

# General Electives

## **Introduction to Agriculture**

**9-12/Year**

This is an introductory class covering all of the major areas of livestock and plant production common to California along with introduction to the organization of Future Farmers of America and potential career opportunities.

## **Agricultural Mechanics 1 - Prerequisite: Introduction to Agriculture**

**10-12/Year**

This course will introduce the student to skills required in the agricultural mechanic's field. The course includes proper safety procedures and proper use of tools found in agricultural mechanics. Each student will maintain a Supervised Agriculture Experience Program project in relation to his level of advancement in the school's agriculture program and in line with state curricular guidelines. Students will also be involved in FFA leadership experiences.

## **Agricultural Mechanics 2 - Prerequisite: Ag Mechanics 1**

**10-12/Year**

This course will introduce the student to advanced skills required in the agricultural mechanic's field. The course includes proper safety procedures and proper use of tools found in agricultural mechanics. Each student will maintain a Supervised Agriculture Experience Program project in relation to his level of advancement in the school's agriculture program and in line with the state curricular guidelines. Students will also be involved in FFA leadership experiences.

## **Agricultural Projects - Prerequisite: completion of Intro to Ag class or teacher approval**

**10-12/Year**

Each student shall establish or enlarge his/her agriculture project through knowledge gained in this class. All students enrolled shall master the standard California Agriculture Record Book. Through participation in judging contests, fairs and shows students will improve their knowledge of agriculture careers and job possibilities. Simple participation charts, entries in fairs and involvement with judging teams will demonstrate completion of this objective. Students will become aware of agriculture problems including marketing, labor, credit, cooperatives, and management.

## **Floriculture**

**9-12/Year**

This course is intended to introduce students to the expectations and possibilities of employment in the agricultural floral industry. Students will learn the taxonomy of standard plants and flowers used in floral design; they will learn to identify and design with these plants and flowers for the purpose of producing aesthetically pleasing arrangements. Students will also learn to use tools of the trade. Students will learn basic economics of the industry. Students who finish the year will be prepared for entry-level positions in the industry. Record-keeping and leadership skills, through activities within the FFA organization will also be an integral part of the course.

## **Advanced Floral Design - Prerequisite: Floriculture**

**11-12/Year**

This course is designed to prepare the students for employment in the Floral Industry as an apprentice or designer. In an operational floral class, students will learn advanced technology in making arrangements; identify flowers and foliage, taking orders from customers and pricing the arrangements. Students will learn job search and interpersonal skills, as well as attitudes necessary to secure and maintain a job. Students who qualify will be permitted to enhance skills learned in the classroom in community sites or campus based floral stores.

## **Introduction to Theatre Arts**

**9 -12/Year**

This course will introduce students to the fundamentals of acting as an art form. Students will be provided with a common core of knowledge of theatre vocabulary, individual and group pantomime, improvisation, and theatrical organization. This course will also introduce theatre history and its cultural perspective through plays and performances.

## **Advanced Theatre - Prerequisite: Into to Theatre Arts**

**10-12/Year**

This course offers students an extensive knowledge of the theatre. This course will also examine theatre history. Advanced Theatre will cultivate problem solving techniques and the ability to synthesize dramatic literature into performable works of art. A wide variety of theatre and drama forms will be explored.

## **Band – Wind Ensemble - Prerequisite: Teacher Approval**

**9-12/Year**

This course provides a broad overview of instrumental music. Students will develop advanced instrumental skills, posture, and self-confidence by performing advanced instrumental music of different historical periods and languages. The students will also develop performance techniques within a group as they relate to emotional and intellectual growth with music.

## **Jazz Ensemble - Prerequisite: Teacher Approval**

**9-12/Semester**

Course is designed for the most advanced musicians. The Jazz Ensemble performs intermediate to advanced level music from various selected eras of musical histories.

## **Dance Prop Production (Cheer) - Prerequisite: Teacher Approval**

**9 -12/Semester**

Students will participate in daily practice, weekly performances with the band, and will be expected to put in extra-curricular, organized practice time. Summer practice is required. Must purchase some uniform and equipment parts. (ASB card required)

## **Orchestra**

**9-12/Year**

The orchestra performs intermediate to advanced level music from various selected eras of musical histories.

## **Dance 1**

**9-12/Year**

This course is designed to introduce the student to a wide variety of dance styles to include jazz, ballet, tap, modern and improvisational dance. The student will be expected to perform in a winter and spring concert in the evening.

**Dance 2, Dance 3, Dance 4 (Hip Hop), Dance 5/ (Dance Team) - Prerequisite: Teacher approval**

**9-12/Year**

**Weights**

**11-12/Semester**

Weight training offers the student the opportunity to maintain strength, endurance and muscle tone. Students will learn the benefits of weight lifting and how to physically improve in their specific sport.

