Career Technical Education

Accounting — 12000

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed for students to learn basic accounting principles, accounting cycles, and how to prepare financial statements, payroll, and tax records. This course teaches students how to make money in the business world. Students learn to apply the internationally recognized Generally Accepted Accounting Principles (GAAP), while preparing financial statements, payroll records, and tax forms. Specific topics include account receivables, inventories, long-term assets, current liabilities, and computerized accounting.
Pre-requisite(s): Computer Technology and Mathematics I
Adopted curricular materials: Accounting, McGraw-Hill Education

Adv Interdisc Science for Sustainable Agriculture — 12222

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Students will connect the products created in this class with industry activities to link real-world encounters and implement skills demanded by both colleges and careers. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) Program. This course will use a "5-point A" grading system.
Pre-Requisite: Biology and Sustainable Agriculture and Chemistry and Agriscience with a grade of C or better
Adopted curricular materials: No instructional materials assigned

Advanced Graphic Communications — 12126

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

In this Capstone course, students will demonstrate their mastery of a compilation of skills by preparing a portfolio of original artwork which will be completed in digital format and evaluated on an ongoing basis through the use of programs and techniques including, but not limited to, 2D graphic design (i.e. branding, package design, advertising, illustration, animation, printed design, web design, type design, UX design), printmaking, digital imaging, and multi-media presentations and design. The student portfolio will be used as entry into post-secondary scholarship competitions, programs, and entry-level businesses in the arts, media, and entertainment industry. The course culminates with digital presentations of the students' concentrated efforts. This course may provide an opportunity for students to earn industry-recognized certification or transferrable college credits.
Pre-requisite(s): Digital Photography II, Digital Art and Graphic Design II, or Commercial Art

Adopted curricular materials: No textbook assigned

Advanced Manufacturing I — 12351

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course focuses on the design of unique objects using three-dimensional modeling software. Students will learn the basics of G-code machine language and all relevant workshop mathematics. Advanced computer-aided design and modeling software will be taught. Student projects will be produced in wood, metal, and plastic using CNC routers, CNC mills, CNC plasma cutters, and 3D printers.
Pre-Requisite(s): Manufacturing and Product Development, Introduction to
Adopted curricular materials: None

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Advanced Manufacturing II — 12352

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is the capstone course in the Advanced Manufacturing Pathway. Students enrolled in this course will extensively use CNC routers and mills to produce a wide variety of parts and assemblies. Students will utilize parametric modeling and become skilled designers and machine operators.
Pre-Requisite: Advanced Manufacturing I
Adopted curricular materials: No textbook assigned

Advanced Production & Broadcasting — 12155

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course, open to all EGUSD students, is to produce a regular broadcast for the school community and to meet their media production needs. Students will use all the skills related to digital media production and face consequential decisions related to target audience, accountability, and deadlines. In addition to teaching the application of a digital media skill set, the course teaches students how to flourish in a collaborative work place. This course is an opportunity for any student interested in a career in media, the film industry, or pursuing the subject with post-secondary studies to deepen their knowledge and improve their skills.
Pre-requisite(s): Digital Media Arts II or Video Production II

Adopted curricular materials: No textbook assigned

Aerospace Engineering (PLTW) — 12361

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This Project Lead The Way (PLTW) course propels student learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, a propulsion system, and rockets. Students learn basic orbital mechanics using industry-standard software and explore robot systems through projects such as remotely-operated vehicles.
Pre-requisite(s): Principles of Engineering Design (PLTW)

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Ag Mechanics, Advanced — 12310

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course focuses on large project construction. Students will work on projects supplied by the community or personal projects that apply to the curriculum. Materials may be purchased at school or brought from home. Tests will be given regularly and students will be expected to participate in projects and other assignments.
Adopted curricular materials: No textbook assigned

Agricultural Communications and Leadership — 12200

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course covers leadership topics including parliamentary procedure, public speaking, ethics, and agricultural skills. Activities include the third grade field day and the livestock projects pre-fair. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: Leadership, Personal Development and Career Success, Cengage Learning

Agricultural Welding — 12225

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course emphasizes welding safety, weld designs, basic framing, oxygen/acetylene welding and brazing, oxygen gas cutting, arc welding, arc air cutting, pipe welding, hard surfacing, weld testing, metal identification, blueprint reading, measurement and layout skills, and use of fabrication equipment. This course may be repeated for a maximum of 10 credits.
Pre-Requisite(s): Fabrication with Wood and Metal
Adopted curricular materials: Modern Welding, 12th Edition, Copyright 2020, The Goodheart-Willcox Company, Inc.

Agriculture Sales and Service — 12216

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course offers a working knowledge of any of the wide variety of Ag-businesses in the area. Develop skills in the Agri-business field of your choice, as well as many skills that are common to all Ag-businesses. Become prepared for the most important industry in California. Sites may include: veterinary practices, horse training facilities, and feed stores. This course may be repeated for a maximum of 40 credits.
Adopted curricular materials: No textbook assigned

Animal Anatomy and Physiology of Plants — 12202

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This course provides information, activities, and skills in the areas of scientific method, classification systems, mammalian production, production management, health care, anatomy, physiology, reproduction, nutrition, mitosis, meiosis, respiration and genetics. Emphasis is placed on mammals that are most important to human culture, as we know it. Homework varies by unit, but averages about one assignment per week. Tests will be given regularly and students will be expected to participate in assignments, class discussion, and other structured events. Notebooks are required and are graded periodically. Students will be exposed to the FFA, supervised occupational experience programs, and careers in Agriculture. Students will be expected to complete individual projects and long-term assignments.
Pre-requisite(s): Biology and Sustainable Agriculture

Adopted curricular materials: Introduction to Veterinary Science, Cengage Learning

Animal Science Advanced — 12203

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides information, activities, and skills in the areas of animal production, management, care, physiology, handling, feeding, nutrition, processing, selection, breeding, and health care. Emphasis is placed on animals that provide food, fiber, and recreation. Homework varies by unit, but averages about one assignment per week. Tests will be given regularly and students will be expected to participate in assignments, class discussions, and other structured events. Notebooks are required and used daily and graded periodically. This course is a part of a series of courses to prepare students for college level entry into the various disciplines of agriculture science. Students will be exposed to the FFA, supervised occupational experience programs, and careers in Agriculture Business.
Adopted curricular materials: No textbook assigned

Animation III — 12159

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This rigorous, advanced course is designed to prepare highly motivated students to become responsible enough to manage demanding and time-consuming studio work. This course will include intensive study in production of three-dimensional and two-dimensional animation. It will include an in-depth study on theory, techniques, and philosophy of the students' animation production development. An emphasis will be placed on aesthetics, script writing, and motion. This class will provide an opportunity for the student's work to be viewed by representatives of animation studios and colleges. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Animation I and II with a grade of B or better, portfolio review, or instructor approval
Adopted curricular materials: No textbook assigned

Animation, Advanced — 12125

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This project-based course focuses on the use of current industry software in digital animation. Units will be designed around the creation of projects for students to design, build, create, or perform. Advanced Animation is the Capstone course in a high school course sequence.
Pre-requisite(s): Animation, Intermediate

Adopted curricular materials: No textbook assigned

Animation, Intermediate — 12168

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course will serve as the concentrator course for the Animation pathway. Students will build on foundational artistic and technical animation skills learned from the introductory course with an emphasis on the principles of animation, developing draftsmanship, and professional production techniques. In addition, students will learn to create and maintain a portfolio that showcases their body of work. Students will explore the career options and opportunities by examining the variety of jobs in the AME job sector. By the end of this course, students will have successfully completed multiple individual and group projects and will be ready to work on large productions in the capstone course. Pre-Requisite: Animation, Introduction to
Adopted curricular materials: No textbook assigned

Animation, Introduction to — 12167

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to the fundamentals of animation and computer graphics. Students will learn basic concepts, methods, and techniques through hands-on experiences and projects directly related to the field of animation and computer graphics. The curriculum is geared toward individuals who wish to use and develop their creative expression skills, in conjunction with professional-level computer software techniques, to create multimedia art. This course is especially for students who are interested in fine art communication, film, drama, computer animation, and/or graphic design. Careers in art and animation will be explored.
Adopted curricular materials: No textbook assigned

AP Computer Science A — 07513

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: No**

This course is equivalent to the first semester of a college-level course in computer science. The course introduces problem-solving and programming using Java. The topics in this course include program class design, implementation techniques, programming constructions, java library classes, and interfaces included in the AP Java subset, testing, debugging, runtime exceptions, program correctness, algorithm analysis, primitive data types, strings, classes, lists, one and two-dimensional arrays, sorting, searching, and operations on data structures. A minimum of 20 hours for hands-on lab experiences are also part of the course. This course is accepted by UC/CSU as a 4th year math course.
Pre-Requisite(s): Mathematics II

Adopted curricular materials: Introduction to Java Programming, AP Edition; Pearson Education; code.org

AP Computer Science A — 12118

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: No**

This CTE Pathway course is designed to provide students problem solving, critical thinking, and design thinking skills to solve real-world problems through computer science. Students will learn the fundamentals of computer science, including algorithms, data structures, and object-oriented programming. Students will address problems in the Java programming language, which allows them to write, compile, and test solutions. Upon completion of the course, students will be prepared to take the AP Computer Science A exam.
Pre-requisite(s): Mathematics II AND either Computer Science Principles OR AP Computer Science Principles

Adopted curricular materials: Introduction to Java Programming, AP Edition, Pearson Education, Inc.; Code.org

AP Computer Science Principles — 12116

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This CTE Pathway course is designed to encourage a diverse group of students to explore computer science and is designed to be equivalent to a first-semester introductory college computing course. Rather than limiting this introductory study to just two traditional topics - algorithms and programming - this course introduces students to a broad set of big ideas. These big ideas, which include algorithms and programming, are often summarized using the terms creative, abstraction, data, Internet, and impact. In addition, this course emphasizes the use of computational thinking practices for effective learning experiences and problem-solving. These practices include connecting, creating, abstracting, analyzing, communicating, and collaborating.
Pre-requisite(s): Exploring Computer Science

Adopted curricular materials: Code.org

AP Computer Science Principles — 07514

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This course is designed to encourage students to explore computer science and is equivalent to a first-semester introductory college computing course. Rather than limiting this introductory study to just two traditional topics - algorithms and programming - this course introduces students to a broad set of big ideas. These big ideas, which include algorithms and programming, are often summarized using the terms creative, abstraction, data, Internet, and impact. In addition, this course emphasizes the use of computational thinking practices for effective learning experiences and problem-solving.
Pre-requisite: None

Adopted curricular materials: Code.org

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Studio Art: 2-D Design — 12128

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This CTE Pathway course explores a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The variety of art forms will include, but are not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. A variety of approaches of representation, abstraction, and expression will be covered.
Pre-requisite(s): Digital Art and Graphic Design II or Digital Photography II

Adopted curricular materials: No textbook assigned

Applied Public Health — 12409

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course allows students to gain further knowledge in public health and to master the eight community health worker core competencies, leading to eventual Community Health Worker (CHW) certification. This year-long course will provide instruction through lectures, research projects, role plays, and field work and is designed to be taken by students as part of the Health TECH Academy. During the first semester, students will explore the various career opportunities within the healthcare industry. Students will build on their knowledge in public health by gaining a strong understanding of public health response to disease epidemics. Students will build on their communication skills by designing and delivering a culturally-competent, culturally-relevant public health presentation to a cultural group in their community. Students who meet the requirements will be certified in CPR/First Aid. The second semester of this course is designed to allow students to apply their knowledge and skills in a variety of healthcare settings, which include community and clinical settings. Students will master the art of motivational interviewing, allowing them to use their knowledge and skills to facilitate positive health change. Students will also develop their asset building/capacity building skills in a manner that promotes the betterment of their clients and the communities they serve. Students are required to meet minimum field work hours through community service at health fairs and other related events to be eligible for CHW certification.
Pre-requisite(s): Fundamentals of Public Health
Adopted curricular materials: Health Science Fundamentals, Pearson

Applied Science, Introduction — 12208

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Elective: Science (g) | **NCAA: No**

This course is designed as a basic study of plants, animals, their functions, interactions and importance to man. Basic cell biology and physiology, as well as ecological interactions will be covered. Students will be exposed to the FFA, supervised occupational experience programs, and careers in Agriculture Business that are so important to California society. Homework consisting of reading, writing, and lab reports will vary by unit. Tests and quizzes will be given regularly. Students will also be graded on participation and laboratory exercises. This course is part of a series of courses to prepare for college level entry into the various disciplines of agriculture science.
Adopted curricular materials: Agriscience: Fundamentals & Applications, Delmar

Arts, Media, and Entertainment, Introduction to — 12165

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course introduces students to the many opportunities within the Arts, Media, and Entertainment (AME) industry sector. Students will explore careers in design, visual, and media arts, performing arts, production and managerial arts, and game design and integration. The course combines projects in each pathway with self-reflection, goal-setting, and research on career and educational opportunities. Students completing this course are prepared to enter any AME pathway course sequence.

