PART VI

Area Vocational Technical School

DIRECTOR: CHARLES R. ROSTRON, M.S.C.E.

FACULTY

OBJECTIVES

ADMISSION REQUIREMENTS

VOCATIONAL TWO-YEAR PROGRAMS

TECHNICAL TWO-YEAR PROGRAMS

DISTRIBUTIVE EDUCATION TWO-YEAR PROGRAMS

ONE-YEAR VOCATIONAL-TECHNICAL PROGRAMS
Vocational Counselor: Mr. Schroeder
Adult Basic Education: Mrs. Showmaker
Auto Body: Mr. Curtis
Auto Mechanics: Mr. Fleshman, Mr. Fuerher
Computer Programming: Mr. Severance
Dental Assisting: Dr. Leavitt, Mrs. MacInnis, Dr. Minas, Dr. Moore
Drafting Technology: Mr. Van Liew, Mr. Weston
Electronics: Mr. Cofield, Mr. Sieber
Horticulture: Mr. Oyler
Machine Shop: Mr. Baggerly
Mid-Management: Mr. Knowlton, Mrs. Lemmon, Mr. Scudder
Office Machine Repair: Mr. Harris, Mr. Millard
Practical Nursing: Mrs. Chaffee, Mrs. Flaherty
Related Instruction: Mr. Krigbaum, Mr. Severance, Mr. Tennyson, Mr. Tompkins
Welding: Mr. Buchanan, Mr. Ogden

Objectives of Vocational Education:
To provide the opportunity for state and local citizens to acquire the education necessary:
(a) To become employed, to succeed, and to progress in a vocational-technical field.
(b) To meet the present and anticipated needs of the local, state, and national economy for vocational-technical employees.
(c) To become contributing members of the social, civic and industrial community.

Admission Requirements:
Application materials may be obtained from the Director of Admissions Office, Boise State College.
(a) Application for Admission: Fill out an Application for Admission Form. Once completed, the application should be returned to the Admission’s Office.
(b) Educational background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent to the institution (s) directly to the Director of Admissions.
(c) Reference: A minimum of one reference must be submitted by school authorities, employers, or interested persons. No relatives accepted.
(d) Aptitude Test: Contact the nearest local office of the Department of Employment or Youth Opportunity Center and request a General Aptitude Test Battery to be taken for the Vocational-Technical Division of Boise State College. Request that the office send the results to the local office of the Department of Employment, or directly to the Vocational-Technical Division, Boise State College, Boise, Idaho 83707.
(e) Photos: Two (2) copies of recent photos of yourself—billfold size (2”x3”) on the back of which please sign your name.
(f) Physical Examination: Report from your local physician on college form supplied with the application materials.
(g) Personal Interview: Upon furnishing the above data, a notice will be sent to you to arrange for a personal interview.
(h) High school graduation is recommended but is not required to enter a vocational or technical program, provided one has been out of high school one complete semester.
HO HORTICULTURE SERVICE TECHNICIAN — CURRICULUM
(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and florist industries. This includes both the production, sales and service areas of these major fields. The training stresses the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields. Credits in this course of study are not counted towards an academic degree.

Freshman Year:
Subject | Course No. and Title | Credits | Credits
--- | --- | --- | ---
| HO 101-102 Horticulture Laboratory | 5 | 5 |
| HO 111-112 Communication Skills | 3 | 3 |
| HO 131-132 Related Basic Mathematics | 3 | 3 |
| HO 141-142 Related Basic Science | 2 | 2 |
| HO 151-152 Related Basic Theory | 5 | 5 |

Sophomore Year:

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<tr>
<th>Course No. and Title</th>
<th>Credits</th>
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<tr>
<td>HO 201-202 Horticulture Laboratory</td>
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<tr>
<td>HO 241-242 Related Science</td>
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<td>HO 251-252 Horticulture Theory</td>
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<td>HO 262 Industrial Psychology</td>
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<td>HO 271 Individual Project</td>
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<td>MM 213 Credits and Collections</td>
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HO HORTICULTURE SERVICE TECHNICIAN — Courses

101 Horticulture Laboratory 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application to include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climatic and other factors limiting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include methods of plant propagation; construction of growing containers and houses; arrangement and implementation of entire greenhouse operation; the use of insecticides, pesticides, etc. and precautions necessary during use. Prerequisite: Horticulture Laboratory HO-101.

111-112 Communication Skills 3 credits
This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week.
131-132 Related Basic Mathematics 3 credits
First semester—developing comprehension of the basic principles of mathematics. Specific areas include: addition, subtraction, multiplication, division, fractions, percentage, denominate numbers, square root, mensuration. Second semester—developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered to include: income and expense accounts, general journal and ledger, sales and purchases, inventories, pay-roll income taxes, etc. Three clock hours per week.

141-142 Related Basic Science 2 credits
First semester—developing comprehension of the scientific principles utilized in: (1) plant identification, (2) plant growth and development, (3) limiting factors, (4) soils. Second semester—developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides. Two clock hours per week.

151-152 Horticulture 5 credits
First semester—developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classifications and growth, (3) climate and other growth limiting factors, (4) soil and soil amendments. Second semester—developing comprehension, analysis, and evaluation of the following: plant propagation (sexual); growing containers; insect and disease control. Seven clock hours per week.

201 Horticulture Laboratory 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing of landscape drawings, making concrete, block, brick, stone, and wood structures, growing greenhouse crops, welding structures, and basic first aid. 15 clock hours per week.

202 Horticultural Laboratory 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include maintenance and operation of power equipment, establishment and maintenance of lawns, shrubs and trees, prevention and treatment of plant wounds. 15 clock hours per week.

241 Related Science 2 credits
Developing comprehension of the scientific principles utilized in: (1) plant growing and; (2) materials of construction.

242 Related Science 2 credits
Developing comprehension of the scientific principles utilized in: (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory 5 credits
Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing, i.e. greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops; (4) first aid. Seven clock hours per week.