**Art Fundamentals**

**9 -12/Year**

In this course students will concentrate on developing their drawing skills; students will be using pencil, charcoal, pen and ink and many other media. Students will learn how to look at the subject and present it in an artistic way, using the basic elements and principles of art. Students will learn about artists, past and present, examine their techniques, explore their motivations and messages.

**Drawing & Painting 1 - Prerequisite: Art Fundamentals**

**10-12/Year**

This course is designed to give students a broad overview of two dimensional drawing and painting. Students will be provided with a common core of knowledge of art elements, concepts, and related vocabulary. Emphasis will be placed on relationships to art movements and individual artists. A wide variety of media will be explored.

**Drawing & Painting 2 - Prerequisite: Drawing and Painting 1**

**11-12/Year**

This course is designed to give students a broad overview of two dimensional drawing and painting. Students will be provided with a common core of knowledge of art elements, concepts, and related vocabulary. Emphasis will be placed on relationships to art movements and individual artists. A wide variety of media will be explored.

**Graphic Design**

**10-12/Year**

This class is a basic exploration of two-dimensional design and print media design. Analog and digital design are combined. This class teacher the fundamentals: line, shape, value, balance, color, composition and typography. The second semester is focused on learning Adobe Illustrator, Photoshop, and InDesign and using it as a tool for the design of logos, magazine covers, advertising, and package design.

**Digital Imaging - Prerequisite: completion of Art Fund, Computer Apps. or teacher approval**

**10-12/Year**

This course is designed to give students a broad overview of the use of images and their impact on society. Students will learn to identify visual elements and principles of design using the language of the visual arts, and apply them to visual technology. Students will be taught how to create and use original digital art for commercial web design and marketing.

**Leadership - Prerequisite: 2.5 GPA / teacher approval**

**9-12/Year**

This course provides students the opportunity to work on a variety of school activities. Students will receive a basic knowledge in budgeting, time management skills, parliamentary procedures, community service projects, and committee planning. Students will become involved in planning rallies, dances, assemblies, home-coming, convention and award programs.

**Psychology 1**

**11-12/Semester**

This course is designed to introduce students to concepts in psychology by employing active learning techniques. Students will be introduced to the field of psychology, explore psychology as a science, study the human life cycle, and investigate the brain including its functions and processes.

**Psychology 2 - Prerequisite: Psychology 1**

**11-12/Semester**

This course will provide students insight into basic human behavior, giving them life skills for personal and career endeavors. This knowledge provides tools for personal introspection and developing constructive relationships.

**AP Psychology - Prerequisite: Teacher recommendation**

**11-12/Year**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**Digital Video Production 1 & 2**

**9 -12/Year**

This course is designed to give students a broad overview of the digital visual arts. Students will be provided with a common core of knowledge of art elements and design principles, as well as the specialized vocabulary of the film and television industry. Students will develop skills using various media, with a focus on the creation of video artworks.

**Video Yearbook**

**10 -12/Year**

This course provides a broad overview of the two-dimensional art of digital photography. Students will gain practical experience and learn the technical and historical information essential to master the art of digital photographic representation with computer manipulation.

**Publication Design (Yearbook)**

**9-12/Year**

Publication Design is responsible for the production of the yearbook. Students are expected to produce a visually creative book that is acceptable to the student body while at the same time recording the events of the year for future reference. The class is responsible for meeting deadlines associated with a professional publication. This class requires outside time of the normal school day.

**Technology Core**

**9-10/Semester**

Technology Core is the building block course which introduces students to the following: intro to computers, intro to business communications, intro to basic operations of a computer, business finance, and media products. Among one of the many objectives of this course is to help students master the proper typing skills.

**Computer Applications****9-12/Semester**

Course reinforces keyboarding and formatting skill acquired in a keyboarding course and introduces word processing, database management, spreadsheets, and presentations. Graphics and telecommunications may be a part of this course.

**Journalism,3****9-12/Year**

An Introduction to mass media theory and practice including a survey of the history of journalism, the rights and responsibilities of the working press and the student press, advertising theory and practice, editorial theory and practice, layout and graphic design and newspaper and magazine production. Students participate in and assume responsibility for the production of school publications. Students may need to spend partial extra-curricular time.

**ROP Sports Medicine****11-12/Year**

The primary goal of Sports Medicine 1 is to integrate basic medical concepts and related scientific information to provide a foundation in the prevention, recognition, assessment, management, disposition, and rehabilitation of sports related injuries and illnesses. Conceptual information will be combined with practical skills to synthesize a general understanding of skills, education, and personal characteristics needed to succeed in any health care field. After school hours for additional credit are optional.

**ROP Culinary (Food and Hospitality Service)****11-12/Semester**

This course is designed to prepare students for a variety of entry level jobs in the food service industry. Students will learn the basics of food preparation, customer service, safety, sales and equipment use. Integrated throughout the course are academic and CTE standards, which include safety, communication, technology, ethics, career planning and other employable skills.