Adopted supplemental curricular materials: Career Choices and Changes, Academic Innovations

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Audio & Music Production, Advanced — 12129

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This CTE Capstone course builds on the skill sets learned in Audio & Music Production, Intermediate and further prepares students for a wide variety of careers in professional audio industries. Students will learn advanced band recording, advanced mixing, synthesis, "off-site" recording and mixing, and live sound reinforcement. Students will create and perform their own live electronic performance piece and explore their personal interests (digital music production, film scoring, sound design) while being challenged with real-world concepts and technologies found in today's professional audio industries.
Pre-requisite(s): Audio & Music Production, Intermediate

Adopted curricular materials: Modern Recording Techniques, Eighth Edition, Focal Press

Audio & Music Production, Intermediate — 12123

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course will serve as the concentrator course for the Audio & Music Production pathway. Students will expand upon their learning from the intro course with a closer focus on music theory and instrumentation. Students will revisit some familiar concepts such as rhythm and meter, and then move into scales, chords, arpeggios, and harmonics through the use of a DAW and MIDI piano keyboard. Students will then move into learning about orchestration, surveying all of the instruments found in a typical orchestra or big band as well as a variety of world instruments from such cultures as African, Indian, Cuban/Latin, Middle Eastern, and Asian instruments. Students will practice incorporating these instruments in their own works and work toward the culminating project where they score a short film.
Pre-Requisite: Introduction to Audio & Music Production
Adopted curricular materials: No textbook assigned

Audio & Music Production, Introduction to — 12127

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Visual and Performing Arts (g) | **NCAA: No**

This course serves as an introduction to the professional audio industries. Students will learn about the basics of Digital Audio Workstation (DAW) functionality, songwriting, recording, audio editing, effects processing, and sound design to establish a foundation of knowledge that will be expanded on in the next two pathway courses. Students will begin exploring the many aspects and careers in professional audio and may begin focusing on a particular area that interests them most while grappling with real-world career technical concepts and technologies found in today's professional audio industries.
Pre-Requisite: None
Adopted curricular materials: No instructional materials assigned

Audio Production I — 12156

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to expose and prepare students for career opportunities in the audio field. This will be accomplished through learning the basic principles of signal flow, multi-track recording, MIDI Programming, and digital audio workstations. It will serve as an introduction to the theory and practice of audio in radio, television, film, and music production. Students will read articles from scholarly and commercial literature, learn the fundamentals of the design of recording digital equipment, and carry out planned lab activities using industry standard software. Students can earn Cosumnes River College credit for RTVF 319.
Adopted curricular materials: Modern Recording Techniques, Eighth Edition, Focal Press

Automotive Services: Advanced — 12317

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This is the third course in a three-course sequence. It is the advanced-level course for the auto services pathway in which students will be applying advanced knowledge and skills to a variety of automotive systems, tools, and equipment. This course is designed to provide the opportunity to fine-tune and enhance automotive skills in order for students to be prepared for a variety of post-secondary options. These options include college and career options. The students will be involved in numerous work-based learning activities such as job shadows and internships throughout this course. At the conclusion of this course, students complete a hands-on project or service learning project as it relates to automotive services. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Automotive Services: The Next Level with a "C" or better; English 11 (recommended)
Co-Requisite: Integrated Mathematics II (recommended)
Adopted curricular materials: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

Automotive Services: Fundamentals — 12315

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is the first course in a three-course sequence. It was designed to provide students with basic automotive shop safety, tool recognition, introduction to automotive repair, technology core, exploring automotive technology and automotive technology design. Other topics include the history, development, manufacturing, and prototyping of the automobile and its impact on the world. Throughout this course, students will be exposed to entry-level training in automotive systems including brakes, engine performance, electrical/electronic systems, and suspension/steering. After completion of this course, students will have the foundational knowledge and skills about various automotive systems in order to determine proper maintenance and repairs.
Adopted curricular materials: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

Automotive Services: The Next Level — 12316

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is the second course in a three-course sequence. It is a continuation of The Fundamentals of Automotive Services course with more advanced training and more skill required in the use of tools and equipment. This course is designed to give the students the opportunity to learn practical application along with the related material in the following areas: engine rebuilding, transmissions, clutch, drive train, differentials, major tune-up, and electronic emission control systems. The students will be involved in numerous work-based learning activities such as mentorship and job shadows throughout this course. At the conclusion of this course, students will have the opportunity to showcase their knowledge and skills through a community-wide event "Elk Grove High School Car Show."
Pre-requisite(s): Automotive Services: Fundamentals with a grade of C or better and English 10
Co-Requisite: Integrated Mathematics I (recommended)
Adopted curricular materials: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

Automotive Technology — 12306

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is intended to prepare students for automobile ownership. Students will learn the basics of purchasing a vehicle as well as light owner-based maintenance and care.

Adopted curricular materials: No instructional materials assigned

Baking & Patisserie — 12424

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed for students who are interested in expanding upon their basic culinary knowledge and exploring the bakeshop. Students will learn how to work with quick breads, yeast breads, cookies, cakes, and various other confections. Special units will include tiered cakes, plated desserts, as well as chocolate and sugar manipulation.
Pre-requisite(s): None
Adopted curricular materials: No textbook assigned

Beat Making & DJ Fundamentals — 12169

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course serves as an exploratory experience into the world of disc jockeying and making beats with digital music software. Students will learn the basics of Digital Audio Workstation (DAW) technology and beat making as well as techniques, technologies, and software.
Pre-Requisite(s): None

Adopted curricular materials: No textbook assigned

Behavioral Health Theory & Practicum for CHW — 12419

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is an introduction to psychology and community mental health, designed to provide community health workers (CHW) with the knowledge to provide effective care and support to people who live with mental illnesses. Students will also explore careers in behavioral health. This year-long course will provide instruction through lectures, research projects, role plays, case studies, and field work and is designed to be taken by students as part of the Health TECH Academy. Students who meet the community health worker certification requirements are eligible to receive a supplemental certificate in community mental health.
Pre-requisite(s): Applied Public Health (recommended)
Adopted curricular materials: Understanding Psychology, Glencoe

Biology and Sustainable Agriculture — 12220

Department: Career Technical Education | **Grade Level:** 09-10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This one-year course, organized into four major units, integrates biological science practices and knowledge into the practice of sustainable agriculture. Unit one addresses the question "What is sustainable agriculture?" Unit two, "How does sustainable agriculture fit into our environment?" Unit three, "What molecular biology principles guide sustainable agriculture?" Unit four, "How do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem?" Within each unit, specific life science principles integrate the agricultural principles, and students gain knowledge of how the two disciplines inform each other, culminating in the development of a sustainable farm model and portfolio of supporting student research.
Pre-requisite(s): None
Adopted curricular materials: STEMscopes CA-NGSS-3D, The Living Earth

Biomedical Innovation Honors (PLTW) 12406

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This CTE Capstone honors course applies human physiology and biological concepts to designing solutions for clinical medicine, physiology, biomedical engineering, and/or public health. Students will solve unique, directed problems before completing an independent, experimental project. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Biology, Chemistry, Completion of Principles of Biomedical Science (PLTW) (12160), Human Body Systems Honors (PLTW) (12162), and Medical Intervention Honors (PLTW) (12405)
Co-requisite: Student must be enrolled in the Biomedical Academy

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Broadcast Journalism 12150

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

In this course, students deliver a variety of news to their school. On camera, students report local and global news, school news and bulletins, feature stories, sports reports, weather reports, and public service announcements. Aside from being in a high-profile position, students may also work behind the camera. Students learn how to write news stories and operate studio equipment such as teleprompters, microphones, sound equipment, lights, and cameras. In addition, students have opportunities to explore and master the use of computer software and programs. Students will also have the chance to take on leadership roles. They may become floor managers, equipment managers, editors, directors, or producers.
Pre-requisite(s): Video Production II or Digital Media Arts II

Adopted curricular materials: Digital Video: Production Cookbook, O'Reilly Media Inc.

Building Trades I 12311

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students a basic understanding of carpentry and the many skilled trades which residential and commercial construction utilize. This course emphasizes safety, using hand and power tools and the completion of three scaffolded projects designed to provide a framework for career-based decision making in residential and commercial construction.
Pre-Requisite(s): None

Adopted curricular materials: Career Connections: Project Book 1

Building Trades II 12312

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with further understanding of carpentry and the many skilled trades which residential and commercial construction utilize. This course offers an extension of the Building Trades I curriculum. Students will complete several practical projects more complex than those completed in Building Trades I.
Pre-Requisite(s): Building Trades I

Adopted curricular materials: Career Connections: Project Book 2

Building Trades III — 12313

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students an industry-level understanding of carpentry and the many skilled trades which residential and commercial construction utilize. This course emphasizes safety, using hand and power tools, and the completion of a fully functioning tiny house designed to provide a framework for career-based decision making in residential and commercial construction.
Pre-Requisite(s): Building Trades II

Adopted curricular materials: Career Connections: Project Book 3

Business Finance — 12010

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed for students to apply math skills to personal and business situations: keeping money records, figuring wage income, commissions, saving and investing money, figuring home and transportation expenses, taxes, sales records, and more. Homework will be assigned on a regular basis. Students completing this course will receive math credit toward graduation.

Pre-requisite(s): Mathematics I
Adopted curricular materials: Mathematics for Business and Personal Finance, McGraw-Hill Education

Business Law — 12022

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course focuses on the origin of law, present court procedures, and the rights and duties of citizens. Students will become acquainted with laws governing businesses, as well as every day agreements (contracts). With lots of human interest (every legal problem involves rights and duties of people) relevant to our present society, this is an effective course to help develop analytical abilities. Study outside class time is necessary: cases will be analyzed; spelling and definition of legal terms is included.
Adopted curricular materials: Understanding Business & Personal Law, Glencoe

CADD, Advanced — 12348

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides architectural or machine tool drafting depending on student interest. Advanced tools, techniques and theories will be covered in either area. The course will cover basic computer-assisted drafting (CADD) techniques and theories. Basic drafting and machine drawings will be used to train the student. Written assignments and projects are required. This course will transfer to a CADD program.
Adopted curricular materials: Residential Design Using Revit Architecture 2009, SDC

Careers in Education — 12610

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is a pathway Capstone course that will introduce students to a variety of careers in education. The course will consist of instructional activities and field work on topics such as positive interaction, guidance, and discipline, and developmentally appropriate activities and professionalism in a school setting.
Adopted curricular materials: Those Who Can, Teach, Cengage Learning

Careers with Children — 12606

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course trains preschool teachers and elementary instructional aides. Students practice guidance, lesson planning and presentation, age appropriate activities and classroom management. Following pre-training, students work with a training site teacher and children to practice skills and explore classroom teaching as a career. Course qualifies students for Early Childhood Education units at local community college and alternative teacher qualification for preschool programs. Community internships may include placement in preschools, daycare centers, infant centers, elementary schools, licensed family daycare homes, and recreational settings.
Adopted curricular materials: Working with Young Children, Eighth Edition, Goodheart/Willcox

Chemistry and Agriscience — 12221

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals, and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that entire project, each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program is an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) Program.
Pre-requisite(s): Biology and Sustainable Agriculture with a grade of C or better
Adopted curricular materials: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Commercial Art — 12148

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course provides students the opportunity to learn air-brush painting, as well as other kinds of painting and drawing techniques using colored pencils, pastels, pen and ink, print-making materials, and other media suitable for an advanced design and illustration course. This course is designed for intermediate to advanced art students who can work independently. Emphasis will be on creativity, workmanship and completion of a project in a mature and responsible manner. Art history, art appreciation and the development of aesthetic judgment will be a part of the course.
Pre-requisite(s): Art I or instructor approval
Adopted curricular materials: Graphic Design Solutions,Thomson/Delmar

Computer Aided Design/Drafting (CADD) — 12100

Department: Career Technical Education | **Grade Level:** 09-10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed as the foundation for all other CADD courses. The focus is on developing computer-aided design/drafting skills, for those with little or no CADD experience, using Auto CADD software. Students are introduced to the computer hardware and the latest development of program and components. Lectures and exercises cover all the basic functions such as colors, dimensioning, layers, and blocks. Projects such as creating a vise are done to learn and practice the different drawing techniques involved. The class takes in all the fundamentals in making a full-fledged drawing from scaling to plotting.
Adopted curricular materials: Applying Auto-Cad, Glencoe

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Computer Animation 12163

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course prepares students for entry-level occupations in the visual communications field. Students will gain skills in a computer laboratory in the areas of animation, film making, video, and advanced computer graphics. Students will also produce a professional portfolio, which includes a sketchbook, a storyboard example, and a videotape selection of work.
Adopted curricular materials: The Encyclopedia of Animation Techniques, Quarto

Computer Applications, Advanced 12130

Department: Career Technical Education
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

This course enables students to improve their computer skills. Students will experience more in-depth use of the computers in the areas of word processing, multimedia, and Internet with a focus on career development. Students will also have an opportunity to participate in an office simulation and apply the computer skills they have learned. This course may be repeated for a total of 10 credits.
Pre-requisite(s): Computer Technology and Intermediate Computers
Adopted curricular materials: No textbook assigned

Computer Integrated Manufacturing (PLTW) 12356

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Science Recommended (d) **NCAA: No**

This Project Lead the Way (PLTW) Engineering course builds upon concepts learned in Principles of Engineering Design. Students will continue to apply the engineering design process to manufactured items. Manufactured items are a part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing and teaches students about the manufacturing process, product design, robotics, and automation.
Pre-requisite(s): Principles of Engineering Design (PLTW) or Introduction to Enginering Design (PLTW)

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Computer Integrated Manufacturing (PLTW), Honors 12357

Department: Career Technical Education
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Science Recommended (d) **NCAA: No**

This course is one of the specialized courses in the Project Lead the Way (PLTW) Engineering program. The course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products all around us. Students build upon their Computer Aided Design (CAD) experience through use of Computer Aided Manufacturing (CAM) software. CAM transforms a digital design into a program that a Computer Numerical Controlled (CNC) mill uses to transform a block of raw material into a product designed by a student. Students learn and apply concepts related to integrating robotic systems such as Automated Guided Vehicles (AGV) and robotic arms into manufacturing systems. Throughout the course, students learn about manufacturing processes and systems. This course culminates with a capstone project where students design, build, program, and present a manufacturing system model capable of creating a product. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-Requisites: Principles of Engineering Design (PLTW) or Introduction ton Engineering Design (PLTW)
Co-Requisite: Mathematics II
Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Computer Networking Basics (LAN) 12134

Department: Career Technical Education
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

This in-depth course explores wiring, protocols, management and configuration of Local Area Networks (LAN). Upon completion of this course, students will be fluent in setup and management of LAN routers, switched hubs, servers and workstations. Students should have a firm understanding of computer operating systems (Windows or Mac) and Internet basics prior to enrolling in this course.
Pre-requisite(s): Computer Technology
Adopted curricular materials: No textbook assigned

Computer Programming Language 12110

Department: Career Technical Education
Grade Level: 11-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

This course introduces C language; the most commonly used and widely accepted programming language. This all-purpose language is a prerequisite for developing skills in object-oriented programming. Students will learn to understand the structure and function of programs written in "C." Topics include: function of the preprocessor and compiler; data type distinctions; data operators; arrays; strings; pointers; C expressions including evaluating arithmetic, relational and logical expressions; flow control functions and program structure; input/output; structures/unions; and C Library, a varied and useful resource.
Adopted curricular materials: Introduction to Computer Science C++, South Western

Computer Programming/C++ 12135

Department: Career Technical Education
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

This course introduces students to the C/C++ programming environment. Students will develop and select appropriate algorithms and data structures to solve problems; code fluently in a well-structured fashion using the programming language C++; read and understand a large problem and a description of the design and development process leading to such a program; identify the major hardware and software components of a computer system, their relationship to one another, and the roles of these components within the system; recognize ethical and social implications of computer use. Topics include C Library, a varied and useful resource.
Pre-requisite(s): C or better in one of the following: Intro to Computer Science A, Computer Science Principles, or AP Computer Science Principles
Adopted curricular materials: No textbook assigned.