252 Horticulture Theory 4 credits
Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture i.e. mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc.; (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds. Seven clock hours per week.

262 Industrial Psychology 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

271 Individual Project 3 credits
Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticultural project.
Vocational-Technical

OM OFFICE MACHINE REPAIR — CURRICULUM

The course and outline in Office Machine Repair has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. Students desiring fundamental preparation for entering the electronic calculator repair field should take courses indicated in the curriculum shown below. This is a two-year course and credits are not counted toward an academic degree.

Freshman Year:

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<th>Subject</th>
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<td>OM-131-132</td>
<td>Related Basic Mathematics</td>
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<td>OM-141-142</td>
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<td>*OM-143-144</td>
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<tr>
<td>OM-151-152</td>
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Sophomore Year:

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<th>Subject</th>
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<td>OM-201-202</td>
<td>Advanced Office Machine Repair Laboratory</td>
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<td>OM-231-232</td>
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<td>OM-241-242</td>
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<td>*OM-243-244</td>
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<td>OM-251-252</td>
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<tr>
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<td>Retail Selling</td>
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OM OFFICE MACHINE REPAIR — Courses

101-102 Office Machine Repair Laboratory

First semester—The student is issued standard typewriters to be completely disassembled and reassembled. All adjustments are taught as well as the proper use of hand tools. Instructions are given on the process of chemical cleaning, oiling and refinishing of platens; preparing work orders and other clerical work required of a repairman. Second semester—The student is issued electric typewriters to be completely disassembled and reassembled. All adjustments are taught regarding the electric features of the machine. Special emphasis is placed on maintenance and cleaning of electric motors and the wiring schematic of the machine. The use of power tools and shop equipment is taught during this semester. 15 clock hours per week.

111-112 Communication Skills

This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking, and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week.

* Required by students electing the Electronic Calculating Machine Repair Option.
131-132 Related Basic Mathematics  
First semester—Basic review of ordinary business arithmetic problems including addition, multiplication, division, fractions, decimals, square areas and volumes. Second semester—Advanced business arithmetic problems including mixed numbers, positive and negative numbers, percentages, and related geometry. Three clock hours per week.

141-142 Related Basic Science  
First semester—The course is intended to develop the student’s knowledge of basic related principles and includes the study of force, weight, friction, motion, power, energy and simple machines. Second semester—the student gains a knowledge of heat, electricity and its uses, magnetism, resistance and controls. Special instructions are given on safety precautions in the use of electricity. Four clock hours per week.

143-144 Related Electronics  

151-152 Related Basic Theory  
Study of mechanical theory of each machine being taught. Regulation factory manuals for office machines are used and the student is taught to read and understand the machancial drawings, as well as the printed descriptions accompanying them. Five clock hours per week.

201-202 Office Machine Repair Laboratory  
First semester—The student is issued adding machines to be completely disassembled and reassembled. All adjustments are taught as well as the use of special adding machine tools. Refinishing outside cases and the application of special paints is taught during this semester. Second semester—Each student is issued a calculating machine to be completely disassembled and reassembled. All adjustments are taught. An introduction is given to the numerous mechanical methods used in machine calculations covering basic principles. Fifteen clock hours per week. Prerequisite: Office Machine Repair Laboratory OM-102.

231-232 Related Advanced Mathematics  
First semester—Special emphasis is placed on analyzing machine errors on the printed tape and associating them with faulty or maladjusted parts. Calculating machine operations are studied. All basic business problems are taught as well as short-cut methods for figuring interest, percentages, discounts, fractions, and other special problems. Second semester—Fundamentals of bookkeeping. Three clock hours per week. Prerequisite: Related Basic Mathematics OM-132.

241-242 Related Advanced Science  
First semester—Study of electric motors, resistors, capacitors, chokes, and simple electronic schematics. Second semester—Study of vacuum tubes, transformers, relays and amplifiers. Five clock hours per week first semester and four clock hours per week. Prerequisite: Related Basic Science OM-142.

243-244 Advanced Related Electronics  
First semester—A continuation of 143 and 144. Introduction to vacuum tubes and transistors. Qualitative testing of transistors. Transistor amplifier circuits. Logic circuits using transistors (flip flop gates). Five clock hours per week. Second semester—Memory systems using transistors and ferrite cores, digital adder circuits, registers, digital processing circuits (shift registers) encoder and decoder circuits. Prerequisite: OM-143-144. Four clock hours per week.
251-252 Related Advanced Theory 3-3 credits
First semester—Study of mechanical theory of each machine being taught. Regulation factory manuals for adding machines are used. Special emphasis is placed on the mechanical principles which cause the adding machine to add, subtract, repeat, non-add and non-print, carry-over and credit balance. Second semester—Regulation factory manuals for calculating machines are used. The numerous mechanical methods of machine calculations are studied during this semester with special emphasis being placed on positive and negative multiplications, positive and negative division, automatic multiplication, accumulation, squaring and short-cut methods. Five clock hours per week each semester. Prerequisite: Related Basic Theory OM-152.

262 Industrial Psychology 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

TECHNICAL
Two Year Programs

DT  DRAFTING TECHNOLOGY — CURRICULUM

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architectural firms with a technician well-trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting Technology curriculum is open to both male and female students.