**Advanced Culinary - Prerequisite: ROP Culinary****11-12/Semester**

This high school course continues to prepare students in their knowledge, skills, attitudes and behaviors in the restaurant/food service industry with a focus on transitioning to post-secondary training in commercial food preparation. Included are core content standards such as sanitation, food safety, customer service, sales, nutrition, food preparation and equipment use. Students are given opportunities to demonstrate personal qualities, including responsibility, self-confidence and self-management.

**ROP Welding1 / ROP Welding 2****9-12/Year**

This course introduces students to various welding techniques. This course provides the knowledge and hands on skills in joining metal. Related areas covered are personal tool and equipment safety, theory of welding processes, equipment set-up, and corrective actions on identified welding problems, operation of welding equipment, beginning welding techniques, and blueprint reading.

**Work Experience – Prerequisite: Must be currently employed****10-12/Semester**

Work Experience provides job-related experiences for high school students through supervised part time employment as part of their total school program. This course is aligned to the California Model Curriculum Standards for Work Experience Education.

**AVID - Prerequisite: Teacher recommendation based on specific criteria and interview process****9-12/Year**

The AVID course is a four-year regularly scheduled elective college prep class. This course meets the needs of students by providing academic instruction and other support to students to prepare them for eligibility to four-year colleges and universities. The class gives students college level entry skills, increases the "coping skills" of students, motivates students to seek college education and increases the student's level of career awareness.

**Teacher Aide - Prerequisite: Teacher's Approval, 2.0 GPA, and no "U" s****11-12/Semester**

Students will aid the classroom instructor in assigned duties. No letter grade. Pass/Fail Only

**Office Practice - Prerequisite: Instructor's approval, good attendance, 2.0 GPA, no "U" s****11-12/Semester**

Provides students with the experience in an on-the-job situation using the facilities of the school office. No letter grade. Pass/Fail Only.

**Tutor Clinic – Prerequisite: Teacher's Approval, 2.0 GPA, no "U" s****11-12/Semester**

This course will train students to become tutors of other students, assisting them in improving basic skills in subject area.

**Study Skills****9-12/Semester**

Students will receive instruction on how to study, how to become effective test-takers, and acquire good study habits. They will learn techniques in taking notes, working independently, managing time and studying.

**Foreign Language Classes****9-12/Year**

The curriculum for foreign language is generic to all languages. Standards are not written for any specific language, however, all languages are different, with different vocabulary, syntactic structures, sound systems, writing systems, and represent different cultures.

**Spanish 1, Spanish 2, Spanish 3 H****Spanish/Spanish Speakers 1, Spanish/Spanish Speakers 2**

Classes are heavily composition based. Therefore, student must have a previous knowledge of the language and have the ability to speak, read, and write the language.

**AP Spanish 4, AP Spanish 5**

AP courses emphasize the use of active communication through the following objectives: the ability to comprehend formal and informal language, the acquisition of vocabulary and a grasp of structure, the ability to compose expository passages, the ability to express ideas orally with accuracy and fluency.

## **French 1, French 2, French 3 H**

### **AP French 4**

AP courses emphasize the use of active communication through the following objectives: the ability to comprehend formal and informal language, the acquisition of vocabulary and a grasp of structure, the ability to compose expository passages, the ability to express ideas orally with accuracy and fluency.

### **American Sign Language**

**9-12/Year**

This course will teach basic signs, grammar, fingerspelling, and the cultural aspects of deafness. Students will learn basic communication as well as song signing. Total participation is mandatory in order to properly learn the language. Activities will include but not be limited to: working in pairs or groups, role playing, skits, songs, and presentations.

## **LEAD Classes**

### **Introduction to Design**

**9-12/Year**

The major focus of the course is to introduce students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Introduction to Design gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Students will employ engineering and scientific concepts in the form of engineering design problems. In addition, students use a 3D solid modeling design software package to help them design solutions to solve proposed problems.

### **Principles of Engineering**

**10-12/Year**

This course is designed to give students a general overview of the foundations for engineering through hands-on activities. Students will develop communication skills through presentations, sketches, and an engineer's notebook; as well as work in teams to design and build systems of related elements to accomplish a given task. In addition, students will test the strength of materials, perform structural analysis of bridges and other structures, and apply the properties of kinematics to predict the path of an object in motion.

### **Civil Engineering and Architecture**

**10-12/Year**

(CEA) is the study of the design and construction of residential and commercial building projects. This course includes an introduction to many of the varied factors involved in building design and construction including components and systems, structural design, storm water management, site design, cost estimation, energy efficiency, and careers in the design and construction industry.

### **Digital Electronics**

**9-12/Year**

Use of computer simulation to learn the logic of electronics.

### **Engineering Design & Development**

**12/Year**

Teams of students, guided by community mentors, research, design, and construct solutions to engineering problems.