Computer Science A, Introduction to 12112

Department: Career Technical Education
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

This hands-on course prepares students for careers in Computer Science. Students work on modules in computer hardware, troubleshooting, and local equipment repair. Other topics include investigating computers, upgrading computers, and network configuration.
Pre-requisite(s): Web Development

Adopted curricular materials: No textbook assigned

Computer Science B, Introduction to — 12114

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed as a second year hands-on modular course in Computer Science. Students will work with the administration of networks, local equipment repair, computer hardware, and configuration of networks. Upon completion of this course, students will have the opportunity for A+ certification.
Pre-requisite(s): Introduction to Computer Science A with a grade of C or better
Adopted curricular materials: No textbook assigned

Computer Science Principles — 12115

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This CTE Concentrator course aims to broaden participation in computer science and computing by introducing students to the main concepts of computer science by having them engage in computational thinking practices and learning how computing influences the world. The goal of this course is to provide students a foundation in computer science concepts and practices so that students learn to use reasoning. Students will engage in rigorous instruction in order to become active and informed citizens in a global and technologically-driven society.
Pre-requisite(s): Exploring Computer Science
Co-requisite: Mathematics II

Adopted curricular materials: Code.org

Computer Tech Service & Repair A — 12146

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to prepare students for a variety of entry-level careers in computer technology. Students will acquire the skills necessary to build, repair, upgrade, and install computers. Troubleshooting, as well as network installation techniques, will also be featured. It will offer a solid foundation to students who want to pursue college and/or trade schools. Students will learn skills usable on the IBM PC and Macintosh platforms.
Adopted curricular materials: No textbook assigned

Computer Tech Service & Repair B — 12147

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to prepare students for a variety of entry-level careers in computer technology. Students will acquire the skills necessary to build, repair, upgrade, and install computers. Troubleshooting, as well as network installation techniques, will also be featured. It will offer a solid foundation to students who want to pursue college and/or trade schools. Students will learn skills usable on the IBM PC and Macintosh platforms.
Adopted curricular materials: No textbook assigned

Computer Technology — 12111

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Computer Technology | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This is an introductory course providing students with general knowledge on how computers work, computer terminology, and the impact of computers on society and work environment. Students will explore digital safety and citizenship, keyboarding, word processing software, spreadsheet software, database software, programming, email, and the Internet. This course satisfies the EGUSD Technology Proficiency graduation requirement.
Adopted curricular materials: Discovering Computers & Microsoft Office 365 OFFICE 2016, A Fundamental Combined Approach, Cengage Learning

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Computers, Intermediate 12131

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides students an opportunity to continue hands-on experience with computer operations. Students will learn programming techniques, how to use advanced word-processing, desktop publishing to include multimedia presentation and other management systems.
Pre-requisite(s): Computer Technology with a grade of C or better
Adopted curricular materials: No textbook assigned

Computing with Robotics 12120

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This course introduces students to the working principles of the foundational knowledge of robotics. Students learn to control a single robot and multiple robots by graphical user interface, pose teaching, and computer programs in C/C++. This course emphasizes hands-on robotics activities with a concentration on mathematical modeling, computer programming, and algorithm development for solving problems in math and science. Through hands-on problem-based projects, students develop critical thinking, problem solving, effective communication, and team work skills. Robots are used as platforms to engage students in collaboratively learning science, technology, and math.
Prerequisite(s): Exploring Computer Science

Adopted curricular materials: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code HS

Construction Technology 12314

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

In this course, students will engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the building trades and construction industry. Technical preparation will include carpentry technology, use of measuring instruments, basic hand and power tools, reading blueprints, basic building systems, construction projects, and safety and first-aid procedures.

Adopted curricular materials: No textbook assigned.

Culinary Arts I 12427

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed for the student interested in a career in the culinary field. Students will learn techniques in food preparation, measurements and conversions, as well as safety and sanitation. Students will gain hands-on experience with stocks, mother sauces, cooking techniques, and advanced knife skills. Special units will include a focus on sustainable agriculture, "green" cooking, specific product identification, menu planning, plate presentation, James Beard Food Waste modules, and ServSafe. Students will explore a wide variety of food products as well as learn fundamental culinary skills. This course serves as the concentrator course for the Culinary Arts Career Pathway.
Adopted curricular materials: The Culinary Professional, Third Edition, The Goodheart-Willcox Company, Inc.

Culinary Arts II — 12428

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed for the continuing Culinary Arts Career Pathway student interested in gaining new and challenging knowledge and skills for personal use or with the goal of pursuing a career in the culinary field. Students will create a personal portfolio while learning advanced techniques in the areas of use of herbs and spices, sauce-making, cooking methods (grilling, sautéing, braising, etc.), working with a variety of culinary equipment, food/plate presentation, and James Beard Food Waste modules. Students will explore a wide variety of specialty foods and the latest food trends. Students will also gain experience in planning special events and entertaining with food. Careers relating to the culinary arts will be examined with guest speakers and/or field trips.
Pre-requisite(s): Completion of Culinary Arts I with a C or better
Adopted curricular materials: Professional Cooking, Eighth Edition, John Wiley & Sons, Inc.

Culinary Arts III — 12429

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This culinary Capstone course will engage students in a student-led enterprise paired with industry partners. Students will take part in hands-on experiences working in the school café/restaurant or other production-kitchen experiences as well as off-site catering events.
Pre-requisite(s): Culinary Arts I and Culinary Arts II
Adopted curricular materials: The Culinary Professional, Third Edition; The Goodheart-Willcox Company, Inc.

Culinary Arts, Introduction to — 12425

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed for the student who is interested in gaining new and challenging knowledge and skills for personal use or with a goal to pursue a career in the culinary field. Students will learn basic techniques in food preparation, measurements, and conversions as well as safety and sanitation. Students will gain hands-on experience with stocks, mother sauces, cooking techniques, and advanced knife skills. Special units will include a focus on sustainable agriculture, "green" cooking, specific product identification, menu planning, and plate presentation. Students will explore a wide variety of food products as well as learn fundamental culinary skills. This course can serve as the introductory course for the Culinary Arts Career Pathway.
Adopted curricular materials: Culinary Essentials, Glencoe McGraw-Hill

Database Design and SQL Programming — 12119

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to prepare students who would like to experience a CTE college preparatory course. Students will learn database design and Structured Query Language (SQL). Students engage in hands-on learning and develop skills in Database Design, SQL, and/or PL/SQL along with career skills such as problem solving, collaboration, and critical thinking. The knowledge and practical skills students gain will help them advance their academic studies in computer science or enter the job market across industries.
Pre-Requisite: Exploring Computer Science and Computer Science Principles
Adopted curricular materials: Oracle Academy

Design and Manufacturing 12330

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course emphasizes aesthetics and creativity, design, drafting, and project manufacturing. Students will use tools and machines safely and efficiently to manufacture parts and products. Assigned and individualized projects, along with course work on the history of design and manufacturing, will be included. Tests will be given regularly and students will be expected to participate in projects and other assignments. Students must pass a safety test in the first five days to remain enrolled. No new enrollment will be permitted after the first five days of instruction.
Adopted curricular materials: No textbook assigned

Design Implementation 12320

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course will emphasize aesthetics and creativity, design, drawing, and project implementation. Sculpturing experiences in wood, metal, and clay will be included. Assigned and individualized projects along with course work on history of design and construction are also included. Tests will be given regularly and students will be expected to participate in projects and other assignments. Aesthetic judgment will be a part of the course.
Adopted curricular materials: No textbook assigned

Digital Art and Graphic Design II 12144

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to build upon the skills and techniques learned in Computers and Graphic Design and in the Digital Art course. Students will learn advanced tool skills in Adobe's Creative Suite (Photoshop, Illustrator, and InDesign). These skills will be applied to advanced personal and community projects. Students will have opportunities to work with real clients and explore careers in the field. Emphasis will be on expanding creative thinking as a valuable tool for visual problem solving and applying those skills in the marketplace. A professional attitude is required. Design process, terminology, history, and aesthetics will continue to be a focus.
Pre-requisite(s): Digital Art and Graphic Design Production

Adopted curricular materials: No textbook assigned

Digital Art/Graphic Design Production 12143

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course allows students to study and practice several areas of contemporary graphic production and illustration with a strong emphasis on computer-generated art and graphics. This course is intended for art students who can work at an independent and mature level. Students will work with current software, hardware and graphic technologies and will learn about career opportunities in the graphic arts. Basic computer use and operation, as well as the basic elements of art and the principles of design, will be studied. In addition, art history, art appreciation, art criticism and judgment will be included in the course of study. Students are strongly recommended to complete Art I and Computer Technology prior to the class.
Adopted curricular materials: Communication Through Graphic Design, Davis Publishing

Digital Media Arts I 12157

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is an introduction to the ever-expanding world of digital media and the art forms that it supports. This course has a focus on digital media production from video and audio to special effects and animation.
Adopted curricular materials: No textbook assigned

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Digital Media Arts II — 12158

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course, open to all EGUSD students, is designed to prepare students to use 21st century tools, coupled with creativity, to produce high-quality digital media projects. Digital Media Arts II focuses on the world of digital media production from video and audio to special effects and animation. This advanced course focuses on the ever-expanding world of digital media and the art forms that it supports, providing an opportunity for interested students to improve their craft and expand their knowledge and to better prepare them for college and career.
Pre-requisite(s): Digital Media Arts I or Animation I
Adopted curricular materials: Television Production Handbook, Tenth Edition, Wadsworth Cengage Learning

Digital Photography II — 12166

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This concentrator course in the Arts, Media, and Entertainment industry sector applies learning from Introductory and Intermediate Visual/Commercial Art in a project-based environment. Course work will focus on 2-D products and their application to arts-related industry and commercial environments. Skills and knowledge will be demonstrated in both the educational and work setting. Instruction will focus on applying student knowledge of digital photography, art, and design in creative environments. Students will create artistic and industry-standard products that demonstrate entry-level workforce skills and comprehensive knowledge of arts, media, and entertainment industry practices.
Pre-requisite(s): Photography I or Digital Art/Graphic Design Production

Adopted curricular materials: No instructional materials assigned

Drafting I A/B — 12101

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides basic drafting tools, techniques and theories. It includes introduction to blueprint reading, basic drafting and machine drawing. Written assignments and basic drawing are required. An articulation agreement for college credit allows Advanced Placement agreement for college credit for students who complete both semesters of this course with a grade of B or better.
Pre-requisite(s): Drafting IA is required for enrollment in Drafting IB
Adopted curricular materials: No textbook assigned

Economics in Agriculture — 12215

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: Other (g) | **NCAA: Yes**

This agri-business course is designed to introduce students to the basic principles of all economic systems with special emphasis on the areas of individual student decision making and world economy as they relate to agriculture. Other topics to be covered will be a) free enterprise business types; b) government and law in the economy; c) credit; and d) taxes. Students will be expected to carry on some type of ownership or non-ownership experience program dealing with agriculture or a related field. This course is designed as part of a series of courses to prepare the student for college level entry into the various disciplines of agricultural science. Students will be exposed to the FFA, supervised occupational experience programs, and careers in Agriculture Business.
Adopted curricular materials: Impact California Social Studies: Principles of Economics, Copyright 2019, McGraw-Hill Education

EKG Technician — 12655

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 15.0** | **Max Credits: 15.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course, open to all EGUSD students, is designed to train students to set up and run a 12 lead EKG and attach a Holter monitor. Instruction is provided in the anatomy and physiology of the heart and terminology common to the cardiovascular system. Interpretation of EKGs includes heart rate, basic rhythm strips, and the identification of rhythm abnormalities. Students are trained to recognize changes in EKGs, heart blocks, hypertrophy, infarction, and emergency situations that require immediate action. Hands-on training is an integral part of this training. English language arts and math are reinforced throughout the course.
Adopted curricular materials: No textbook assigned

Empowering Entrepreneurs I — 12510

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Electives (g) | **NCAA: No**

This course is designed to empower entrepreneurial literacy among high school students through a project-based learning approach. At the completion of this course, students will successfully apply concepts regarding the human characteristics (collaboration, communication, creativity and critical thinking) vital for entrepreneurial thinking in a 21st century global world.
Pre-requisite(s): General Business
Adopted curricular materials: Entrepreneurship, Ideas in Action, Cengage Learning

Empowering Entrepreneurs II — 12511

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This advanced course is designed to further students' understanding of entrepreneurial literacy introduced in Empowering Entrepreneurs I. Students will synthesize the aspects of entrepreneurship and focus on running and expanding a business. Students will apply their knowledge in a cumulative project that involves developing a business plan and competing for start-up funds.
Pre-requisite(s): Empowering Entrepreneurs I
Adopted curricular materials: Entrepreneurship, Ideas in Action, Cengage Learning

Engineering A — 12340

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed for students to engage in various hands-on activities to explore the nature of assorted engineering fields. During this exploration, students will gain insight into the educational requirements of the engineering profession, required skills for most engineers, and the roles and functions of engineers. In addition, through challenging and enjoyable projects, students will learn Newton's Laws of Motion, the cornerstone of engineering. Other problem-solving projects will focus on mechanical engineering, electronic engineering, structural engineering, and electrical engineering. While utilizing the engineering design process, students will design, develop, model, and test an engineering solution based on given criteria.
Pre-requisite(s): CADD at Pleasant Grove High School. Exploring Technology at Monterey Trail High School
Adopted curricular materials: No textbook assigned

Engineering B — 12341

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to build on the foundation begun in Engineering A. Students continue to survey aspects of the primary engineering disciplines and principles of engineering style problem solving. The course focuses on providing necessary introductory skills mastery of Auto CADD 2D and 3D functions required to visualize and document engineering and architectural designs. Assignments reflect introductory to moderate complexity and reflect industry standards for general graphics, design drawings and technical working drawings. Traditional technical drawing concepts are presented, as well as assignments in reading and interpreting various types of technical working drawings. Students also produce one research paper and various other written assignments related to engineering/architectural problem investigations.
Pre-requisite(s): Mathematics I or higher mathematics and Engineering A with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

Engineering C I — 12342

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to moderately complex projects and problems common to architecture and the building design engineering disciplines (geotechnical, civil, structural, mechanical HVAC, electrical). Intermediate to advanced AutoCADD functions for 2D and 3D are explored in the context of pursuing design solutions and appropriate design working drawings for the class assignments. Concepts related to quality control, methods and materials of building construction, building codes and energy efficiency are introduced and underlie the project criteria. Advanced concepts for using CADD in a team/multi person project environment are explored. Written reports accompany each project and one formal research paper on a related topic is required.
Pre-requisite(s): Mathematics II or higher mathematics and Engineering B with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

Engineering C II — 12343

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to moderately complex projects and problems common to engineering practice in the fields of manufacturing, electrical/electronics/computer engineering, traditional mechanical engineering, and robotics. Intermediate and advanced AutoCADD functions for 2D and 3D are explored in the context of pursing design solutions and appropriate design working drawings for class assignments. The course introduces concepts related to quality control, process analysis methods, and materials of manufacturing. These principles underlie assignment criteria. Advanced concepts for using CADD in a team/multi person project environment are explored. Written reports accompany each project and one formal research paper on a related topic is required.
Pre-requisite(s): Mathematics II or higher mathematics and Engineering B with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

Engineering Design A — 12346

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This is a year-long course designed to introduce design principles through the use of a variety of computer applications. Students will use current computer hardware and software to learn basic functions such as lines, colors, dimensioning, layers and blocks. Projects include a series of 2D mechanical, civil and introductory architectural drawings. Drawing fundamentals will be taught from conception to drawing and scaling to plotting. This course is aligned with the Career Technical Education Engineering and Design Industry Sector and supports select math, English, and history/social science standards.
Pre-requisite(s): Mathematics I and one of the following: CADD, Drafting I A/B, or Engineering Technology
Adopted curricular materials: Applying Auto CAD 2009, Glencoe/McGraw-Hill