Subject — Freshman Year:
Course No. and Title  Credits
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<th>Course No. and Title</th>
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<th>Spring</th>
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<tr>
<td>DT-101-102 Drafting Laboratory and Lecture</td>
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<td>DT-111-112 Communication Skills</td>
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<tr>
<td>DT-121 Slide Rule</td>
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<td>DT-122 Surveying of Measurements</td>
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<tr>
<td>DT-131-132 Mathematics</td>
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<tr>
<td>DT-141-142 Applied Physics</td>
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<td>DT-151 Design Orientation</td>
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Credits

Sophomore Year:
Course No. and Title  Credits
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<th>Course No. and Title</th>
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<th>Spring</th>
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<tr>
<td>DT-201-202 Drafting Laboratory and Lecture</td>
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<tr>
<td>DT-221 Descriptive Geometry and Developments</td>
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<td>DT-222 Technical Report Writing</td>
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<td>DT-231-232 Advanced Mathematics</td>
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<td>DT-241-242 Science</td>
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<td>DT-251 Manufacturing Processes</td>
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<td>DT-252 Introduction to Computer Programming</td>
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<td>DT-261 Special Projects and Reports</td>
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<td>DT-262 Industrial Psychology</td>
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DT DRAFTING TECHNOLOGY — Courses

101-102 Drafting Laboratory and Lecture 4-4 credits
Fall semester—A period of orientation. Instruction in drafting room procedures, care and use of tools and special instruments. Supervision in the special techniques of producing finished detail and assembly drawings from notes and sketches. Emphasis on good lettering, line technique, and freehand sketching. Spring semester—A continuation of DT-101 with special emphasis placed on machine, architectural, piping, electrical, and structural drafting and design. Fifteen clock hours per week each semester; five hours Lecture and ten hours Laboratory.

111-112 Communication Skills 3-3 credits
This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week each semester.

121 Slide Rule 1 credit
Fall semester—Sufficient mathematical proficiency; multiplication and division with application, proportion, principle, squares, square roots, cubes, cube roots and combined operations. Two clock hours per week.

122 Surveying and Measurements 3 credits
Spring semester—Beginning course designed for students with little or no training in surveying. It combines lectures, laboratory and field work in theory methods, equipment and problems involved in surveying and measurements and their application. Four clock hours per week. Prerequisite: DT-131.

131-132 Mathematics 3-3 credits
Fall semester—Fundamentals of basic mathematics, algebraic computations, practical plans and solid geometry and their application to problems likely to be encountered by the draftsman. Spring semester—Basic trigonometric functions, right triangles, oblique triangles and vectors. The course is closely integrated with the topics studied in science and drafting. Prerequisite: DT-131. Four clock hours per week.

141-142 Drafting and Design Applied Physics 3-3 credits
Fall semester—A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids. Spring semester—Course in the basic principles of heat, sound, light electricity and magnetism, correlated with technical mathematics DD-132. Four clock hours per week. Prerequisite: DT-141.

151 Design Orientation 2 credits
Fall semester—A lecture-laboratory course designed to provide an opportunity for the student to apply theory, principles and methods to the solution of problems typical of those to be encountered in practice. Two clock hours per week.

201-202 Advanced Drafting Laboratory and Lecture 4-4 credits
Advanced techniques in drafting, problems on design level in the various fields served by Drafting and Design Technicians. Fifteen clock hours per week. Five hours lecture and ten hours laboratory. Prerequisite: Drafting Lab and Lecture, DT-102, or consent of the instructor.

221 Descriptive Geometry and Development 2 credits
Theory and practice of co-ordinate projection applied to the solution of properties of points, lines, planes and solids, with practical engineering application. Two clock hours per week.

222 Technical Report Writing 2 credits
A course to provide an understanding and practice in the processes involved in technical writing and methods of preparing reports based on problems related to the student’s curriculum. Two clock hours per week.
Vocational-Technical

231-232 Advanced Mathematics 3-3 credits
Advanced algebra, trigonometry and analytical geometry and introduction to calculus with emphasis on their application in design situations. Four clock hours per week each semester. Prerequisite: DT-132 Mathematics or consent of instructor.

241-242 Science 3-3 credits
Fall semester—An introduction to Dynamics which deals with the motion of rigid bodies and with the forces that produce or change their motion. Spring semester—Includes strength and properties of material and basic chemistry. Four clock hours per week each semester. Prerequisite: DT-142 Science or consent of the instructor.

251 Manufacturing Processes 2 credits
An introductory course to provide training and practice in using precision measuring instruments, tools, and accessories used in modern quality production and inspection. Instruction in the selection and use of machine tools, related equipment, and production methods. Three clock hours per week.

252 Introduction to Computer Programming 2 credits
This course is designed to give students the general concepts of problem-oriented computer language, including flow charting, coding, and the writing of FORTRAN IV programs. The Boise State College computer facility will be used with the course. Three clock hours per week.

261 Special Projects and Reports 2 credits
A general survey of the industrial community and the problems, advances and future developments as pertaining to the drafting technician. The application of the draftsman's ability to analyze and solve problems particular to their chosen field of emphasis. Two clock hours per week.

262 Industrial Psychology 2 credits
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

ET ELECTRONICS - CURRICULUM

The Electronics curriculum consists of two main courses of study:
First, the Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in research and development.
Second, the Electronics Maintenance program provides training in practical servicing of electrical and electronic devices. Students may enter such areas as Radio-TV, Broadcast, or Industrial Service.

Credits in these courses of study are not counted toward an academic degree. The Electronics curricula is open to both men and women students.

Freshman Year:

<table>
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<tr>
<td>ET-101-102</td>
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<td>ET-111-112</td>
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<td>ET-131-132</td>
<td>Basic Electronics Math</td>
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Sophomore Year:

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<td>ET-201-202</td>
<td>Advanced Electronics Laboratory</td>
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ET ELECTRONICS TECHNOLOGY — Courses

101 Electronics Laboratory and Lecture
7 credits
Study of basic electricity, color code, test equipment, L.C.R. components, basic vacuum tubes and transistors. Logic circuits as applied to data handling equipment. Ten hours lecture and ten hours laboratory per week.

102 Electronics Laboratory and Lecture
7 credits
A continuation of ET-101, Thevenin's and Norton's equivalents, basic radio receiver and transmitter analysis, and basic transistors, printed circuit design and processing. Prerequisite: Electronics Laboratory and Lecture ET-101. Ten hours of lecture and ten hours laboratory.

