

DRAFTING/CAD BASIC (10-12) 1.00

This is a hands-on course which will prepare individuals to use technical knowledge and skills to plan and prepare scale pictorial interpretations of engineering and design concepts. Includes instruction in the use of precision drawing instruments, computer design programs (AutoCAD), sketching and illustration. Two dimensional (2D) drawings will be the focus. This course will prepare students for advanced drafting courses and give practical skills for future professional development. Fee is required (\$10).

DRAFTING/CAD ADVANCED (11-12) 1.00

Prerequisite: Drafting/CAD Basic

This course will help prepare students for employment or college level drafting courses. Students will work on Inventor and ArchiCAD software to produce 3-Dimensional and Architectural drawings. Half of the year will be spent on Architecture, and half on 3-Dimensional modeling/design. This is a college credit class through Southern Utah University and Dixie State College.

BASIC GRAPHICS (10-12) .50

This is a hands-on activity based course that explores the graphic arts. Emphasis is placed on: computer applications, desktop publishing, digital/photographic reproduction, elements of design, typography, and the various methods of the printing processes, including screen printing. This course provides a strong basis in creativity for other classes and future employment. Students will produce t-shirts, stickers, notepads, hats, and other personalized items. This class is where creativity meets technology! For more information on graphics, Check it out on the web at:

<http://www.schs.wash.k12.ut.us/graphics> Lab Fee \$33

ADVANCED GRAPHICS (11-12) 2.00

Prerequisite: Basic Graphics

This class provides a quality foundation for skills relating to graphic arts, computer design/graphics, photographic reproduction, and printing applications. Recent changes in technology make this an exciting opportunity for skill-building through real hands-on assignments and projects. Dixie College credits (up to 6 semester credits) can be earned through this class. Check it out on the web at:

www.schs.wash.k12.ut.us/graphics Lab Fee \$43

MEDICAL ANATOMY & PHYS. (11-12) 1.00

Prerequisite: Human Biology or Biology

This course is a program that lets students explore jobs in the health care field. Main emphasis is on medical terminology, anatomy, and physiology of the human body and clinical experiences in which students shadow health care professionals in the community. This is an excellent course for students wishing to pursue a job in the medical field. Transportation to clinics is required. *THIS COURSE WILL MEET VOCATIONAL CREDIT OR BIOLOGICAL SCIENCE CREDIT REQUIREMENT.*

EXERCISE SCI/SPORTS MED. (11-12) 1.00

Prerequisite: Human Biology recommended and Teacher Approval Attention is given to the practical application and methods in first aid, treatment and procedures of handling injuries. Students would show competencies in recognizing physical injuries. There would be emphasis in learning the cause and prevention of athletic injuries. Therapeutic treatment of injuries will be covered. Fee and out of class responsibilities will be required. Lab Fee \$40.

AGRICULTURAL BUSINESS & MGNT 10-12)1.00

This course teaches skills needed to manage an agricultural related business. Instruction includes economic business principles and structures, business enterprise analysis, accounting, taxes, insurance, productivity, financing, capital resources, purchasing, government programs, community groups, contracts, estate planning, marketing, salesmanship and use of computers in agriculture.

FLORICULTURE/GREENHOUSE (10-12) 1.00

An instructional course that prepares students to produce, process, and market bedding plants, holiday or specialty plants, and house plants. Students will be exposed to greenhouse operations and management practices that will prepare the student to reproduce commercial plants in a controlled environment and to manage commercial and experimental greenhouse operations. Students will also learn the basics in floral design, plant anatomy and physiology, plant requirements, hydroponics, and pruning techniques.

ANIMAL SCIENCE & TECHNOLOGY (10-12) 1.00

This course exposes students to a wide range of scientific principles: genetics, anatomy, physiology/nutrition, disease, pests, and management practices. Students will also study ration formulations, range practices, poisonous plants, and management practices on domestic animals. The scientific process of observation, measurement, hypothesizing, data gathering, interpretation, analysis and application are stressed. Career opportunities and educational preparation are examined.

NATURAL RESOURCE MANAGEMENT (10-12) 1.00

A course that includes instruction on the importance of production, management, and conservation of our natural resource, ecology, and wildlife. Field and laboratory experiences will be emphasized.

NURSERY OPERATION & LANDSCAPE MGNT. (10-12) 1.00

This course teaches nursery operation and landscape management practices that will prepare them to select appropriate plant materials, design, install and maintain interior and exterior plantings and hardscapes. They will learn to maintain the facilities and equipment associated with the industry.

ELECTIVES

COOPERATIVE WORK EXP. (11-12) 1.00-2.00

Prerequisite Counselor Approval and must meet criteria listed below

This program can provide an opportunity for students to earn high school credit through employment in a skill based job. Students do not register for this class in the Spring...registration for this program is done at the beginning of the school year or thereafter when appropriate employment opportunities become available. *ALL STUDENTS MUST MEET THE FOLLOWING CRITERIA IN ORDER TO BE ENROLLED FOR THIS PROGRAM.*

1. Be at least a second semester Junior.
2. Have a career goal stated on an SEOP.
3. Be enrolled in a class which directly correlates with that career goal.
4. Have a job which directly correlates with both the career goal and the class.

Eligibility for the Cooperative Work Exp. Program will be determined by the Job Placement Coordinator in the Counseling Center.

ELEMENTARY SCHOOL INTERN (12) 1.00

Prerequisite: Counselor Approval

This course provides an opportunity for students to work with children at an elementary school, The class is scheduled 4th or 8th period through 3:00 P.M. Periodic evaluations will be done through the elementary school. Students must provide their own transportation.

SPECIAL EDUC. INTERNS (11-12) 1.00

Prerequisite: Teacher or Counselor Approval

The SMH Peer Tutor course provides students the opportunity to work with Severely Multiple Handicapped high school students, both in school and in the community. Duties include serving students in small groups and one on one instruction, under the supervision of the SMH instructor.

TEACHER AIDE (12) .50

Prerequisite: Teacher Approval

Students enrolling in this course should have basic typing skills and a desire to work with assigned staff members. Students will earn a maximum of one credit. This includes Office and Special Education aides as well.

OFFICE AIDE (12) .50

Prerequisite: No "NG's" for the last two quarters and Administrator Approval

Students enrolled in this course will provide clerical and other assistance as needed to the administration and secretarial staff.

LIBRARY/MEDIA AIDE (12) .50

Prerequisite: No "NG's" for the last two quarters and Administrator Approval

Students enrolled in this course will provide clerical and other assistance as needed to the school media coordinator.

RELEASED TIME (10-12) NO CREDIT

Prerequisite: Parent Approval

Released Time (Seminary) is a noncredit, off campus class,

YEARBOOK (10-12) 1.00

Prerequisite: Teacher Approval

This course is designed to produce the school yearbook. Students will be involved with each step of yearbook production: theme selection, cover design, layout designs photography, sales promotion, and record keeping. Students will learn journalistic writing and complete all story, caption, and headline copy of the yearbook. Course will feature cutting-edge technology and desktop publishing. This course may be taken more than one year.