Engineering Design and Development Honors (PLTW) 12363

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Science Recommended (d) **NCAA: No**

This CTE Capstone honors course challenges students to use skills and knowledge learned throughout their Project Lead the Way (PLTW) courses. Students will identify an engineering-related problem and present their solution to a panel of engineering professionals. This is a project-based course that applies science, math, and technology in various areas of engineering. Students will document a design process to industry standards and be prepared for a post-secondary program or career. Honors-level work includes a final project and presentation. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Mathematics I or equivalent, Principles of Engineering Design (PLTW) (12360), and Computer Integrated Manufacturing (PLTW) (VHS, 12356) or Aerospace Engineering (PLTW) (FHS, 12361)
Co-requisite: Mathematics II

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Engineering Design B 12347

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

This course is designed to advance engineering design principles though the three dimensional mechanical and architectural drawings. Students will review and reinforce basic computer-assisted drafting techniques and theories and then produce a series of advanced drawings. AutoCAD software, including Revit and Inventer applications, will be used to create 2D, 3D, parametric models, and simulations. Projects include a series of 3D mechanical drawings and a complete architectural drawing of a 1,200 square foot house. Design engineering occupations will be reviewed and USGBC LEED (Leadership in Energy and Environmental Design) principles will be taught, researched, and followed in the development on the house design. This course is aligned with the Career Technical Education Engineering and Design industry Sector and it supports math, English, science, and history/social science standards. Seniors enrolling in Engineering Design B may request senior year math credit for the course.
Pre-requisite(s): Mathematics I and Engineering Design A. Concurrent enrollment in Mathematics II or higher level math class
Adopted curricular materials: Applying Auto CAD 2009, Glencoe/McGraw-Hill

Engineering Technology 12355

Department: Career Technical Education
Grade Level: 10 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

This course is designed to create an interest in engineering as a career goal and provide hands-on instruction in a variety of related technologies. Scientific principles, mathematical concepts, and communication skills are taught through an activity-oriented approach. Robotics, electronics, hydraulics, pneumatics, and computer design technologies will be explored by all students. Students will combine interdisciplinary skills to produce a final project including all steps of the design process.
Adopted curricular materials: Foundations of Engineering & Technology, 7th Edition, Copyright 2019, The Goodheart-Wilcox Company, Inc.

Entertainment Art and Design — 12141

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course, open to all EGUSD students, will offer participation, discussion, guest presentations, and projects on the developing culture and technology of computer and video game design. Class contexts include: entertainment media, computing technology, applications of gaming technology, business history, strategy guide writing; video game design, promotion, marketing, play testing, and team competition; games from Chess to Spacewar; the role of artificial intelligence research; history of computer graphics and sound technology; the evolution of techniques and genres of computer game design; business competition; games and the microcomputer revolution; networked gaming; gadgets and games as factors in the evolution of software and hardware; virtual worlds; simulation; video and computer game industries. Students should come away from the course with an understanding of the various possibilities of employment within the video game industry, as well as insights into design, production, marketing, and socio-cultural impacts of interactive entertainment and communication.
Adopted curricular materials: No textbook assigned

Entrepreneurship I — 12505

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides students with insight and knowledge into developing their entrepreneurial opportunity and creating a business plan for it. Students will research entrepreneurial ideas and determine how to turn an idea into a successful startup enterprise given the current and anticipated demographic, technological, and social climates. Students will also be offered an organized, step-by-step approach to preparing a business plan. Students will analyze the organization and management of a business and map out how to execute a business venture.
Pre-Requisite: None

Adopted curricular materials: Entrepreneurship: Ideas in Action, 6th Edition

Entrepreneurship II — 12506

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides a survey of all business areas, including accounting, law, human resources, management, marketing, economics, and finance. The course is designed to be taken by students interested in business.
Pre-Requisite(s): Entrepreneurship I
Adopted curricular materials: Virtual Business Entrepreneurship, digital resource, 2022, ttps://knowledgematters.com/highschool/entrepreneurship/

Entrepreneurship III — 12507

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides an overview of the various elements involved in starting and operating a small business, including management. Students will review and revise their business plan, find financial resources, develop personal and business goals, design marketing concepts, and understand the legal aspects of owning a small business.
Pre-Requisite(s): Entrepreneurship II
Adopted curricular material: Virtual Business Entrepreneurship, digital resource, 2022, https://knowledgematters.com/highschool/entrepreneurship/

Entrepreneurship: Turning Risk Into Success — 12504

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course will teach students to turn ideas into action. The students will actively engage in the lessons and develop an actual student-run business along with receiving instruction in the areas of entrepreneurship, small business management, business planning, project management, oral and written presentation skills. This course emphasizes activities and techniques that develop competencies needed to become a successful business leader. The second half of this course is designed for students to run their student business and prepare for the Students for the Advancement of Global Entrepreneurship (SAGE) competition in the spring. To this end, students will hold a position within the business and be evaluated on their effectiveness in carrying out the duties and responsibilities of that position.
Pre-requisite(s): Completion or concurrent enrollment in Computer Technology with a grade of C or better
Adopted curricular materials: No textbook assigned

Environmental Architecture — 12354

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to architectural design and drafting with an emphasis on the environmental aspects that residential communities have on the environment. Students will incorporate content knowledge from their academy Ecology course into the architectural design process to develop architectural drawings of a passive solar home. Architectural design topics such as floor plans, plot plans, site plans, schedules, electrical plans, plumbing plans, room planning, elevations, building and wall sections, wall and ceiling construction, footings and foundations, roof designs, doors and windows, stairs, fireplaces and chimneys, perspective and presentation drawings, as well as ancillary and passive heating and cooling systems, passive solar design, the solar slab, climate control systems, xeriscape landscaping and topography, and energy efficient appliances are incorporated into the design process. This course is designed to prepare motivated students who plan on majoring in related fields of architectural engineering.
Pre-requisite(s): Computer Aided Design/Drafting (CADD)
Adopted curricular materials: Architecture and Residential Drawing and Design, Goodheart-Wilcox

Exploring Computer Science — 12137

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course focuses on the creative, collaborative, interdisciplinary, and problem-solving nature of computing, featuring an inquiry-based approach to learning and teaching. As part of this curriculum, students will develop real-world computing problems that are culturally relevant and address social and ethical issues while delivering foundational computer science knowledge to students. Students will engage in several in-depth projects to demonstrate the real-world application of computing.
Pre-requisite(s): Computer Technology (recommended)

Adopted curricular materials: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code.org; Code HS

Exploring Technology — 12350

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course explores Computer Aided Drawing/Computer Aided Machining/Computer Aided Control milling and lathe machinery, aerodynamics, digital TV/Video production, small engine assembly, transportation, plastics, pneumatics, electronics, biotechnology, research and design, robotics, along with general hand tool usage and more. This course, along with an action based project presentation (PowerPoint) will provide students an opportunity to examine many different modern technologies as well as careers associated with them. Students who receive a pass on the district's speech requirement scoring rubric will fulfill the district's speech requirement. Students must be concurrently enrolled in Drafting 1A. This course may be repeated for a maximum of 10 credits.
Pre-requisite(s): Students must pass safety test within first 5 days of class. Students cannot enroll after 5th day of instruction. Students who do not pass the safety test will be dis-enrolled from the course.
Adopted curricular materials: No textbook assigned

Fabrication With Wood and Metal — 12213

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course offers practical experiences in arc and oxyacetylene welding, identification and use of tools and equipment as well as building projects with wood and metals. Students will be expected to complete two to three projects of their own choosing. These are graded. Tests will be given regularly and students will be expected to participate in projects and other assignments.
Pre-requisite(s): Design Implementation

Adopted curricular materials: Agricultural Mechanics and Technology Systems, Copyright 2017, The Goodheart-Wilcox Company, Inc.

Fashion I — 12530

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Visual and Performing Arts (g) | **NCAA: No**

This course offers students an introduction to an exciting career pathway in fashion and merchandising and provides them with the background they will need to be successful within various career opportunities in the fashion industry. Students will learn the basics of design, sewing, marketing, and merchandising fashion products. This is a project-based class in which students will continue to build their 21st century skills in collaboration, communication, critical thinking, and creativity. It will culminate in two final semester projects that demonstrate their knowledge of design, illustration, basic sewing techniques, and apparel construction. In addition, this course provides an interdisciplinary approach to fashion design and merchandising through the integration of English Language Arts, Mathematics, Economics, History, and Visual Arts. This course will provide students various opportunities to meet the Speech Proficiency for Graduation Requirement.
Pre-requisite(s): Art I with a grade of C or better
Adopted curricular materials: Apparel Design, Textiles & Construction,11th Edition; The Goodheart-Willcox Company

Fashion II — 12535

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Visual and Performing Arts (g) | **NCAA: No**

This course builds on the skills learned in Fashion I and expands students' knowledge of apparel design and construction. As part of the career development portion of this course, students take a deeper look at specific careers in the fashion and textile industry. Students gather work from various assignments, projects and labs to create a professional portfolio. This is a project-based course that uses an interdisciplinary approach to the fashion industry; science, math and technology will be applied in various areas of the fashion and textile design process to build career skills to develop fashion designs, illustrations, patterns, and textiles. Sewing is a key component of the course; basic and advanced sewing techniques will be used to complete two separate apparel construction projects.
Pre-requisite(s): Fashion I with a grade of C or better
Adopted curricular materials: Apparel Design, Textiles & Construction,11th Edition; The Goodheart-Willcox Company

Fire and Emergency Medical Responder — 12029

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course focuses on skills necessary to become Emergency Medical Responders (EMR's) and provides students a variety of opportunities to engage in work-based learning activities with the Sacramento Fire Department and other emergency and fire professionals. By the end of this course, students will acquire a wide range of skills and knowledge that will prepare them for college, career, and life. This course earns UC and CSU elective credit.
Pre-requisites: Completion of Fire and Emergency Services, Introduction to with a grade of C or better; English 10; and Integrated Mathematics II (recommended)
Co-requisites: CPR and First Aid
Adopted curricular materials: Essentials of Fire Fighting and Fire Department Operations, BRADY Publishing, a division of Pearson Education

This course is scheduled to become active in the 2019-2020 school year.

Fire and Emergency Responders: Service Learning — 12027

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is an expansion of the "Focus on College and Career" course offered during the first semester of ninth grade. This course narrows the student's focus to public service careers including fire science, emergency medicine, wild land services, and emergency management. The course content includes classroom instruction, hands-on training, and community experiences. This course is designed to provide students with an understanding of the variety of public service agencies, employment opportunities, and the necessary skills needed for employment in the area of Emergency and Fire Services. At the conclusion of this course, students will complete a service learning project focused on the public service field.
Pre-requisite(s): Focus on College and Career
Adopted curricular materials: No textbook assigned

Fire and Emergency Services, Introduction To — 12028

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is a preparatory course for the EMT (Emergency Medical Technician) program and is designed to prepare students for both entry-level positions in to the Fire and Emergency Services field and for success in post-secondary education. The course engages students in learning about the philosophy, history, future, and components of the emergency system, the well-being of the first responders, the responsibility of emergency services in a community, and legal issues related to emergency services. The course provides students with a comprehensive understanding of anatomy, physiology, and medical terminology. Students will have the opportunity to apply their learning through work-based learning activities with the Sacramento Fire Department and other public service partners as well as obtain the HEED (Health Education) certification.
Pre-requisite(s): Fire and Emergency Responders: Service Learning with a C or better, English 9 (required), and Mathematics I (recommended)
Co-requisites: CPR and First Aid (Recommended) and Biology (Recommended)
Adopted curricular materials: Essentials of Fire Fighting and Fire Department Operations, BRADY Publishing

Fire and Emergency Services: Senior Seminar — 12030

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides students the opportunity and support to apply the skills and knowledge they have gained in their fire science pathway core courses through the creation of a portfolio, project of choice, and internship or job shadow with the Sacramento Fire Department. The student portfolio will include letters of commendation and recommendation, certifications, exemplar work samples, transcripts, and other career/academic-related documents. The project of choice will include a project proposal, research, a written paper, and a presentation. Internships and job shadows will be available for students who demonstrate knowledge and skill mastery. Students in this capstone course will apply their prior learning to an advanced study in the fire and emergency services field by having the opportunity to experience hands-on tasks in their area of specialization. This course is designed to fully prepare students for their transition into college and career opportunities within the fire and emergency services field. This course earns UC and CSU elective credit. This course is required for the Emergency Response Pathway at Valley High School.
Pre-requisites: Completion of Fire and Emergency Medical Responder with a grade of C or better; English 11; and Integrated Mathematics III (recommended)
Co-requisites: CPR and First Aid; AED
Adopted curricular materials: Essentials of Fire Fighting and Fire Department Operations, BRADY Publishing, a division of Pearson Education
(Course Code #12030 - Public Service section of the HS Course Catalog for the following site:
Valley High School)

This course is scheduled to become active in the 2020-2021 school year.