111-112 Communication Skills
3-3 credits
This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week.

131-132 Basic Electronics Mathematics
4-4 credits
First semester—Review of basic fundamentals of mathematics, slide rule, algebra, geometry, and basic trigonometry. Second semester—A continuation of first semester, logarithms, slide rule, and an introduction to analytical geometry. Five clock hours per week.

141-142 Electronics Science
2-2 credits
Designed to instruct the student in practice of drawing schematics, develop good electrical engineering lettering techniques, and understanding symbols, dimensions and designs. Second semester deals with engineering graphs, and printed circuit design. Two clock hours per week.

201-202 Advanced Electronics Laboratory
5-5 credits
First semester—Consists of practice on F.M. and T.V. receivers, scopes, pulse network, alignment of T.V. and F.M. circuits, pulse, differentiating and integrating circuits, antenna and transmission lines. Second semester—Industrial electronics, computers, transistors, and a continuation of first semester studies. Prerequisite: Electronics Laboratory and Lecture ET-102. Fifteen clock hours per week.

231-232 Advanced Electronics Mathematics
3-3 credits
The student will be concerned with advanced trigonometry, analytical geometry, and introduction to calculus. Prerequisite: Basic Electronics Mathematics ET-132. Five clock hours per week.

241-242 Advanced Electronics Science
4-4 credits
Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Prerequisite: Electronics Science ET-142. Five clock hours per week.

251-252 Advanced Electronics Theory
2-4 credits
Fall semester—Covers the fundamentals, of broadband amplifiers, pulse network and techniques, pickup devices, deflection circuits, synchronization circuits A.M. and F.M. and T.V. equipment. Spring semester—Covers the theory and design of computers, thyatrons, transistors, servo and synchro principles. Three clock hours per week Fall and Five clock hours per week Spring.

262 Industrial Psychology
2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.
DISTRIBUTIVE EDUCATION TWO-YEAR PROGRAMS

MM FASHION MERCHANDISING—MID-MANAGEMENT CURRICULUM

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<th>First Semester</th>
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<td>Clothing</td>
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<td>Supervision of Personnel</td>
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MM MARKETING—MID-MANAGEMENT—CURRICULUM

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<td>English Composition</td>
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<td>Elements of Management</td>
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<td>Professional Speech Communication</td>
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170  Boise State College

Sophomore Year:  
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<td>Principles of Retailing</td>
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<td>Principles of Economics</td>
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<td>Principles of Accounting</td>
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<td>Business Psychology</td>
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<td>Report Writing</td>
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<td>Supervision of Personnel</td>
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<td>Retail Buying</td>
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<td>Mid-Management Work Experience</td>
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**Course offerings are described on pages 133-134.**

**VOCATIONAL**

**One Year Programs**

**AB AUTO BODY — CURRICULUM**

**11 Month Program**

The Auto Body curriculum is designed to provide the student with the background necessary for employment in a shop repairing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure and finish are covered in this course. Some basic glasswork, frame alignment, and upholstery work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop, and to spend time in the parts and tool room. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

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<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>Fall Credits</th>
<th>Spring Credits</th>
<th>Summer Credits</th>
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<tr>
<td>AB-121-122-123</td>
<td>Auto Body Lab</td>
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<td>AB-141-142-143</td>
<td>Auto Body Theory</td>
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<td>AB-262</td>
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**AB AUTO BODY — Courses**

**121-122-123 Auto Body Laboratory**  
10-10-7 credits  
The purpose of these courses is to develop and give practice in the skills needed by an auto body repairman. Subjects covered include the following: orientation, safety rules, shop house-keeping, oxy-acetelene welding, painting fundamentals, metal working and shrinking, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement. 25 hours laboratory per week.

**141-142-143 Auto Body Theory**  
7-5-5 credits  
This course correlates with the auto body laboratory course. The theory of auto body repair and painting is covered. Mathematics and science necessary for and related to the trade are taught. 10 hours lecture summer and fall, 8 hours lecture spring per week.

**262 Industrial Psychology**  
2 credits  
This course is designed to develop those human relationship skills the students will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.
AM AUTO MECHANICS CURRICULUM

11 Month Program

The modern developments in our enormous automotive industry demand the employment of highly skilled mechanics and well-trained in maintenance and repair techniques. This course provides the basic background and experience necessary for employment in the automotive mechanics field and allied vocations. Credit in this course of study are not counted toward an academic degree.

Subject
Course No. and Title Fall Credits Spring Summer
AM-101-102-103 Automotive Laboratory 10 10 7
AM-151-152-153 Automotive Theory 7 5 5
AM-262 Industrial Psychology 2

17 17 12

AM AUTO MECHANICS — Courses

101 - 102 - 103 Automotive Laboratory 10-10-7 Credits
The student first studies the function and repair of components of the automobile, which is followed by the study of automotive systems through the use of mock ups including cars partially cut away for easy access. Live work will be performed on automobiles during the spring semester. Shop safety, cleanliness, and management is covered. 25 hours laboratory per week.

151 - 152 - 153 Automotive Theory 7-5-5 Credits
This course correlates with the automotive laboratory course. The theory of the design, construction, maintenance, and repair of the entire automobile and all of its components and systems are studied in detail. Necessary mathematics and science related to the automotive trade are covered. 10 hours lecture summer and fall, 8 hours lecture spring per week.

262 Industrial Psychology 2 Credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

CP COMPUTER PROGRAMMER TRAINEE CURRICULUM

11 Month Program

This curriculum is a program of study and experience in Computer Programming. The graduate of this program of study will be eligible for employment as a Computer Programmer Trainee in business, industry, or government. In such a job, the graduate works under immediate supervision and in a training situation, develops and writes programs in symbolic language for electronic computer processing. He or she learns to design flow charts and diagrams indicating mathematical computations and the sequence of machine operations.

