 | Sheet Metal              |
| Davis, Ronald C.                     | Electronic Technology    |
| Dea, Robert                          |                          |
| Dean, Ross E.                        | Carpentry                |
| Dean, Vernon W.                      |                          |
| Dille, B. W.                         |                          |
| Edmonds, Horace                      |                          |
| Eichbauer, Myron                     | Plumbing                 |
| England, Keith                       | Supervisory Training     |
| Gardner, Bryan                       |                          |
| Gundersen, Paul                      |                          |
| Hagan, Charles                       |                          |
| Hansen, Levern                       |                          |
| Hansen, Wallace                      | First Aid, Safety        |
| Harris, Melvin                       |                          |
| Heath, Robert D.                     |                          |
| Hill, James C.                       |                          |
| Hite, Thamer S.                      |                          |
| Hoopes, Victor                       |                          |
| Horne, Douglas                       | Sheet Metal              |

| Houston, D. C.       | Supervisory Training              |  |
|----------------------|-----------------------------------|--|
| Hughes, Ronald       | Offset Printing                   |  |
| Jensen, Evan E.      |                                   |  |
| Johnson, Harold E.   | Plumbing                          |  |
|                      |                                   |  |
| Johnson, Wallace H,  | Sheet Metal                       |  |
| Knowlden, George     |                                   |  |
| Lewis, Richard F.    | Electricity                       |  |
| Lundgren, Allen H.   | Supervisory Training              |  |
| Madron, George F.    | Plumbing                          |  |
| Manning, Max C.      | Painting and Decorating           |  |
|                      | Plumbing                          |  |
| McDonald, Russell T. | Supervisory Training              |  |
| McKinnon, Robert G.  |                                   |  |
| Mecham, Harold       | Layout for Fabricators            |  |
| Morris, William W.   | Welding, Inert Gas Arc            |  |
| Moss, Ralph          | Machine Shop                      |  |
| Nielsen, Eldon R.    | Pipefitters                       |  |
| Olsen, Arley         | Sheet Metal                       |  |
| Olsen, Kenneth H.    | Sheet Metal                       |  |
| Pabst, Ray C.        | Electricity                       |  |
| Peterson, Fred L.    | Supervisory Training              |  |
| Pender, Tom          | Supervisory Training              |  |
| Salmond, Lowell      | Electronic Technology             |  |
| Schnirel, James      | irel, James Architectural Draftin |  |
|                      | Mechanical Drafting               |  |
| Sommercorn, Fred     | Auto Mechanics                    |  |
| Sorenson, Dale W.    | Carpentry                         |  |
| Spainhower, Orrin W. | Auto Body Repair                  |  |
| Stensrud, Grant      | Upholstering                      |  |
| Sterzer, Leo         |                                   |  |
| Van Os, Hulbert      | Machine Shop                      |  |
| Walker, Dwayne       | Mechanical Drafting               |  |
| Walker, Frank        | Blueprint Reading                 |  |
| Weight, Gordon       | Öffset Printing                   |  |
| Welker, Robert C.    |                                   |  |

# **EVENING OCCUPATIONAL PREPARATORY**

Classes in the Evening Occupational Preparatory programs have the same objectives as Day School classes. However, the Evening Occupational Preparatory classes are taught during hours that are advantageous to some students who might not otherwise be able to enroll. Generally, these classes are scheduled from 6 p.m. to 10 p.m. At present, Trade Tech offers Evening Occupational Preparatory classes in Auto Body Repair, Barbering, Electronic Technology and Mechanical Drafting. Since instruction is given on a part-time basis, the time required to complete these

programs is longer than the regular Day School programs. Generally, courses are designed for completion by attending evening classes from one to three years.

The calendar and class descriptions of Evening Occupational Preparatory courses are found in the Day School section of this catalog.

### AUTO BODY REPAIR AND PAINTING

DAILY SCHEDULE: Classes held Monday, Tuesday, Wednesday and Thursday.

COMPLETION REQUIREMENTS: 1032 hours in 18 months of instruction.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$95.

#### BARBERING

DAILY SCHEDULE: Classes held Monday, Tuesday, Wednesday and Thursday from 4 p.m. to 10 p.m. and Saturday from 8:30 a.m. to 5 p.m. Total of 30 hours per week.

COMPLETION REQUIREMENTS: 1,000 hours in 9 months of instruction.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$125.

## ELECTRONIC TECHNOLOGY

DAILY SCHEDULE: Classes held Monday, Tuesday, Wednesday and Thursday.

COMPLETION REQUIREMENTS: 1,500 hours in 27 months of instruction.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$155.