Floral Design and Merchandising — 12228

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course allows students to learn professional florist skills for employment in the floral field. Students will learn: proper care and handling of flowers, plants, and foliage; to evaluate floral materials and arrangements; to utilize floral tools, supplies, and products; to apply design principles to floral medium; to construct arrangements for all occasions; to display, price, and market floral designs; to preserve floral materials. After this class, students will be prepared to secure a job in the floral industry.
Adopted curricular materials: The Art of FloralDesign, Delmar

Floral Design II — 12219

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Elective: Other (g) | **NCAA: No**

In this course students will explore the floriculture industry on a more technical and advanced level. Students will expand upon their creative expression, aesthetic valuing, perceptions and historical and cultural context. The art elements and principles of floral design will serve as a foundation for each unit. Students will be exposed to wedding and event planning, including floral consultation, construction and set up.
Pre-requisite(s): The Elements and Principles of Floral Design
Adopted curricular materials: No textbook assigned

Foods and Nutrition I — 12423

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to basic food knowledge and preparation skills. Students will gain hands-on experience creating menu items in areas such as: breads, fruits, vegetables, desserts, soups, salads, etc. Assignments will include topics relating to: nutrition, healthy eating, food knowledge, and time management. Students will gain experience using a wide variety of food preparation equipment, and develop skills such as knife techniques, measuring, menu creation, and food presentation. This course can serve as the introductory class for students seeking a culinary career path.
Adopted curricular materials: No textbook assigned

From Classroom to Career: Educational Pathways — 12609

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Electives (g) | **NCAA: No**

This course will prepare students for careers in the field of education through both the integration and development of core academic content and field experience. Students will also learn the professional norms, skills, and competencies related to careers in education. Students will develop a deeper understanding of human development and effective educational practices by incorporating a work-based learning component. Students will develop critical thinking skills through the application and integration of academic and career technical industry-specific skills during an internship at a local school. Their experiences will prepare students to pursue post-secondary education in related fields of study.
Adopted Curricular Materials: The Big Interview

Fundamentals of Public Health — 12408

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to allow students to gain knowledge in public health, leading to eventual Community Health Worker (CHW) certification for candidates who fulfill CHW certification requirements. This year-long course will provide instruction through lectures, research projects, and field work and is designed to be taken by students as part of the Health TECH Academy. The first semester will provide the foundational knowledge, in non-infectious and infectious diseases and advanced nutrition, necessary to organize community presentations and conduct field work at health fairs and other related events. Students will be expected to complete a group project in one area of nutrition. The second semester of this course is designed to provide students with the knowledge and understanding of the roles and core competencies of CHWs and their role in the healthcare delivery system. Students will gain research skills, hands-on skills, and presentations skills and will build critical thinking skills by analyzing various case studies. Students will gain knowledge and cultural competency and apply this knowledge through a group project called the Cultural Awareness Community Health Education (CACHE) Outreach Project.
Pre-requisite(s): Health
Adopted curricular materials: Glencoe Health, McGraw Hill

General Business 12500

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to the entire field of business careers, the function of money (making it as well as spending it), checking accounts, budgets, credit and purchasing. The course is a good foundation for other business courses.
Adopted curricular materials: Introduction to Business, McGraw-Hill Education

Green Energy Technology I 12751

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

This course is designed to engage students in hands-on/project based learning to explore the technology associated with solar energy and wind power. During this exploration, students will gain insights into the educational requirements for work in the rapidly growing field of Renewable Energy. They will develop the skills needed in the design and construction of a solar case and wind turbine. These large scale projects will interface and charge a battery/inverter system. Using the engineering design process, students then take these systems and design, develop, model and test a solution to an energy related issue. Throughout the course students will listen to speakers from the companies who have partnered with the academy, take field trips to energy related facilities, and explore the careers available in the Renewable Energy Industry.
Pre-requisite(s): Introduction to Green Energy Technology
Adopted curricular materials: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Green Energy Technology II 12752

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

This course is designed to engage students in hands-on/project based learning to explore the technology associated with biofuels and alternative transportation. During this exploration, students will gain insights into the educational requirements for work in the rapidly growing field of Renewable Energy. Students will partner with mentors in the biofuel and alternative transportation fields of research, and work with these professionals to design and develop systems to create biofuels and modified electric vehicles. Using the engineering design process, students then take these products and design, develop, model and test a solution to an energy related issue. Throughout the course, students will listen to speakers from the companies who have partnered with the academy, take field trips to energy related facilities, and explore the careers available in the Renewable Energy Industry.
Pre-requisite(s): Intro to Green Energy Technology and Green Energy Technology I
Adopted curricular materials: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Green Energy Technology III 12753

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

This course is designed to place students into programs sponsored by academy partners. Internships, collaborative research and certification programs will be available through industry partners, union shop training programs, and post-secondary institutions. The research will be set in collaboration with institutions of higher learning and industries/corporations pursuing research and development. Internships will focus on job readiness, career planning and exposure to work in the energy and utilities job sector. Whether a student plans to attend a two or four year institution, enter into a career technical education training program, or go directly into the workforce upon graduation, the senior GETA course will uniquely prepare each student for post-secondary success.
Pre-requisite(s): Intro to Green Energy Technology, Green Energy Technology I and Green Energy Technology II
Adopted curricular materials: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Health Tech Internship — 12418

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides students with a variety of skills and opportunities related to healthcare. The internship can be taken during any class period with some projects and training completed outside the school day. Students in this course will run the Health TECH Academy newsletter, manage the annual Health and Fitness Expo and academy events, and work with professionals to find internships, community service opportunities, and other forms of assistance for the academy. Students will serve as peer coaches, helping academy students with tutoring or conflict resolution as needed. Students will also become familiar with all health screenings and trainings offered and will help assess/train other academy students. Finally, Health TECH Internship students will take their skills to the community by offering screenings at appropriate venues. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Admission to the Health TECH Academy
Adopted curricular materials: No textbook assigned

Human Body Systems Honors (PLTW) — 12162

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This course examines the interactions of human body systems. Students will explore identity, power, movement, protection, and homeostasis; build organs and tissues on a skeletal mode, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Biology of the Living Earth
Co-requisites: Mathematics I and Student must be enrolled in the Biomedical Academy

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Internet Engineering I — 12117

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This interdisciplinary course is designed to prepare students for post-secondary success in the Information and Communication Technologies (ICT) field. Students will learn about the history and implications of network communications; the protocols which make the Internet possible; how networks provide access to services; and college and career preparation in the ICT field. This course integrates the theory and application of network communications and exposes students to media that invites them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college-ready writing, collaborate, research, develop study skills, and develop 21st century skills in this course.
Pre-requisite(s): Exploring Computer Science (recommended)
Adopted curricular materials: Cisco Networking Academy (an online curriculum)

Introduction to Engineering Design (PLTW) — 12349

Department: Career Technical Education | **Grade Level:** 09-10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This Project Lead the Way (PLTW) Engineering course challenges students to work in teams to solve problems as they learn about the design process, complete design exercises, and use a rapid prototyping machine, learn to reverse engineer products, and solve open-ended design problems.
Pre-requisite(s): Mathematics I with a grade of C or better (or, for incoming 9th Graders who did not take Mathematics I as an 8th grader, Mathematics 8 with a grade of C or better)

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Introduction to Green Energy Technologies — 12754

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course is designed for students interested in exploring or pursuing careers in the Green Energy Technology field. Students will study and explore the technologies of green energy production from sources of solar, hydrogen, wind, and water. This would include hands-on projects such as solar race cars, hydrogen powered vehicles, and miniature wind and water turbines. Students will also learn the concepts of computer-aided design (CAD) and computer numerical software (CNC), interface these with learning how to critically examine and understand an engineering design challenge, and then propose, design, fabricate, and report out on the solution. This course may not be repeated for credit.
Pre-Requisite(s): None
Adopted Curricular Material: Core Curriculum, Introductory Craft Skills, Trainee Guide

Journalism Production I — 12164

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course covers the desktop publishing of the campus newspaper and yearbook. Production of a print newspaper, on-line newspaper, and yearbook topics will be taught. The class involves training and hands-on experience in the following areas: writing and evaluating various types of articles; proofreading, editing, reporting, interviewing; use of technology such as Microsoft Word, Adobe InDesign, Adobe Photoshop, and Adobe Dreamweaver for desktop publishing; digital photo editing; and web publishing.
Adopted curricular materials: No textbook assigned

Leading the Community — 12611

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This is the capstone course in the Leading Youth for Tomorrow's Educators (LYFTE) Pathway that provides future leaders and educators of tomorrow the opportunity to demonstrate and apply their knowledge and skills through hands-on activities and projects. Students will have the opportunity to participate in internships with local leaders and educators providing real-world exploration in a variety of careers within leadership and education. This class will prepare students to be college, career, and life-ready citizens.
Pre-requisite(s): Understanding Leadership in the Community and Careers in Education
Adopted curricular materials:
The First Days of School, How to be an Effective Teacher, Harry K. Wong Publications, Inc. 2018
The 7 Habits of Highly Effective Teens, Simon & Schuster, Inc. 2014

Legal Careers I — 12023

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course presents a comprehensive and pragmatic overview of today's legal system and is designed to prepare and train students to work in the legal field as paralegals, legal assistants, legal secretaries, certain legislative roles, as well as anyone working in a law office, and even lawyers. While developing a basic working knowledge of legal careers, students acquire introductory skills that lead to employment and gain information to pursue advanced legal careers. Through study of actual cases and operations of law related employers, students are actively engaged.
Adopted curricular materials: The Professional Paralegal, McGraw-Hill

Legal Careers II — 12024

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Legal Careers II is the final course in the Legal careers series. This program presents information easily accessed by students and offers many opportunities for discussion, research and review. The use of profiles, experiences and case studies of legal professionals woven throughout the program will provide personal and motivating insight while introducing practical tools, substantive issues and the all- important consideration of ethics. It is filled with practice tools such as charts, diagrams, checklists, exhibits and forms. There will also be discussion questions, guest speakers, case examples, and a work component that will encourage discussion of the content and concepts presented.
Adopted curricular materials: The Paralegal Resource Manual, McGraw-Hill

Machine Learning Honors — 12102

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course uses interdisciplinary techniques including statistics, linear algebra, optimization, and computer science to create automated systems that can sift through large volumes of data to make predictions or decisions. After taking this class, students will know what problems machine learning can solve and apply the algorithms to them. Students will also clean up data sets, organize them into training and testing sets, and find the model that best fits the data. Examples of these models include improving search engines, email spam filters, face recognition, and product recommendations. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre/Co-Requisite: Completion of or concurrent enrollment in Pre-Calculus
Adopted curricular materials: No textbook assigned

Manufacturing and Product Development, Intro to — 12366

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course introduces students to manufacturing and product innovation and design. Students learn about careers in manufacturing, manufacturing processes, product innovation and design as well as explore the development of projects throughout the class. Manufacturing is an in-demand field, particularly in the Sacramento region, and this course exposes students to what this field has to offer. Pre-Requisite: None
Adopted curricular materials: No textbook assigned

Marketing — 12501

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course allows students to gain an understanding of how the marketing functions of product, place, price, and promotion are integrated in the business environment. The marketing principles and concepts learned in class are designed to prepare motivated students who plan to major in marketing, management, or business in college, who have aspirations to own/operate their own business, and/or who desire employment or are currently working in marketing occupations.
Pre-requisite(s): Computer Technology.
Adopted curricular materials: No textbook assigned

Marketing & Leadership Principles I — 12502

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course focuses on marketing functions and foundations and their relationship to the competitive enterprise system in which we live. Marketing is a people-oriented field; marketing is the process of determining consumer needs and then directing products, ideas and services to meet those needs. Leadership skills are reinforced through participation in the Career Technical Education student organization, DECA/FBLA. Students may be involved with DECA/FBLA at the district, state, and national levels and will have the opportunity to earn recognition and awards. The marketing and leadership principles class is designed to prepare motivated people who plan to major in marketing, management or business in college, who have aspirations to own their own business, and/or those who are seeking employment or currently working in marketing occupations.
Pre-requisite(s): Computer Technology
Adopted curricular materials: No textbook assigned

Medical Assistant — 12654

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 30.0** | **Max Credits: 30.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This intensive year-long course meets daily for a three-hour period. Students focus on the two components of the medical assistant's role: front office tasks (administrative) and back office procedures (clinical). CPR and first aid certifications may be provided. A successful completer of this course will also be prepared to take the medical assisting certification exam required by many health care employers. This course is designed for high school seniors interested in starting a career in the medical field upon graduation. Due to the rigor and pace of this course, students must be highly motivated and committed to attending the course daily for the entire period.
Adopted curricular materials: Kinn's The Medical Assistant, An Applied Learning Approach, 14th Edition, Elsevier, Inc.

Medical Assisting: Senior Seminar — 12667

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course was designed to prepare students for careers in the field of Medical Assisting through the integration and development of core academic content. Students will also learn the professional norms, skills, and competencies related to a career in medical Assisting. The course is based on currently accepted academic and career and technical education standards. Students will learn and practice the many skills required of medical assistants, including the ability to prepare patients for examination and treatment, the ability to perform various laboratory tests, and management of patient records. Emphasis is placed on the relationship between patient health and biological processes. This course includes work-based learning in medical offices/clinics.
Pre-requisite(s): Medical Terminology for Healthcare Careers and English 11 (recommended)
Co-requisite: None
Adopted curricular materials: Kinn's The Medical Assistant, An Applied Learning Approach, 13th Edition, Elsevier Inc.

Medical Careers I — 12668

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

This course is the first in a series of three elective courses designed to prepare students to enter a career in healthcare. This course exposes students to the healthcare industry by surveying healthcare occupations. Students will learn about the anatomical structures of the human body, medical terminology, and skills that apply to a variety of health occupations. Students will explore the major career fields and be able to distinguish between technical, professional, and entry-level positions within each area.
Pre-requisite(s): Mathematics I with a grade of C or higher; English 9 with a grade of C or higher; Biology (recommended); and Focus on College and Career (recommended)
Co-requisite: Biology and Mathematics II
Adopted curricular materials: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition; Study Guide-Procedure Checklist Manual for Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Careers II — 12669

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

This course integrates Next Generation Science Standards (NGSS) with Patient Care Health Pathway standards. Students will investigate the various pathologies of each system and explore the diagnostic and therapeutic procedures and medications relevant to each system. Students will learn about the medical careers and specialties for each body system and develop patient care skills. Learning will be enhanced through the use of laboratory experiments, research, case studies, and dissections. Students may have the opportunity to earn three college credits for medical terminology.
Pre-Requisite(s): Medical Careers I, Biology with a grade of "C" or higher, Mathematics II with a grade of "C" or higher
Co-Requisite: Chemistry
Adopted curricular materials: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Careers III — 12670

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This is the Capstone course for the Medical Careers pathway. This course is designed to prepare students to enter a career in healthcare and exposes students to the healthcare industry by providing hands-on learning of advanced patient care skills. Students will learn how to obtain vitals, perform ECG, diagnostic tests, injections, wound care, suturing, and CPR/AED. Students will have the opportunity to earn an AHA BLS certification. Students will research and discuss healthcare in a multicultural society and complete a diversity in healthcare project.
Pre-Requisite(s): Medical Careers II, Mathematics III (recommended)
Adopted curricular materials: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Interventions Honors (PLTW) — 12405

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This CTE Concentrator honors course allows students to investigate a variety of interventions involved in the prevention, diagnosis, and treatment of disease. The scenarios will expose students to interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Key biological concepts include preventing and fighting infection, screening and evaluating the DNA code, and cancer prevention, diagnostics, and treatment. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Biology, Completion of Principles of Biomedical Science (PLTW) (12160), and Human Body Systems Honors (PLTW) (12162)
Co-requisite: Student must be enrolled in the Biomedical Academy

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Medical Terminology 12650

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 11-12
UC/CSU: None
Credits: 5.0
Max Credits: 5.0
NCAA: No

In this semester-long course, open to all EGUSD students, structure of the human body, as well as terms relating to body system, radiology, pharmacology and surgery word parts and how to combine the parts to form medical terms will be taught during this sequenced course. Students will analyze, define, pronounce, and comprehend medical terms. This course serves as a prerequisite for various entry-level health care positions. This 90-hour course is taught in the classroom through a series of lectures, group activities, and course related video/software.
Adopted curricular materials: No textbook assigned

Medical Terminology for Healthcare Careers 12666

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 11
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

This career-themed course explores the specialized language used within the medical profession to enhance the student's ability to successfully secure employment or pursue advanced education in healthcare. The course focuses on combining prefixes, word roots, and suffixes to build medical vocabulary while placing an emphasis on pronunciation, spelling, and definition of medical terms. These medically-related vocabulary terms will further advance student working knowledge of anatomical structures, physiological processes, and pathology of the human body. While learning the correct healthcare terminology, students will apply their knowledge to front office tasks required within the healthcare profession.
Pre-requisite(s): Fundamentals of Public Health, Biology (recommended), and English 10 (recommended)
Co-requisite: CPR Certification
Adopted curricular materials: The Language of Medicine,10th Edition, Saunders

Microbiology Honors 12672

Department: Career Technical Education
Graduation Requirement: Science
Grade Level: 11
UC/CSU: Biological Science (d)
Credits: 10.0
Max Credits: 10.0
NCAA: Yes

This Concentrator course investigates the role microorganisms play in the Biotechnology Industry. Students will study the nature of microbes, how to control their growth, microbial growth and nutritional requirements, and how microbes are identified, classified, and named. Also studied is the role of microorganisms in genetic engineering and other biotechnology applications. This course is heavily skill-based, including hands-on laboratory activities with real-world and industry applications. Students will demonstrate proficiency performing various clinical tests and lab techniques used at the entry level in a clinical lab. The course also explores microbiological careers. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-Requisite: The Science and Ethics of Biotechnology

Adopted curricular materials: Biotechnology, Science for the New Millennium, Paradigm Publishing Inc.