Entrance Requirements: High school diploma or equivalency certificate, (to include one year of high school level mathematics), acceptable grades on the A.C.T. Test or G.A.T.B., personal interview and aptitude testing.

Subject
Course No. and Title Fall Credits Spring Summer
CP - 101 Data Processing Fundamentals 3
CP - 111 Programming Fundamentals and Lab. 2
CP - 121 Computer Systems and Lab. 2
CP - 142 Computer Programming—RPG 3
CP - 152 Computer Programming—COBOL 3
CP - 162 Computer Programming—FORTRAN 3
CP - 173 Computer Programming—ASSEMBLERS 4
152 Computer Systems and Lab 2 Credits
This course describes the functional characteristics and general principles of operation of modern computers. Topics include central processing unit; program execution; programming systems; input/output channels; control units and devices; magnetic tape concepts; direct access storage concepts; multi-programming, multi-processing and tele-processing. Eight clock hours per week.

131-132 Mathematics for Data Processing 3-3 Credits
The principles presented in this course will be applied in computer programming and will include basic algebra, number systems, logarithms, linear equations, fixed and floating point numbers, Boolean algebra and logic. Three clock hours per week.

142 Computer Programming—RPG 3 Credits
The student will write specifications for jobs using card, tape or disk input files and stored tables to produce printed reports, punched cards, tape and/or disk output files using the Report Program Generator Programming System. Eight clock hours per week.

152 Computer Programming—COBOL 3 Credits
The student will compose complete COBOL programs working from system and program flowcharts. He will determine what results will be obtained when data moving, editing, arithmetic and logical operations are executed; write efficient procedural entries; and construct program switches, subroutine linkage, loop control and data tables. Eight clock hours per week.

162 Computer Programming—FORTRAN IV 3 Credits
The student will learn to express, in FORTRAN, algebraic statements containing arithmetic functions and exponentiation, problem logic and input/output record descriptions. Eight clock hours per week.

173 Computer Programming—ASSEMBLERS 4 Credits
The student will code, utilizing efficient coding techniques, problems in assembler language using standard and decimal instructions, and debug them using the program listing and other aids. Twenty clock hours per week.

183 Computer Programming (OPERATING SYSTEMS) 2 Credits
The student will learn the general organization of operating systems; data management, system control and system service functions; and be able to encode the instructions necessary to implement these functions and facilities. Ten clock hours per week.

*May be waived upon proof of proficiency by examination.
262 Industrial Psychology 2 Credits

This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

**DA DENTAL ASSISTANT CURRICULUM**

**9 Month Program**

The Dental Assisting Program consists of Dental Assistant Theory and Dental Laboratory. This course of study consists of those subjects deemed most important for qualified dental assistants. The Dental Advisory Board continues to work with Boise State College in planning and promoting a program that will be acceptable to the American Dental Assistant Association.

Entrance Requirements: High School Diploma or Equivalency Certificate, acceptable grades on the G.A.T.B., personal interview and aptitude testing. The dental assistant courses are taught by dentists and a dental assistant instructor.

This is an accredited program by the Council of Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>Credits</th>
<th>Fall</th>
<th>Spring</th>
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<tr>
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<td>DA - 101-102</td>
<td>Dental Laboratory</td>
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<td>DA - 111-112</td>
<td>Communication Skills</td>
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<td>DA - 151-152</td>
<td>Dental Theory</td>
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<td>Industrial Psychology</td>
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<td>MM - 213</td>
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<td>SP - 111</td>
<td>Fundamentals of Speech</td>
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<td>PE - 121</td>
<td>Personal and Public Health</td>
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**DA DENTAL ASSISTING — Courses**

**101-102 Dental Laboratory** 5-5 Credits

Practical clinical and laboratory training in the field of dental assisting. This course includes training in actual office experience under the direct guidance of licensed dentists in the Boise-Nampa area. The course is taken in conjunction with DA-151 and DA-152. Included in the training is: chairside assisting; charting dental x-ray and developing; pouring of models and preparing base plates; some wax carving of inlay patterns and gold casting; care and use of equipment; and sterilizing and care of all instruments. 16 clock hours per week.

**111-112 Communication Skills** 3-3 Credits

This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week.

**151-152 Dental Theory** 4-3 Credits

A comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time pertaining to: chairside assisting, receiving patients, and patient education; dental office management, bookkeeping, recall systems, appointment book, dental supplies and records; dental anatomy; sterilization; dental x-ray; oral surgery, periodontia and nutrition; oral hygiene, pedodontia and orthodontia; equipment and instruments. Seven and six clock hours per week, fall and spring respectively.
262 Industrial Psychology  
2 Credits
An analysis of human types and behavior of concern to the student and problems peculiar to dentistry; securing a position, dealing with child and adult patients, engaging in business and in service capacity, managing an office, and developing the professional image of the dental assistant. Selected problem situations are simulated, enacted, discussed and solved practically through group interaction. Two clock hours per week.

**MS MACHINE SHOP CURRICULUM**

**11 Month Program**
The machinist's craft is basic to all of America's manufacturing industry. Machinists must interpret engineering drawings in producing machines needed by industry. Becoming a good machinist can lead to becoming tool and die makers. This course will provide the basic skills needed by the student. A large machine shop furnishes the tools and machines required. Learning and gaining experience is necessary to get started in the machinist trade. Related instruction in mathematics, science and work with blueprints is included in the course of study. Credits in this course of study are not counted toward an academic degree.

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<th>Spring</th>
<th>Summer</th>
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<td>MS - 151 - 152 - 153 Machine Shop Theory</td>
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<td>MS - 262 Industrial Psychology</td>
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**MS MACHINE SHOP — Courses**

121 - 122 - 123 Machine Shop Laboratory  
10-10-7 Credits
This course includes the principles and operation of basic machine tools including lathes, milling machines, planers, shapers, drill presses, surface grinders and tool and curve grinders. Bench work, set ups, fundamental welding, heat treating, and shop safety is also taught. Development of skills in setting up and operation of machine tools is of primary importance. 25 hours laboratory per week.