## MECHANICAL DRAFTING

DAILY SCHEDULE: Classes held Monday, Tuesday, Wednesday and Thursday.

COMPLETION REQUIREMENTS: 1032 hours in 18 months of instruction.

BOOKS, TOOLS, SUPPLIES: Approximate cost, \$80.

# APPRENTICE RELATED COURSES

Apprentice training courses supply the related instruction necessary to complement daily on-the-job experience of the apprentice or trainee. Many industries have found that the best way of meeting the demand for skilled workers is to organize an apprenticeship program. Thus the young worker can be assisted in gaining a well rounded knowledge of his trade through on-the-job experiences and related technical instruction in the classroom. (See "Eligibility.")

### CARPENTRY

Related instruction for carpentry apprentices includes industrial and labor relations, mathematics, and blueprint reading, foundations and form construction, framing, roof framing, exterior covering and finishing, interior finish, stairbuilding, concrete construction, plans and building procedures, special uses of concrete, heavy timber construction.

#### ELECTRICITY

This program for apprentices and tradesmen includes technical information and theory related to electricity, blueprint reading, safety, mathematics, principles of motors, generators, transformers, electric wiring, distribution systems, industrial electronics, electrical maintenance and repair, and industrial and labor relations.

## IRONWORKING — LAYOUT

Related training for ironworking apprentices and tradesmen includes technical information and theory related to the ironworking industry, such as blueprint reading and interpretation, mathematics, safety, trade theory and science, layout, assembly and fabrication, the steel square, etc.

## IRONWORKING — STRUCTURAL

This course is offered for structural ironworker apprentices and journeymen and covers rigging of equipment, safety, structural steel theory, reinforcing steel theory and practice, welding and other trade practices. Blueprint reading is an integral part of the second year course.

# LEAD WIPING

Lead wiping is the fifth year course required of apprentice plumbers. It includes instruction in the theory and technical information needed to make lead joints and also encompasses shop practice necessary to develop skills at this technical job.

A special fee of \$7.50 per quarter is charged all students in lead wiping for materials and supplies furnished by the school.

#### MACHINE SHOP

This course for apprentices and tradesmen includes the technical information and theory related to machinists' on-the-job operations, blueprint reading and drawing, mathematics, safety, machine shop tools, machinery toolmaking applications, heat treatment of steels, layout and fabrication, general machine shop theory and science.

#### PAINTING AND DECORATING

Painting and decorating for apprentices and tradesmen includes technical information and theory related to the painting and decorating trade, blueprint reading, mathematics and estimating, safety, trade theory and science, tools and equipment of the trade, industrial and labor relations, color harmony, chemistry of paints, etc.

### PIPE FITTING AND REFRIGERATION

The pipe fitting program is for apprentices in the pipe fitting field. It includes technical information and theory relative to the work of the pipe fitter. It also includes mathematics, estimating, blueprint reading, plan reading, and specifications for the pipe fitting trade. Pipe fitting materials, venting, and organization of the industry are also included.

The refrigeration phase of this program includes technical information related to the physics of refrigeration, controls, field installation and serv-

icing.

## PLUMBING

This program for apprentices and tradesmen includes technical information and theory related to the plumbing trade, including mathematics and estimating, blueprint reading and drawing, plan reading and specifications for the plumbing trade, plumbing materials, venting, organization of the industry.

## SHEET METAL

Related training for sheet metal workers includes mathematics for sheet metal workers, geometrical drawings, practical projection, pattern development, ventilation layout, parallel line layout, radial lines, triangulation and short methods; tools, machines and materials used in sheet metal work; theory of sheet metal welding.

## TILESETTING

Open to apprentice and journeyman tilesetters, this course provides instruction in mathematics, blueprint reading, materials, tools of the trade, safety, estimating, trade practices, layout and trade technology. This is a three-year course that parallels the apprentice's on-the-job training for journeyman status.

#### WELDING

The courses consist of related information and correlated shop practice. Basic programs take up theory and related information necessary to carry out a shop program consisting of practice in welding all types of joints in all positions with coated all-position electrodes on mild steel plates, and oxy-acetylene welding. Advanced work involves review of basic work, theory and related information as well as demonstrations and practice.

A special fee of \$7.50 per quarter is charged all students for welding supplies and material furnished by the school. It is also necessary for welding students to provide themselves with specified items of equipment.

#### OTHER CLASSES

Classes may be initiated at any time during the school year. Whenever the needs of industry assure a continuous enrollment of ten or more students, a class will be organized to fulfill the need.