Mobile Apps Development 12105

Department: Career Technical Education
Graduation Requirement: Electives
Grade Level: 11-12
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

In this course, students create a mobile application that will operate for both Android and iOS using the latest technologies. Through theories and practical programming exercises of increasing depth, this course prepares students interested in the field of mobile applications. At the end of the course, students develop cutting-edge mobile applications and publish their work onto a mobile app store.
Pre-Requisites: Exploring Computer Science and Computer Science Principles
Adopted curricular materials: No textbook assigned

Molecular Biotechnology Honors — 12673

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This Capstone course focuses on applications of technology at the molecular biology level, including biochemistry, research, and laboratory safe practices in a regulated environment. The course is anchored with exciting hands-on laboratory exercises and real-world research and industry applications which enable the student to master basic skills in working in a biotechnology lab; solution preparation, nucleic acid isolation, recombinant DNA cloning, PCR, and ELISA. The course is infused with a bioscience career exploration, including applied research, biomanufacturing, biomedical devices, and clinical trials. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Microbiology Honors

Adopted curricular materials: Biotechnology, Science for the New Millennium, Paradigm Publishing Inc.

Multimedia — 12136

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course focuses on the creative, collaborative, interdisciplinary, and problem-solving nature of computing, featuring an inquiry-based approach to learning and teaching. As part of this curriculum, students will develop real-world computing problems that are culturally relevant and address social and ethical issues while delivering foundational computer science knowledge to students. Students will engage in several in-depth projects to demonstrate the real-world application of computing.
Pre-requisite(s): Computer Technology
Adopted curricular materials: No textbook assigned

Ornamental Horticulture — 12217

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

This course is a survey of principles and practices of horticulture designed to improve the knowledge of home gardeners as well as those seeking a career in horticulture. This course is designed to instruct students in the growth, production, and care of plants for ornamental purposes. Topics include plant growth needs, botanical classification, plant physiology, plant reproduction, plant diseases and pests, planting medias, management practices, selection and care of plants, and careers in Ornamental Horticulture Students will be exposed to the FFA and Supervised Occupational Experience program.
Pre-requisite(s): Mathematics I and Agricultural Biology or Biology.
Adopted curricular materials: Introductory Horticulture, Delmar Cengage Learning

Outdoor Recreation and Conservation — 12209

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to give experiences involving the study of wildlife and the decreasing quality and quantity of their environments. Students will also study basic forestry management, hunter safety, archery, fishing and backpacking. Students will be expected to complete individual projects and long-term assignments. Homework will vary by unit and will consist of reading, writing lab reports, and research papers. Tests will be given regularly and students will be expected to participate in assignments, class discussions, and other structured events. This course is one of a series of courses that prepare the student for college level entry into the various disciplines of Agriculture Science.
Adopted curricular materials: Wildlife and Natural Resource Management, Cengage Learning

Outdoor Recreation and Conservation, Advanced — 12210

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides the opportunity for students to further develop an appreciation of the conservation practices for California's abundant wildlife and natural resources. This second year course will develop a healthy attitude toward the worthy use of leisure time; provide hunter safety and survival techniques, and initiate active awareness of wildlife habitat management. This class is designed to promote youth into awareness of wildlife enhancement and acquaint them with the many career opportunities available in this field. The vocational skills of taxidermy, wildlife woodcarving, fishing rod construction, and fishing lure design/fly tying will be covered as well as other related career skills. FFA and Agricultural leadership will be integrated throughout this course.
Adopted curricular materials: Outdoor Recreation in America, Human Kinetics

Parenting and Child Development — 12410

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course emphasizes the development of the child from conception through adolescence. Emphasis is on the child's physical, social, emotional, and intellectual development, including special units about child abuse and neglect, discipline, safety, and disabled children. Through observation, study, and activities students will learn to apply the theories and concepts taught. Students are expected to participate in class on a daily basis and to attend one or more off-campus observations and/or field trips.
Adopted curricular materials: The Developing Child, Goodhard-Wilcock

Phlebotomy I — 12653

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 15.0** | **Max Credits: 30.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course, open to all EGUSD students, meets daily for a 3-hour period. This course explores 10 modules in the area of phlebotomy. The modules address the State Certification requirements for limited Phlebotomy Technician, Certified Phlebotomy Technician I, Certified Phlebotomy Technician II, and additionally the role of the Laboratory Assistant. Students must be 18 years old to qualify for phlebotomy certification examination. This course is licensed by the State of California Department of Health Services. This course may be repeated for a maximum of 30 credits.
Adopted curricular materials: Phlebotomy Essentials, 6th Edition Wolters Kluwer

Practicum of Livestock Management and Marketing — 12204

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is the capstone course for the animal science pathway. This course focuses on advanced animal genetics, veterinarian skills/animal health, nutrition management programs, marketing and merchandising, and issues facing animal agriculture. Broken into five units of instruction, this course constitutes the application of concepts taught in the prerequisite courses while continuing to implement hands-on learning opportunities unique to this class.
Pre-Requisite(s): Biology and Sustainable Agriculture (9th/10th) or Biology of the Living Earth (9th/10th); and Principles of Livestock Industry (10th/11th)
Adopted curricular materials: No textbook assigned

Principles and Design of Cyber-Physical Systems — 12122

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This Capstone applications course is for students interested in coding and robotics. It will build upon prior skills learned, such as applied math and physical science techniques, coding with a variety of languages, and the building and coding of circuits with small electronics components. New competencies will include advanced mechanism design for mobile rots using Autodesk, wireless networking, task modeling, human-machine interface, and autonomous solutions. Considerable attention is devoted to program design, task decomposition, testing, debugging, and software reuse. This career technical education Capstone course provides content, skill development, and leadership training, which prepare students for the world or work and to pursue further education such as industry certifications and a post-secondary degree.
Pre-requisite(s): Completion of Computing with Robotics with a C- or better
Co-requisites: Math II or Algebra II (recommended); Physics or concurrent enrollment in Physics (recommended)

Adopted curricular materials: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code HS

Principles of Biomedical Science (PLTW) — 12160

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: No**

This Project Lead The Way (PLTW) course introduces students to human physiology, basic biology, medicine, research processes, and allows students to design experiments to solve problems. Students will learn key biological concepts, including maintenance of homeostasis in the body, metabolism, inheritance of traits, and defense against disease.
Pre-requisite(s): Concurrent enrollment in Biology
Co-Requisite: Student must be enrolled in the Biomedical Academy at PGHS
Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Principles of Dev/Psych for Children — 12414

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is a study of the principles of many types of development of children from conception through adolescence. It explores the ways in which children grow and change in order to become responsible adults. Major topics: Major theories of development, prenatal development, childbirth options, the newborn, how language and intelligence development, how relationships are formed, impact of culture on growing children, children with special needs, the family environment and careers relating to children. Major course highlights include field trips, opportunities to observe and interact with children, and community projects. ACE (concurrent credit at CSUS) will be available to qualified students (grade B or better) at Elk Grove High School.
Adopted curricular materials: No textbook assigned

Principles of Engineering A — 12344

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed for students to engage in various hands-on activities to explore the nature of assorted engineering fields. During this exploration, students will gain insight into the educational requirements of the engineering profession, required skills for most engineers, and the roles and functions of engineers. Problem-solving projects will focus on mechanical engineering, electronic engineering, structural engineering, and electrical engineering. While utilizing the engineering design process, students will design, develop, model, and test an engineering solution based on given criteria. Students will create an engineer's portfolio documenting their skills and knowledge gained throughout the year, and they will catalog all the stages of the design process of their student projects.
Pre-requisite(s): Mathematics I and CADD or Engineering Technology

Adopted curricular materials: No textbook assigned

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Principles of Engineering B — 12345

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to build on the foundation begun in Principles of Engineering A. Students continue to survey aspects of the primary engineering disciplines and principles of engineering style of problem solving. The course focuses on the engineering and technology found in the field of green energy. Students will collaborate and develop solutions to design problems using the design process learned in Principles of Engineering A. Physic concepts that pertain to the various discussed engineering fields will be taught and demonstrated through end-of-project reports and presentations. Technologies explored include, water reclamation and pumping systems, solar water heaters, wind turbine generators, and micro-hydroelectricity.
Pre-requisite(s): Mathematics I or higher level math class and Principles of Engineering A
Adopted curricular materials: No textbook assigned

Principles of Engineering Design (PLTW) — 12360

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

This Project Lead The Way (PLTW) course provides a more in-depth study into the different types of engineering and the communication and documentation skills that are used by engineers. Mechanisms, fluid systems, electrical systems, and control systems are also explored. Using the appropriate formulas, students make static and strength calculations for various materials, explore and build robotics, and learn the fields of reliability engineering and kinematics.
Pre-requisite(s): Mathematics I with a grade of C or better

Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Principles of Engineering Design (PLTW) Honors — 12364

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

In this course, students explore a range of engineering topics, including mechanisms, energy and power, materials and structures, automation, statistics, and kinematics. Students investigate thermal and alternative energy applications and explore solar hydrogen systems. They use analysis of beam deflection as a context for learning about material properties and calculating the internal and external forces on an object. Students learn to control mechanical systems by investigating computer inputs and outputs and understanding hydraulic and pneumatic fluid power. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite: Mathematics I

Adopted Curricular Materials: Project Lead the Way, https://www.pltw.org/

Principles of Livestock Industry — 12227

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This CTE Concentrator course, organized into four major units, includes livestock evaluation, large and small animal nutrition, reproduction systems and technologies, and health practices. Through hands-on instructional learning, industry tours, and guest speakers, students will have the opportunity to understand the main principles of the livestock industry. This course will include instruction in the fair and ethical treatment of animals.
Adopted curricular materials: No textbook assigned

Principles of Mechatronics — 12339

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is designed to ensure that students learn about the technology that affects their lives; to help them decide what, if any, branch of technology or engineering might offer them a satisfying career; and to prepare them for advanced technology and engineering courses. Students are introduced to the use of the engineering process to solve technological problems and to the use of selected software and hardware tools. In a hands-on environment, students solve assigned problems by creating solutions that require mechanical, electrical, and/or software elements. Students must demonstrate that their solutions are adequate through testing and demonstrations as well as through oral and written reports. This integrated linkage of technical and academic knowledge and skills prepares students for enrollment in advanced academic and technical courses at all educational levels.
Pre-requisite(s): Computer Aided Design and Drafting (CADD)
Adopted curricular materials: No textbook assigned

Principles of Mechatronics II — 12338

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This CTE Capstone course explores the relationships between the field of mathematics, science (physics and electrical circuits), mechanical design, and technology. The goal of this course is to develop student interest in pursuing a field of study in STEM after high school. The course will address robotics, electrical engineering, and mechanical engineering. Students will work individually and in groups while completing lab projects. The labs involve the design of mechanical and electrical systems that teach students to control systems by programming hardware to interact with data received through sensors. Students will develop an understanding of how mechanical, electrical, and software systems work together to solve problems.
Pre-requisites: Principles of Mechatronics
Adopted curricular materials: No textbook assigned

Product Innovation and Design I — 12367

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This is the Concentrator course in the Product Innovation and Design pathway. Students follow the design cycle to develop several products in both individual and group work throughout the course. This process begins with an assessment of needs for a product, ideating solutions to that need, designing prototypes, testing these prototypes, and then assessing what further needs exist. Student projects include woodworking, community service, presentations, portfolio maintenance, and skill assessments. Students successfully completing this course will go on to Product Innovation and Design II where they will further their skills.
Pre-Requisite: Manufacturing and Product Development, Introduction to
Adopted curricular materials: No textbook assigned

Product Innovation and Design II — 12368

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is the capstone-level course in the Product Innovation and Design pathway. Students utilize the design cycle to develop several products in both individual and group work throughout the course. Students learn how to create quality woodworking joints while building small wood projects and how to weld and shape sheet metal. Students work with industry representatives to define and solve critical problems using their skills. Finally, students conduct job-shadows in their industry of choice and earn industry-recognized safety certification.
Pre-Requisite: Product Innovation and Design I

Adopted curricular materials: No textbook assigned

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Professional Culinary Arts — 12426

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course provides students with practical skills and knowledge for effective management of food and beverage services in outlets ranging from cafeterias and coffee shops to room service, banquet areas, and fine dining. It presents basic service principles while emphasizing the special needs of guests. In addition, the course will provide the techniques and procedures of quality, international cooking styles. The course includes written and hands-on experience, including off-campus, on-the-job training.
Adopted curricular materials: No textbook assigned

Professional Theatre, Introduction to — 12145

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course introduces students to a variety of careers in professional theatre. Students will study a range of professional models from Broadway to regional to community theatre in order to identify established practices and basic competencies required to create professional theatre.
Pre-requisite(s): Application and audition with instructor
Adopted curricular materials: No textbook assigned

Public Service, Introduction to — 12031

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides students with a background in legal careers ranging from attorneys to law enforcement and careers in between. The first semester focuses on constitutional law, trial advocacy skills, and the civil justice system. The second semester focuses on law enforcement topics including an introduction to the criminal justice system, leadership skills, professionalism and ethics, and fitness/wellness. Partnerships with local agencies will provide guest speakers and field trip opportunities that will enliven the curriculum across the work-based learning continuum. Upon course completion, students will be well-suited to choose between a future career pathway in public safety or legal practices.
Pre-Requisite: None
Adopted curricular materials: Street Law: A Course in Practical Law, 10th Edition, McGraw Hill, copyright 2021

Ranch Animal Science — 12226

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course will provide the student with principles in Animal Science focusing on the livestock industry, its history, and the evaluation and selection of different breeds. Particular attention will be given to the production of livestock as it relates to livestock selection, breeding, anatomy, breed characteristics, feeding, health care, and the marketing of animals. This course in Animal Science is designed for students who require competency in all phases of livestock production, maintenance, and management. Students will have the opportunity to incorporate an FFA, 4-H, or a domestic livestock project with the hands-on/laboratory portion of the course.
Prerequisite(s): Animal Anatomy and Physiology of Plants
Adopted curricular materials: No textbook assigned

Robotics 12121

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 10-12
UC/CSU: None
Credits: 10.0
Max Credits: 10.0
NCAA: No

This course provides an opportunity for students to synthesize science knowledge with practical application. Aligned with California Engineering Technology standards, this program is designed to interest students in the field of robotics and to motivate them to pursue careers in science and engineering. Students will work in small groups to research, design, and build a variety of robots. Students may participate in robotic competitions.