151 - 152 - 153 Machine Shop Theory  
7-5-5 Credits
This course is meant to teach the theoretical aspects of machining processes. Properties of materials and alloys are studied along with the use of coolants, lubricants, and cutting oils are studied. Fundamental mathematics including machine shop related geometry and trigonometry as well as scientific principles required in the machinist trade are included. Blueprint reading and sketching is also studied. 10 hours lecture summer and fall, 8 hours lecture spring per week.

262 Industrial Psychology  
2 Credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

**PN *PRACTICAL NURSING PROGRAM**

**12 Month Program**
The practical nursing program, in cooperation with three hospitals, a nursing home, the Idaho State School and Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital nursing experiences and classroom instruction. A diploma is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them as Licensed Practical Nurses.

*Conforms to the minimum standards as set up by the U.S. Dept. of Labor, Bureau of Apprenticeship.*
Admission:

Entrance requirements: High school graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and the P.A.C.E., which are given by the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. The Practical Nursing Advisory Committee recommends to the director candidates for the program after a personal interview. They also recommend dismissal of students not performing in a satisfactory manner.

Classroom work consists of 600 hours of theory in the needs of humans in health and in sickness, with emphasis on the practical nurse's part in meeting these needs.

Clinical experience consists of 1200 hours of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, new mothers and infants. Students are taken on field trips to specific health agencies in the community.

WL BASIC WELDING – CURRICULUM
9 Month Program

Wherever metal is to be joined, welders are employed: structural fabrications, pipe line laying, building construction, plumbing, heavy and farm equipment manufacturing, highway construction, equipment and plant maintenance, are only a few. The basic welding course is designed to train men qualified and capable of accurate quality production welding presently used in industry. Theoretical and practical training in welding of metals and alloys with manual and automatic equipment is given. Techniques and processes currently used by industry are taught. Credits in this course of study are not counted toward an academic degree.

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<td>WL - 141 - 142 Welding Theory</td>
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<td>WL - 262 Industrial Psychology</td>
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**WL WELDING – Courses**

121 - 122 Welding Laboratory 10 - 10 Credits

The purpose of this course includes the teaching of the following: Proper use of oxy-acetylene equipment, burning plates, structural shapes, and pipe by manual and automatic methods. Oxy-acetylene welding of mild steel sheet and small size pipe in all positions as well as brazing, soldering, and cast iron welding. Basic arc welding using mild steel, and alloy steel electrodes in single pass and multiple pass fillet welds, and groove welds in all positions. Continuous wire feed welding processes, flux cored wire, inert gas shielded and submerged arc on all common commercial metals. Tungsten inert gas (Heli-arc) welding of mild steel, stainless steel and aluminum sheet and pipe. Structural fitting, layout and welding of appropriate projects. 25 clock hours per week each semester.

141 - 142 Welding Theory 7 - 5 Credits

This course provides the knowledge necessary to the welding student to understand the welding processes and their application as learned in the laboratory course. The following topics are studied: Shop safety, the use of needed power tools and the safe handling and rigging of materials. The theory behind the techniques used in burning, welding, and brazing with oxy-acetylene equipment. A study of arc welding mild and alloy steels in all positions. Welding rod use, classification, and selection for every purpose is considered. 10 and 8 clock hours fall and spring respectively.

*Contact Director of Vocational Technical Division, Boise State College, Boise, Idaho 83707, for further information and application forms.
Continuous wire feed heli-arc and other late developments in the welding industry are studied with particular emphasis on production situations. Standard welding symbols, applied mathematics, blueprint reading and practical geometrical layouts used by the trade. 10 and 8 clock hours in the fall and spring respectively.

262 Industrial Psychology

This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

EMPLOYMENT ORIENTATION

Employment Orientation is a joint effort under the direction of the Boise Local Office of the State Department of Employment and the Vocational Technical Division of Boise State College. This program is funded through the Manpower Development and Training Act.

It is for adults and youths residing in the Boise area. The people who are referred to this program lack the basic knowledge and skills necessary for employment or referral to training for a career.

The general objective of this project is to provide the trainees communication skills and employment orientation necessary to bring them up to an educational achievement level where they may be competitive for further training or entry into current or estimated future labor markets of the area.

The course work is taught on an individual basis. Therefore, trainees may be referred into the class or achieve their goals at any time. The ultimate objective of each trainee is for stability and successful entrance into a meaningful occupation. The duration of an individual's training time is twenty weeks, but may be extended. Eight hours per day are expected to be spent in training, six hours of which are spent in formal classroom situation.

Admission requirements: must be referred by the Boise Local Office of the Department of Employment.

VOCATIONAL TRAINING CENTER

Boise State College in cooperation with the State Board for Vocational Education, Department of Employment, and the Idaho State Penitentiary is conducting a pilot Manpower Development and Training Act correctional institutional training program. Programs offered are: Chef Training, Appliance Repair, and Farm Equipment Operators.

Food preparation and service is an important phase of Chef Training as is sanitation, food buying, planning of menus, utilization of storage, and record keeping.

The Appliance Repair Course includes a study of basic electricity, servicing of each of the electric and gas appliances. Related mathematics and English provide the students with the necessary skill and knowledge to communicate with customers, employers, and the public. Salesmanship and human relations round out the training schedule.

Farm Equipment Operators are given instruction in preventative maintenance, servicing, and operation of all the equipment required to successfully do farming functions. Welding, mechanics, and over-all repair and trouble shooting is a requisite of farm operation. Knowledge of safe practices, operation, and maintenance of farm equipment is an important part of the program.

Students are given a certificate upon satisfactory completion of the program.