# OCCUPATIONAL EXTENSION COURSES

Occupational extension courses provide journeymen and apprentices an opportunity to upgrade skills and knowledge in their trades. As the techniques and processes of industry undergo constant refinement and improvements, there arises a constant need for skilled workers to refresh and extend their knowledge. Occupational extension courses are intended to assist the skilled workers in remaining abreast of new developments.

## **AUTO MECHANICS**

Transportation is one of the largest and most vital industries in the world today. Accordingly, it requires a constant program for the preparation and upgrading of skilled mechanics. Evening courses in Auto Mechanics will be offered in the following areas: automotive electricity, automotive engines, automotive drive units and automotive fuel systems. These courses are primarily lecture-demonstration.

## BLUEPRINT READING

Blueprint reading is a necessary skill in many of the occupations. It is one of the primary tools of communicating ideas in industry. Courses in blueprint reading are designed to provide a foundation for workers to be able to understand and carry out instructions which they receive through the medium of blueprints. These classes deal with blueprint reading for the construction, mechanical, manufacturing and electrical trades.

### **BUSINESS PRACTICE**

Instruction in the business program is designed to assist those people who are employed to develop office skills which will enable them to advance on the job. The applicant may select any of the four classes conducted in this program — Typewriting; Refresher shorthand; Office machines; Office practice and bookkeeping.

## CARPENTRY AND CABINETMAKING

The objective of this course is to develop skill on the part of the student in the fundamental operations of carpentry and woodworking, using both hand and machine tools. The course includes background in general carpentry construction as well as interior finish and cabinet building.

#### COMMERCIAL ART

This course covers all fundamentals including shading, perspective, lettering, layout, line drawing, design, color harmony and portraiture.

The student is taught to create figures for advertising copy, and how to illustrate for posters, magazines and newspapers. A special feature is a course in fashion drawing.

#### DRAFTING — ARCHITECTURAL

The Architectural Drafting course includes mathematics, trade theory, working drawing, detailing, design, three-dimensional sketching, perspective and isometric drawing, descriptive geometry, and drafting room practice.

## DRAFTING — MECHANICAL

The Mechanical Drafting course includes mathematics, trade theory, working drawing, detailing, design, three-dimensional sketching, perspective and isometric drawing, descriptive geometry, and drafting room practice with particular reference to drawing as required in the machine trades.

## **ELECTRICITY — BASIC**

Basic electricity enters into the performance of a great variety of jobs. This course is designed to provide students with a basic understanding of the laws and behavior of electricity.

# ELECTRONIC TECHNOLOGY

The ever-increasing use of electronic equipment and controls in industry has created a demand for trained servicemen and workers. Courses in this department will be offered in the following unit areas: Electronic calibration, transistor fundamentals, and transistor circuits. Each unit is covered in one quarter of work which consists of both lecture and associated laboratory work.

#### MACHINE SHOP

This course for apprentices and tradesmen includes the technical information and theory related to machinists' on-the-job operations, blueprint reading and drawing, mathematics, safety, machine shop tools, machinery toolmaking applications, heat treatment of steels, layout and fabrication, general machine shop theory and science.

### MATHEMATICS — ELECTRONICS AND ELECTRICITY

This course is designed for students in the fields of electricity and electronics who need to approach the mathematics specifically used in the fields.

#### MATHEMATICS — INDUSTRIAL

All of the trades and industries have need of basic mathematics. This course is designed to approach the problems found in industry. Special attention can be given to individual problems as they arise. The student can proceed as fast as he desires.

### METAL LAYOUT FOR FABRICATORS

A course designed to help people in fabrication and maintenance work who need basic information on layout problems. These problems will be presented in terms of the mathematics, drawing, and pattern development needed in the fabrication of various types of materials.

## NURSING PHARMACOLOGY

Nursing Pharmacology is a course open to licensed practical nurses who have graduated from an approved school of practical nursing, achieved highly on a basic arithmetic test, and have been competent and reliable practitioners of practical nursing. The program of instruction consists of the following:

- Arithmetic, weights, and measures commonly used in the administration of medicines.
- Physiological, toxicological, and therapeutic actions of drugs, amounts of dosage, and methods of administration.
- 3. Supervised clinical practice.

## OFFSET PRINTING

Classes for those working in offices, letter shops, and production shops. The course includes theory of offset printing, plate making, layout, stripping, opaquing, and operation of various offset presses.

#### UPHOLSTERING

Instruction for the upholstering trade includes design of furniture, construction of frames, remodeling furniture, fabrics — their identification and uses, wood finishing, power sewing, slip cover fabrication, mathematics and safety practices.