Adopted curricular materials: Code.org

Small Engine Repair 12309

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 10-11
UC/CSU: None
Credits: 5.0
Max Credits: 5.0
NCAA: No

This course is intended to offer entry-level instruction and training in the areas of tool use, measurement, maintenance, diagnostics, personal and shop safety, theory, design and applications as they pertain to the subject of small internal combustion engines. Students will be exposed to various methods of instruction, including, but not limited to, lecture, audiovisual instruction, and hands-on learning in a lab environment. The course will promote students to demonstrate their ability to access and use technological means to achieve the course goals. Critical thinking and problem solving skills will be demonstrated through completion of required projects such as the disassembly and reassembly and successful running of a small gas engine. In addition, the course will start students on a path of preparation for continued secondary educational opportunities and/or career placement in the field of automotive and/or power equipment.
Adopted curricular materials: Small Engine and Equipment Maintenance, American Technical Publishers

Sports Therapy I 12400

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 10
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

This is the first course in the Sports Therapy sequence. The main purpose of this course is to introduce students to important concepts in Sports Medicine as well as research career options. In addition, the course will provide students with leadership skills, soft skills, and opportunities to explore real issues facing healthcare providers today.
Pre-Requisite(s): None
Co-Requisite(s): Biology of the Living Earth

Adopted curricular materials: No textbook assigned

Sports Therapy II 12401

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 11
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

This course is designed to provide students with basic and advanced concepts of anatomy, mechanism of sports injuries, rehabilitation, and administration of athletic training. The Sports Careers Academy (SCA) students will receive CPR and First Aid certification and real-world work experience in cooperation with a Board-Certified Athletic Trainer(s). Our future Student Athletic Trainers will demonstrate a basic mastery of care for athletic injuries of all body parts while upholding and displaying knowledge of the NATA code of ethics and BOC standards of professional practice for athletic trainers (ATCs).
Pre-Requisite(s): Sports Therapy I
Co-Requisite(s): Physiology

Adopted curricular materials: Fundamentals of Athletic Training, Human Kinetics

Sports Therapy III — 12402

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course provides students with the foundations in exercise science and essential skills to prepare for and pass the NASM-CPT (Certified Personal Trainer) nationally accredited certification examination. The Sports Careers Academy (SCA) student will demonstrate proficiency in the performance domains of Basic and Applied Sciences; Assessment; Exercise Technique and Training Instruction; Program Design; Considerations in Nutrition; Client Relations and Behavioral Coaching; and Professional Development, Practice, and Responsibility.
Pre-Requisite(s): Sports Therapy II and Physiology

Adopted curricular materials: Fundamentals of Athletic Training, Human Kinetics

Sports, Entertainment, and Music Marketing — 12001

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This CTE Concentrator course allows students to explore marketing in sports, entertainment, and music and to choose a focus industry for their final. Students will apply marketing principles and examine the economic impact of these industries, including endorsements, sponsorships, product development, licensing, image, sales, promotion, and pricing. Students will have the opportunity to explore industry careers and plan a sports, music, or entertainment event.
Pre-requisite(s): Marketing & Leadership Principles I (12502)
Adopted curricular materials: Sports and Entertainment Marketing, Fourth Edition; South-Western, Cengage Learning

The Elements and Principles of Floral Design — 12218

Department: Career Technical Education | **Grade Level:** 09-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to acquaint students with theories and principles of artistic design and their influence on floral artistry. The course emphasizes the necessary knowledge and skills to provide the student with an understanding of artistic perception, creative expression, historical and cultural context(s); aesthetic valuing and connections, and relations and applications of the visual arts. Balance, color and symmetry using floral and synthetic medium will be emphasized to allow students to apply an artistic approach to floral art. Various assignments based on abstract two and three dimensional designs, historical culture and theory, color theory, and analytical critiques of various floral art works will serve as a foundation for more complex works such as multi-part floral designs and creative expression.
Pre-requisite(s): Biology and Sustainable Agriculture
Adopted curricular materials: The Art of Floral Design, Cengage Learning

The Science and Ethics of Biotechnology — 12671

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

In this course, students examine concepts and conduct relevant and authentic laboratory investigations. Students review and extend learning in cell biology, biomolecules and atomic structure, DNA, gene expression and genetic code, evolution, physiology, and energy and metabolism. This course aims to produce scientists who are able to make informed decisions, especially when larger ethical conflicts may be involved.
Adopted curricular materials: Biotechnology, A Laboratory Skills Course, Bio-Rad Laboratories, Inc.

Understanding Community and Effective Leadership 12600

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

This CTE concentrator course will introduce students to the various aspects and agencies in a community and develop tools for effective leadership of community and educational organizations.
Adopted curricular materials: Leadership and Self-Deception, Arbinger Properties, Inc.

Veterinary Science 12211

Department: Career Technical Education
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

This two-term course provides an introduction into the field of veterinary science. This is an ideal class for students interested in animals or pursuing a career in veterinary medicine. Topics will include animal anatomy and physiology, tissue types and functions, musculoskeletal system, circulatory system, respiratory system, renal system, digestive system, reproductive system, central nervous system, nutrition, common diseases and disorders, principles of surgery, pharmacology, radiology, genetics, professional career opportunities, leadership development (FFA), and a supervised occupational experience project.
Pre-requisite(s): Animal Anatomy and Physiology of Plants
Adopted curricular materials: Introduction to Veterinary Science Thomson Learning

Video Production I 12152

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Visual and Performing Arts (g)
NCAA: No

This introductory, hands-on course is designed to introduce students to the use of digital video and television studio production equipment in both a classroom and studio environment. Computers running software for non-linear editing will be used to produce a variety of video projects for classroom and school-wide broadcasting. Skills taught include script writing, storyboarding, camera operation, use of audio, lighting, editing, short films, commercials, public service announcements and working in different roles as a member of a video production team. This course is open to freshman and sophomores who want to focus on learning media production in high school and college or who want to earn a Media Communications certificate. This course is open to juniors and seniors who wish to support an interest in drama, journalism, speech, photography or graphic arts.
Pre-requisite(s): Computer Technology and Multimedia
Adopted curricular materials: Digital Video: Production Cookbook, O'Reilly Media, Inc.

Video Production II 12153

Department: Career Technical Education
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Visual and Performing Arts (g)
NCAA: No

This course is designed to present students with the ability to plan and produce intermediate projects in a variety of digital film and television subjects. This Video II class builds on skills learned in Video I. Students will further develop independent skills and team leadership roles in all areas of digital media production. These skills include storyboarding, scriptwriting, set building, directing, lighting, producing and editing. Projects will involve pre-and post-production of school news and special projects for potential broadcast to the campus and on public television. Partnerships with local media and computer industry leaders will provide opportunity for field trips, mentors and guest speakers.
Pre-requisite(s): Video Production I
Adopted curricular materials: No textbook assigned

Video Production III — 12154

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This culminating course allows students more independent management of technical and artistic media communications skills learned in Video Production I and II. Students will manage all levels of programming to include pre-production, production and post-production work. They will work as production team members both in the classroom and in the campus television studio as needed. Students will produce films for submission to sponsored film festivals. Students will organize and produce campus programming for school wide broadcast and have the opportunity to produce programming for possible broadcast on local public and community access television.
Pre-requisite(s): Video Production II or Digital Media Arts II
Adopted curricular materials: No textbook assigned

Visual Basic Programming — 12151

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course emphasizes application, event-driven and structured problem solving, and programming techniques to develop software. Students will design, code, test, and debug programs that may include sound, voice, music, and graphics.
Pre-requisite(s): Computer Technology with a grade of C or better or instructor approval
Adopted curricular materials: Teach Yourself Visual Basic 4 in 21 Days, SAMS

Web Design and Development, Intermediate — 12139

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

This course offers work continuing from XHTML coding in Web Design and Development class to intermediate Web Design topics. Topics include an extensive study of cascading style sheets, as well as the construction and use of DHTML and JavaScripts. Students will have the knowledge and vocabulary to critique and review the changing style and application of web design.
Pre-requisite(s): Web Design and Development or Web Development

Adopted curricular materials: Code.org; Code HS

Web Development — 12132

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course is an introduction to publishing on the World Wide Web (WWW). Students will design aesthetically pleasing websites using HTML, CSS, and JavaScript and make extensive use of the computer tools necessary to insert HTML tags, create images, and view web documents. Topics include the separation of content from presentation, dynamic user interaction, and designing for alternative devices using Cascading Style Sheets. This course prepares apprentice web designers and publishers to identify the information needs for a website, design and determine appropriate World Wide Web solution, and implement it. Students will also learn about current trends and technologies in the field of Web Page Design, including XHTML.
Pre-Requisite: None.
Adopted curricular materials: https://www.w3schools.com

World Cuisines

12422

Department: Career Technical Education
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

This course will explore the food and customs of various world cultures. Emphasis will be on the planning, buying, and preparation of foreign and native foods. Food preparation will include the study of herbs, spices, ingredients, cooking techniques and equipment of a variety of world cuisine. Special units include the world food crisis and awareness of cultural traditions. This course can serve as the intermediate class towards a food and nutrition career path.
Pre-requisite(s): Foods and Nutrition is recommended
Adopted curricular materials: No textbook assigned

Electives

Ability Awareness — 07000

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course offers students the opportunity to be peer tutors working with students with disabilities at their school. Students will be able to explain the different types of disabilities and assistive technology utilized to support students, as well as be able to use and interact with various types of adaptive equipment. Students will help teach students with disabilities many important daily living tasks and will accompany students to other classes and campus events. They will also help students with disabilities interact with others who don't have disabilities. Students will also learn about different disabilities and gain new insights about having a disability in school and in society.
Adopted curricular materials: No textbook assigned

Academic Competitions — 07539

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to promote leadership, organizational skills, critical analysis, and provide guided preparation time for students participating in the following academic competitions: Academic Decathlon, Academic Olympics, MESA, Mock Trial, Moot Court, Mathletes, Science Olympiad, Science Fair, Speech and Debate, and History Day. Other activities, such as advanced placement test preparation, may be approved at the instructor's discretion. Enrolled students may choose Pass/No Pass grading, variable credits, and/or limited-term enrollment with instructor approval. This course may be repeated for a maximum of 40 credits. This course will meet zero period only.
Pre-requisite(s): Instructor approval
Adopted curricular materials: No textbook assigned

Adolescent Development — 07515

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

This course is designed to help students understand the growth process that occurs during the adolescent years. A variety of creative activities are used to explore the emotional and psychological needs that teenagers experience as they move into adulthood. Special units focus on: communication, getting along with the family, love and dating, self-esteem, decision making, teen pregnancy, sexually transmitted diseases, substance abuse, community resources, and other current issues facing the teenager today.
Pre-requisite(s): Health
Adopted curricular materials: No textbook assigned

Advocacy 10 — 14010

Department: Electives | **Grade Level:** 10 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Advocacy 11 — 14011

Department: Electives | **Grade Level:** 11 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Advocacy 12 — 14012

Department: Electives | **Grade Level:** 12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Advocacy 9 — 14009

Department: Electives | **Grade Level:** 09 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Advocacy EL — 14801

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide newcomer English learner students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.

Adopted curricular materials: No textbook assigned

Advocacy Multiple Grade Levels — 14013

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Aerospace I: Aviation — 07905

Department: Electives | **Grade Level:** 09-10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This is an introductory course, which discusses the historical development of flight, the role of the military in U.S. history, the role of aerospace forces as instruments of national policy, and the composition of the aerospace community. The course also includes leadership and followership fundamentals, customs and courtesies, drill and ceremonies, time management, communications, and organization of the military.
Adopted curricular materials: Aerospace Science 100: Milestones In Aviation History, Second Edition

Aerospace II: The Science of Flight — 07906

Department: Electives | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course introduces a general study of the science of aeronautics and components of individual and group behavior. The topics of this course are: aerospace environment, meteorology, human requirements of flight, principles of flight and navigation, communication skills, understanding individual behavior, understanding group behavior, and basic leadership concepts.

Adopted curricular material: The Science of Flight: A Gateway to New Horizons, Jones & Bartlett Learning

Aerospace III: Exploration of Space — 07907

Department: Electives | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to study our present military and civilian space systems and the social aspects of space. Leadership emphasis is on management, citizenship, and ethics. The topics of this course are: the space environment, space programs, space technology, manned space flight, introduction to management, managing things and ideas, citizenship, and ethics. This course helps to prepare students for future study and careers in the United States Air Force, federal government employment, the aerospace industry, the enlisted force, the officer force, and military law.

Adopted curricular material: Exploring Space: The High Frontier, Jones & Bartlett Learning

Aerospace IV: Management of the Corps — 07908

Department: Electives | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to acquaint senior AFJ ROTC cadets with sound management techniques, decisions and functions, and to afford them practical experience through their own management of the VHS ROTC Cadet Corps. Having completed three previous years in the cadet corps, seniors will normally have achieved reasonably high cadet rank, responsibility and authority. As such they will be responsible for all Cadet Corps activities--planning, staffing and carrying them out. The course will allow them to apply concepts outlined in Leadership Education IV: Principles of Management and the regulations outlined in the CA-2017 Cadet Guide to everyday operations both on and off campus.
Adopted curricular material: Leadership Education 400: Fundamentals of Management, C2 Technologies, Inc.