PRE- VOCATIONAL TRAINING

Pre-vocational education for vocational students or adults who have not completed high school is offered through the Vocational Technical Division. The courses include adult basic education, preparation for the high school equivalency certificate, adult guided studies, and approved high school courses in American Government, Mathematics, English, Social Studies and Natural Science. Classes are determined according to individual needs of the students.
Classes are approved by the State of Idaho and for veterans qualifying under Chapter 34, Title 38, U.S.C. (Var 14253 A2).

A special guided studies program for adults has been developed to help upgrade skills, to help adults prepare for better jobs and to prepare for or further vocational training.

**PATROLMAN (Government Service)**

Under the Manpower Development Training Act this course is carried on at the Mountain Home Air Force Base. It is limited to servicemen about to be discharged. Selection of students is made by the Department of Employment.

Instruction is conducted by persons trained in police work. The basic fundamentals of police duties and functions are covered by the course.

**APPRENTICESHIP AND TRADE EXTENSION**

Through cooperative arrangements with the State Board for Vocational Education, Boise State College Vocational Technical Division sponsors a wide range of trade extension training for beginning, apprentice and journeyman workers. Such courses are designed to meet the specific needs of industry, labor, agriculture, and government. Classes usually meet in the evening. Flexibility of scheduling, content, place of meeting is maintained in order to meet the growing educational needs of the community. Typically, though not invariably, such courses provide related technical training for those workmen receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotives, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State College Division of Vocational-Technical Education.
# Boise State College

## Full-Time Faculty

(The date in parentheses is the time of first appointment)

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roger H. Allen</td>
<td>Assistant Professor of Business Administration</td>
<td>AA., Boise Junior College; B.S., University of Nevada; M.B.A. Northwestern University.</td>
</tr>
<tr>
<td>Thelma F. Allison</td>
<td>Associate Professor of Home Economics</td>
<td>B.S. (H.Ec.), Utah State Agricultural College; University of Utah, Brigham Young University; M.S. (H.Ec.Ed.), Utah State Agricultural College; Carbon College; Oregon State University; Arizona State University.</td>
</tr>
<tr>
<td>Jane L. Anderson</td>
<td>Assistant Professor of Physical Education</td>
<td>B.S., (M.H.P.E.R.) North Texas State University; University of Idaho.</td>
</tr>
<tr>
<td>Phoebe-L. Armstrong</td>
<td>Assistant Professor of History</td>
<td>B.S., M.S., Drake University.</td>
</tr>
<tr>
<td>William A. Babcock</td>
<td>Instructor in History</td>
<td>B.A., M.A., University of Oregon.</td>
</tr>
<tr>
<td>Steven F. Baggerly</td>
<td>Instructor in Machine Shop</td>
<td>Diploma, Boise Junior College.</td>
</tr>
<tr>
<td>Charles Baker</td>
<td>Assistant Professor of Biology</td>
<td>B.S., M.S., University of Nevada; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>Richard Banks</td>
<td>Assistant Professor of Chemistry</td>
<td>B.S., College of Idaho; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>John B. Barnes</td>
<td>Professor of Education, President</td>
<td>B.A., M.A., University of Denver; Ed.D., University of Wyoming.</td>
</tr>
<tr>
<td>Gwynn Barrett</td>
<td>Associate Professor of History</td>
<td>B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.</td>
</tr>
<tr>
<td>John Barsness</td>
<td>Professor of English</td>
<td>A.B., William Jewell College; M.A., Montana State University; Ph.D., University of Minnesota.</td>
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<tr>
<td>Wylla Barsness</td>
<td>Professor of Psychology</td>
<td>A.B., William Jewell College; M.S., Montana State University; University of Minnesota.</td>
</tr>
<tr>
<td>John A. Beckwith</td>
<td>Assistant Professor of English</td>
<td>B.A., Gooding College; M.A., University of Idaho; University of California at Los Angeles, American Institute of Gemology at Los Angeles. <em>Correct to February, 1969.</em></td>
</tr>
<tr>
<td>H. William Belknap</td>
<td>Assistant Professor of Biology</td>
<td>B.A., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.</td>
</tr>
<tr>
<td>Susan I. Bender</td>
<td>Assistant Professor of Office Administration</td>
<td>B.S.C., M.A., University of Iowa.</td>
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<tr>
<td>John H. Best</td>
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<td>B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wenzels; Composition and Theory, pupil of J. DeForest Cline and Henry Trustman Ginsburg.</td>
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<tr>
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<td>Associate Professor of Accounting</td>
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<tr>
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<td>Instructor in Reading Diagnostic Center</td>
<td>B.A., Boise College</td>
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<tr>
<td>Dale Boyer</td>
<td>Instructor in English</td>
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<table>
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<tr>
<th>Name</th>
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<tr>
<td>ALAN F. CROOKS</td>
<td>Assistant Professor of English</td>
<td>B.A., College of Idaho; M.A., Utah State University.</td>
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</tr>
<tr>
<td>MARTHA CRUMPACKER</td>
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</tr>
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<td>BILL DARRELL CURTIS</td>
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PAULINE H. HINMAN, Director of Placement Services .. (1967)
B.A., University of Idaho.
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>KENNETH HOLLENBAUGH</td>
<td>Assistant Professor of Geology</td>
<td>B.S., Bowling Green State University; M.S., Ph.D., University of Idaho.</td>
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<tr>
<td>THEODORE HOFFENBECK</td>
<td>Instructor in Criminology</td>
<td>B.S., M.Ed., University of Arizona; San Diego State College.</td>
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<td>DORIS HOYER</td>
<td>Associate Professor of Education</td>
<td>B.S., M.S., (Ed), M.A, University of Idaho.</td>
</tr>
<tr>
<td>HOWARD L. HUFF</td>
<td>Instructor in Art</td>
<td>Diploma, Boise Junior College; B.A., College of Idaho; M.F.A., University of Idaho.</td>
</tr>
<tr>
<td>ELMER E. HUNT, Jr.</td>
<td>Assistant Professor of Mathematics</td>
<td>B.A., M.Ed., Washington State University; Oregon State University; University of Georgia; Oklahoma State University.</td>
</tr>
<tr>
<td>DARRYL HUSKEY</td>
<td>Serials and Documents Librarian</td>
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</tr>
<tr>
<td>JOHN JOHNS</td>
<td>Associate Professor of Business Administration</td>
<td>B.S., M.A., Ball State University; Ed.D., University of Denver.</td>
</tr>
<tr>
<td>HELEN R. JOHNSON</td>
<td>Associate Professor of Office Administration</td>
<td>B.A., Northwest Nazarene College; University of Idaho; Oregon State University; University of Washington; M.A., College of Idaho; University of California at Berkeley; Arizona State University.</td>
</tr>
<tr>
<td>WILLIAM A. JONES</td>
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</tr>
<tr>
<td>THEODORE F. KEITH</td>
<td>Internal Auditor</td>
<td>B.S., University of Idaho.</td>
</tr>
<tr>
<td>FRANCIS E. KELLER</td>
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<td>FREDERICK J. KELLER</td>
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<td>B.A., Michigan State University.</td>
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<tr>
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<tr>
<td>DOGIS KELLY</td>
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</tr>
<tr>
<td>DWANE R. KERN</td>
<td>Vice President for Financial Affairs</td>
<td>B.A., College of Idaho; University of Omaha; Linfield College.</td>
</tr>
<tr>
<td>ANTHONY J. KNAP</td>
<td>Head Football Coach</td>
<td>B.S., M.S., University of Idaho; San Francisco State College; Marquette University, Milwaukee; University of California at Berkeley.</td>
</tr>
<tr>
<td>LEO L. KNOWLTON</td>
<td>Associate Professor of Marketing</td>
<td>B.S., M.S., University of Idaho; University of Oregon.</td>
</tr>
<tr>
<td>ALFRED KOBER</td>
<td>Instructor in Art</td>
<td>B.S., M.S., Fort Hayes Kansas State College.</td>
</tr>
<tr>
<td>RONALD KREMPETZ</td>
<td>Instructor in Drama</td>
<td>B.S., M.A., San Jose State College; College of San Mateo.</td>
</tr>
<tr>
<td>NOEL KRIGBAUM</td>
<td>Assistant Professor of Vocational-Technical Education</td>
<td>Electricians School, Navy; Idaho State University; Boise Junior College.</td>
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<tr>
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</tr>
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DORA PHELPS ............................................... Grade 5  
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CALENDAR FOR 1969-70