#### WELDING

This course consists of related information and correlated shop practice. Basic programs take up theory and related information necessary to carry out a shop program consisting of practice in welding all types of joints in all positions with coated all-position electrodes on mild steel plates, and oxy-acetylene welding. Advanced work involves review of basic work, theory and related information as well as demonstrations and limited practice.

A special fee of \$7.50 per quarter is charged all students for welding supplies and material furnished by the school. It is also necessary for welding students to provide themselves with specific items of equipment.

### WELDING - INERT GAS ARC

The Inert Gas Are Welding class provides students first with instruction in the techniques used in this type of welding and second with practice in the inert gas are process. Applicants are carefully selected before admission on the basis of welding experience and performance tests. The high cost of operating this class necessitates a special shop fee, \$45,00 per quarter.

## WIRE PREPARATION

The Wire Preparation class teaches the student to recognize color codes used in electrical wiring, gives practice in soldering and wiring in accordance with electrical diagrams and drawings. This class has particular application in the electronic manufacturing industry and is scheduled as requested by individual industries.

# SUPERVISORY TRAINING

Salt Lake Trade Technical Institute, in cooperation with business and industry, offers specific supervisory training courses designed to improve the skills of managers, supervisors and foremen. Each class is designed to give specific information on new techniques, developments and improved methods in dealing with the complex problems of supervision and management. The time and length of each course is arranged on an individual class basis.

#### PROBLEMS OF HANDLING PEOPLE

Training for leadership in industry and business is provided through an objective study of the most outstanding problems in human relations. Such problems as building confidence, handling grievances, getting cooperation and developing desirable attitudes are discussed in these conferences. This course consists of ten conferences of two hours each.

#### THE SUPERVISOR AS AN INSTRUCTOR

This series of six two-hour conferences covers such instructional problems as the principles of learning, methods and techniques of instruction, use of instructional aids, occupational and job analysis, the preparation of lesson plans and the scheduling of training time.

#### COMMUNICATION IN INDUSTRY

Getting information up, down, and across the lines of organization clearly and effectively, either orally or in writing, is the principal concern of this series of eight two-hour conferences. Communication between the business and the public is also a matter of investigation.

#### ORGANIZATION AND MANAGEMENT

The basic principles of sound management are studied, with particular regard to the following functions of business management: planning, motivating, organizing, directing and controlling. The effective use of time and the development of an efficient production team are also stressed. This series is comprised of six conferences of two hours each.

## THE SUPERVISOR'S PART IN SAFETY

This series of six two-hour conferences is concerned with developing the supervisor's interest and knowledge of good safety practices within the industrial plant or business. Various techniques of increasing the workers' participation and interest in safety programs are emphasized.

# IMPROVEMENT IN JOB METHODS

This six-session course teaches the application of scientific procedures to job simplification, how to analyze a job for improvement through the use of process charts, how to apply the principles of motion study, how to apply the five-step procedure for improving job methods, and how to prepare and present a new method.

## PHYSICAL PLANT OPERATION AND MAINTENANCE

This course is designed to assist those who operate and maintain office buildings, industrial plants, hospitals, churches, schools and similar institutions to obtain maximum results from the facilities provided. The entire course consists of nine divisions of ten sessions or twenty hours each. Each division presents in detail a particular phase of custodial work and is a complete course in itself.

Division A covers organization and administration, custodian relationships with others, the use of special equipment and tools, supplies, work schedules, inspections, records, and health and safety practices.

Division B deals with all the various problems of cleaning and sanitation.

Division C is concerned with the details of floor care.

Division D is devoted to proper maintenance of grounds.

Divisions E and F combined concentrate on the problems of heating and ventilating.

Divisions G, H, and I present the methods, materials, skills and equipment used in general maintenance and in making plant repairs and replacements of all kinds.

## EFFECTIVE READING

The purpose of this course of eight sessions is to improve both the speed and the comprehension of those whose daily work requires a considerable volume and variety of reading. The presentation of underlying principles will be followed by practical application.

# REQUEST FOR ENTRANCE APPLICATION

Prospective Students: Please complete the following and mail to Salt Lake Trade Technical Institute, 431 South Sixth East, Salt Lake City, Utah.

|              |   | Date:                          |              |
|--------------|---|--------------------------------|--------------|
| 1. Course:   |   |                                |              |
|              | □ Day                                   | ☐ Evening                      |              |
| 2. Date to   | begin:                                  |                                | ************ |
| Name:        | *************************************** |                                |              |
| Address:     |   |                                |              |
| Date of bir  | th:                                     |                                |              |
| Please indic | ate any further informa                 | tion you would like about Trac | le Tech:     |