SPRING SEMESTER

*Last Date to Complete All Admission Requirements .............................................. 5:00 P.M. 1970
(to be able to register at regular registration times)

Residence Halls Open to New Students .......................................................... 1:00 P.M. Jan. 5

Faculty Meeting by Schools ................................................................. 8:00-10:00 A.M. Jan. 18

Pre-Registration Counseling by Appointment ................................................. from 10:00 A.M. Jan. 19
(Seniors and Juniors) to 5:00 P.M.

New Student Orientation and Group Counseling (LA106) ............................. 8:00-9:45 A.M. Jan. 20

Late ACT Test ............................. 10:00 A.M. - 2:30 P.M. Jan. 20
(for students who have not taken the ACT tests)

Math Placement Test ............................. 3:30-5:30 P.M. Jan. 20
(Math, Engineering and Science Majors)

Pre-Registration Counseling by Appointment ................................................. from 8:00 A.M. Jan. 20
(Sophomores and Continuing Freshmen) to 5:00 P.M.

Foreign Language Placement Test (LA206) .................................................. 8:00-10:00 A.M. Jan. 21
(for students who have foreign language background
and wish to continue in the same foreign language)

Pre-Registration Counseling (Liberal Arts Bldg.) .......................................... from 8:00 A.M. Jan. 21
(New, Transfer and Former BSC Students) to 3:00 P.M.

Registration for Seniors, Juniors, Sophomores (Gymnasium) .......................... from 8:00 A.M. Jan. 21
(by schedule)

Pre-Registration Counseling (Liberal Arts Bldg.) .......................................... from 8:00 A.M. Jan. 22
(New, Transfer and Former BSC Students) to 3:00 P.M.

Registration for Sophomores (cont.) and Freshmen ...................................... from 8:00 A.M. Jan. 22
(by schedule in Gymnasium) to 3:00 P.M.

Pre-Registration Counseling (Liberal Arts Bldg.) .......................................... from 8:00 A.M. Jan. 23
(New, Transfer and Former BSC Students) to 3:00 P.M.

Registration for Freshmen (cont.) (Gymnasium) ........................................... from 8:00 A.M. Jan. 23
(by schedule) to 3:00 P.M.

Evening School Registration (Gymnasium) .................................................... 7:00-9:00 P.M. Jan. 23

Evening School Registration (Gymnasium) .................................................... 7:00-9:00 P.M. Jan. 24
from 9:00 A.M. to 12:00 Noon

Classes Begin ..................................................................................................... Mon. Jan. 26

Last Day for Adding New Courses for Credits ............................................... Wed. Feb. 4

Last Day for Withdrawal without Penalty for Failing Work ............................. Fri. Mar. 6

End of Mid-Semester Examinations ............................................................... Fri. Mar. 6

Last Date for Removal of Incompletes for Previous Semesters ........................ Fri. Mar. 6

Spring Vacation ............................................................................................... Fri. Mar. 6
(to 7:00 A.M.)

Last Date to Withdraw from Classes .............................................................. Thurs. April 30

Semester Examinations ..................................................................................... from 8:00 P.M. May 18
(to 5:00 P.M.)

Residence Halls Close ...................................................................................... 6:00 P.M. May 21

Commencement ................................................................................................ Sun. May 24

*Students who complete after this date will be charged a late registration fee and scheduled
after regular registration times.

SUMMER SESSION 1970

First Session ................................................................................................... June 8 — July 10

Second Session ............................................................................................... July 13 — August 14