Animation for Web Design — 07523

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This quarter-equivalent course focuses on understanding the basic concepts of digital animation and its specific application to web page design. Adobe Animate CC will be used to develop web animation content that can be used to entertain, support, enhance, and market a website. Hands-on methods will be used to help students learn to approach design and problem solving from a creative, layered, and sequential direction. This course may be repeated for a maximum of 10 credits.
Pre-requisite(s): Computer Technology
Adopted curricular materials: No textbook assigned

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Research 07538

Department: Electives
Grade Level: 12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: Elective: Other (g)
NCAA: No

This course provides the opportunity for students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information.
Pre-Requisite: AP Seminar
Adopted curricular materials: EBSCO (online database)

AP Seminar 07537

Department: Electives
Grade Level: 11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: English (b)
NCAA: No

This course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics by analyzing divergent perspectives. Using an inquiry framework, students practice analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.
Co-requisite: AP English 11
Adopted curricular materials: No textbook assigned

AVID 10 09010

Department: Electives
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: Elective: Other (g)
NCAA: No

The AVID (Advancement Via Individual Determination) Program is a four-year college preparatory class for under-represented students who demonstrate academic potential. The goals of the program are to provide academic instruction and other support to students to prepare them for four-year college and university eligibility, give students college-level entry skills, and motivate them to pursue a college education.
Adopted curricular materials: No textbook assigned

AVID 11 09011

Department: Electives
Grade Level: 11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: Elective: Other (g)
NCAA: No

The AVID (Advancement Via Individual Determination) Program is a four-year college preparatory class for under-represented students who demonstrate academic potential. The goals of the program are to provide academic instruction and other support to students to prepare them for four-year college and university eligibility, give students college-level entry skills, and motivate them to pursue a college education.
Adopted curricular materials: No textbook assigned

AVID 9 09009

Department: Electives
Grade Level: 09
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: Elective: Other (g)
NCAA: No

The AVID (Advancement Via Individual Determination) Program is a four-year college preparatory class for under-represented students who demonstrate academic potential. The goals of the program are to provide academic instruction and other support to students to prepare them for four-year college and university eligibility, give students college-level entry skills, and motivate them to pursue a college education.
Adopted curricular materials: No textbook assigned

AVID Senior Seminar — 09012

Department: Electives | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course involves substantial critical reading and writing, and participating in, as well as conducting, regularly scheduled Socratic Seminars. AVID students will receive assistance and guidance in applying for college, researching financial aid and housing, registering for entrance and placement exams, preparing for Senior Project, and preparing for external examinations in the spring. The AVID Senior Seminar is divided into four quarters of emphasis, leading to the student's acceptance at a four-year college or university. Quarter one - Gaining Admission; Quarter two - Becoming a College Student; Quarter three - Placement and External Exam Preparation; Quarter four - Selecting a Major and Career Emphasis.
Adopted curricular materials: No textbook assigned

AVID Tutor — 09014

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

AVID Tutors will support the AVID elective courses with facilitating tutorials and completing various assigned tasks under the supervision of the AVID elective teacher and/or Coordinator. Students do not need to be former or current AVID students. AVID tutors will serve as a role model for, and support the WICOR skill development of, AVID Elective students. All tutors must receive approval from the AVID Coordinator prior to enrollment; please see the AVID Coordinator or counselor for application information. Upon enrollment, tutors will be required to complete 16 hours of peer-tutor training. This course may be repeated for a maximum of 30 credits.
Prerequisites: minimum 2.5 grade point average, good attendance, completed AVID Tutor.
Application and approval from the AVID Coordinator.
Adopted curricular materials: No Textbook Assigned

Career Studies — 07546

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course allows students to investigate career opportunities, starting with an inventory of personal skills, aptitudes, and interests. Students will compare findings to local, state, and national labor statistics, and will identify educational and training requirements for their top career choices. Students will learn how to interview for a job, participate in mock interviews, write a resume, and complete a job application. Students will develop a professional portfolio and learn about careers from several different guest speakers throughout the course.
Adopted curricular materials: No textbook assigned

College and Career Seminar — 07535

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

In this course, students will revisit their ten-year education and career plan that was initially developed in the Focus on College and Career course during ninth grade. Students will conduct career research including careers in high-demand as well as STEM-related careers and will explore post-secondary options by examining the costs associated with post-secondary education, admissions requirements, majors and minors, and the types of post-secondary degrees that are available. Students will also learn about financial aid and scholarship opportunities. Students will edit their ten-year education and career plan by further developing their post-secondary timeline and fine tuning transferable skills that will better prepare them for post-secondary success. This course earns elective credit.
Pre-requisite(s): Focus on College and Career with a grade of C or better
Adopted curricular materials: Get Focused, Stay Focused, Modules 1, 2, and 3, Academic Innovations

Community Service — 07014

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides students with the opportunity to enhance personal and interpersonal development through service learning. It is designed to help students develop awareness of themselves as a community member and promote a sense of responsibility to contribute to humanitarian issues around the world. Community service is designed to provide opportunities for students to be of service in their communities. Students who complete community service requirements learn the value of giving to others, learn about public relations, and build contacts within the community. Students may have interest in volunteering at animal shelters, churches, schools, food pantries, libraries, hospitals, nursing homes, political campaigns, or community organizations such as Red Cross, Salvation Army, or Habitat for Humanity. Course requirements and hours of service vary from year-to-year and from school-to-school. Check with your school counselor or Advocacy teacher for more information and requirements. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Computer Science and Robotics for Beginners — 07576

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course introduces students to the programming process and writing code which allow robots to perform various tasks based on sensory information. Students analyze real situations, identify given information, design a program, analyze the results for accuracy, any revise/modify the programming solutions. This course emphasizes hands-on robotics activities with a focus on computer programming for solving problems. Students will participate in project-based team activities to develop transferable industry skills including critical thinking, problem solving, communication, collaboration, and leadership.
Pre-Requisite(s): None
Adopted curricular material: No instructional materials assigned

Conflict Manager — 07009

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides training to help students deal with conflicts such as verbal conflicts, fights, rumor control and peer pressure. This course is Pass/No Pass.
Pre-requisite(s): 2.5 grade point average, good attendance, and completed aide application
Adopted curricular materials: No textbook assigned

CTE Internship — 07006

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides career technical education (CTE) student interns with work-based learning opportunities. This flexible course allows students to complete an internship on campus related to their CTE pathway through a number of projects and tasks. Students will also complete a pathway promotion project which combines knowledge of the career pathway together with academic skills. Students will be provided opportunities to improve written and verbal communication skills and will maintain a portfolio documenting their growth and work on key internship projects. This is not a CTE course within a pathway. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Teacher approval and enrollment in a CTE pathway, program, or academy
Adopted curricular materials: No textbook assigned

Driver Education — 07001

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course meets the California Department of Motor Vehicles' requirement of a Driver Education course. The knowledge, skills, and attitudes that students learn in this course can help them avoid traffic tickets, lower their chances of being involved in accidents, and establish safe driving habits. Upon successful completion of Driver Education, students will receive their Certificate of Completion of Driver Education and be able to provide the required information needed to obtain a learner's permit.
Adopted curricular materials: Drive Right, Addison/Wesley

Focus on College and Career — 07518

Department: Electives | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

This course teaches students a quantifiable decision-making process that will help them envision and plan for a future that is productive, achievable, and stimulating. The culmination of this process is the development of an online career and education ten-year plan that can be used for advisory and academic coaching purposes and can be updated as students grow, change, or face transitions. The personalized ten-year plan provides the focus and intrinsic motivation to succeed in college, at work, and in life.

Adopted curricular materials: Career Choices & Changes, 6th Edition, Academic Innovations, Copyright 2019

Freshman Seminar — 07517

Department: Electives | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to support students when transitioning from middle school to high school. Students learn and practice strategies for effective time management, study skills, goal setting, organizational techniques, communication skills, and digital literacy skills that will assist them on their path to graduation and post-secondary opportunities. In this course, students also embark on a self-discovery mission to uncover personal values, goals, aptitudes, attributes, and interests that will help shape their decisions when choosing a career or thematic academy/pathway for their sophomore year.
Pre-Requisite(s): None
Adopted curricular material: No textbook assigned

Future Ready — 07516

Department: Electives | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

This course prepares students not only for 9th grade but also for the future as resilient, independent adults. For success in high school and beyond, freshmen need transferable academic, personal, and workplace skills. Topics include navigating high school, personal development, career exploration, financial literacy, leadership, professionalism, and workplace readiness
Adopted Curriculuar: Everfi and Paxton College & Career Ready Labs

Government and Leadership — 07512

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students who hold elected or appointed positions in student government or leadership positions. These students may enroll in Leadership. This class assists students in developing leadership skills and provides for the planning and implementation of Associated Student Body activities. This course may be repeated for each year a student is elected to student government for a maximum of 40 credits.
Pre-requisite(s): Elected or appointed student government or leadership position
Adopted curricular materials: Building the World's Greatest High School Student Leader, Triumphant Heart Int., 1st Edition, Copyright 2016

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Personal and Professional Skills CP 1 — 20003

Department: Electives | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a core component of the International Baccalaureate (IB) Career-related Programme (CP). The IB CP is designed for high school students focusing on career-related learning while gaining valuable academic skills. Students in the CP develop critical thinking, communication, and real-world problem-solving skills. The CP prepares students for post-secondary education and provides an internationally recognized IB Certificate upon program completion.
Pre-requisite: Students enrolled in the IB Personal and Professional Skills CP 1 course must be in the 11th grade. Students need to be matriculated as IB CP students.
Co-requisite: Students enrolled in the IB Personal and Professional Skills CP 1 course must be enrolled in, at least, two other IB DP courses.
Adopted Curricular Materials: Personal and Professional Skills for the IB CP and Reflective Project for Success for the IB CP, Hodder Education.

IB Personal and Professional Skills CP 2 — 20004

Department: Electives | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a core component of the International Baccalaureate (IB) Career-related Programme (CP). The IB CP is designed for high school students focusing on career-related learning while gaining valuable academic skills. Students in the CP develop critical thinking, communication, and real-world problem-solving skills. The CP prepares students for post-secondary education and provides an internationally recognized IB Certificate upon program completion.
Pre-requisite: Students enrolled in the IB Personal and Professional Skills CP 2 course must be in the 12th grade. Students need to be matriculated as IB CP students.
Co-requisite: Students enrolled in the IB Personal and Professional Skills CP 2 course must be enrolled in, at least, two other IB DP courses.
Adopted Curricular Materials: Personal and Professional Skills for the IB CP and Reflective Project for Success for the IB CP, Hodder Education.

IB Theory of Knowledge 11 — 20001

Department: Electives | **Grade Level:** 11 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective IB course is required for all IB diploma students in the second semester of their junior year and the first semester of their senior year. It is also open to non-IB students in the same grades who are interested in exploring knowledge issues. The course will introduce students to epistemology (the investigation of the origin, nature, methods, and limits of human knowledge) and will teach students to examine how human beings gain or attempt to gain knowledge (through sense perception, reason, language, emotion), how we can justify knowledge claims (spotting logical fallacies, appropriate logic, evidence, coherence, and pragmatism), avoid pitfalls of knowledge issues (skepticism, relativism, gullibility, bias), and analyze how knowledge is constructed in different areas of knowledge (mathematics, the natural sciences, the human sciences, history, the arts, and ethics). The focus of the course will be on the knower (the student), enabling students to become conscious of their own experiences as learners (as individuals and members of larger communities and cultures); students will also be taught to analyze and evaluate knowledge issues from multiple perspectives, comparing divergent approaches to human understanding and behavior and realizing the personal, communal, and global responsibilities that come with knowledge. Participants in the course will be expected to write regularly in anticipation of and including their 1200-1600 word essay on a prescribed title (determined by IB) and to participate actively in Socratic seminars, student-centered activities, and presentations pertaining to knowledge issues (including the internally assessed presentation required by the IB).

Adopted curricular materials: Theory of Knowledge: Course Companion 2020 Edition, Oxford University Press

IB Theory of Knowledge 12 — 20002

Department: Electives | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective IB course is required for all IB diploma students in the second semester of their junior year and the first semester of their senior year. It is also open to non-IB students in the same grades who are interested in exploring knowledge issues. The course will introduce students to epistemology (the investigation of the origin, nature, methods, and limits of human knowledge) and will teach students to examine how human beings gain or attempt to gain knowledge (through sense perception, reason, language, emotion), how we can justify knowledge claims (spotting logical fallacies, appropriate logic, evidence, coherence, and pragmatism), avoid pitfalls of knowledge issues (skepticism, relativism, gullibility, bias), and analyze how knowledge is constructed in different areas of knowledge (mathematics, the natural sciences, the human sciences, history, the arts, and ethics). The focus of the course will be on the knower (the student), enabling students to become conscious of their own experiences as learners (as individuals and members of larger communities and cultures); students will also be taught to analyze and evaluate knowledge issues from multiple perspectives, comparing divergent approaches to human understanding and behavior and realizing the personal, communal, and global responsibilities that come with knowledge. Participants in the course will be expected to write regularly in anticipation of and including their 1200-1600 word essay on a prescribed title (determined by IB) and to participate actively in Socratic seminars, student-centered activities, and presentations pertaining to knowledge issues (including the internally assessed presentation required by the IB).

Adopted curricular materials: Theory of Knowledge: Course Companion 2020 Edition, Oxford University Press

Life After High School — 07531

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

This course is designed to assist students in obtaining the intensive skills and knowledge necessary to reach their post-high-school objectives. Topics may include post-high-school options, including college, vocational programs, the military and the workforce, resume building and interviewing skills, career exploration, time management, communication skills, study skills, financial literacy, and global competence.
Pre-requisite: None
Adopted curricular materials: Becoming a Master Student, Houghton-Mifflin

Link Crew — 07529

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to assist and support students with acclimating to high school. Students enrolled in this course are provided training to be Link Crew leaders and mentors to help freshman students with academic success, character development, student engagement, and promoting a positive school climate. Team building, organization, leadership development, communication, facilitation skills, and personal development are components of this course.
Adopted curricular materials: No textbook assigned

Makerspace: Introduction to Design and Build — 07577

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course will introduce students to various ways of turning ideas into physical objects that students can hold. Students will learn to use design software and transfer that knowledge to various industry tools that produce finished products. Students who are interested in pursuing a career in Engineering or like to do hands-on projects are encouraged to enroll.
Pre-Requisite(s): None
Adopted curricular material: No instructional materials assigned

Moving Toward the Future — 07502

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a four-year course where students meet with the same teacher once per week for all four years. Moving Toward the Future's most important purpose is to create a connection and collaborative link between the student, the teacher, the school, counselors, other helpful resources, and other students. Lessons focus on building community, developing responsible citizens for the 21st century, and preparing for a three-to-five minute senior speech. This is a Pass/No Pass course and is repeated for a maximum of 20 credits.
Adopted curricular materials: No textbook assigned

Office Assistant — 07508

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course introduces students to various tasks assigned under supervision of school personnel. The location of the work and the type of work vary and may include office work, library work, instructional support, etc. Counselors will apprise interested students of the types of aides courses offered at the school site. Juniors and seniors may be student aides for one or two semesters. No more than a total of ten credits of student aide may be used toward graduation. Student aides will be selected from among those who submitted applications with their course selection forms. Applications are available from the counseling secretary. This course is Pass/No Pass. This course may be repeated for a maximum of 10 credits.
Pre-requisite(s): 2.5 grade point average, good attendance, and completed aide application
Adopted curricular materials: No textbook assigned

Orientation: Independent Study — 07563

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for newly enrolled students to the independent study educational program. Students will learn skills and strategies to prepare them for success in an independent studies program. This course provides critical thinking and self-reflective activities relating to learning and study skills, self-management skills, and college/career readiness. This is an elective credit course and cannot may not be repeated for credits.

PE P.A.L.S. — 07525

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students enrolled on a block schedule. Because State Law requires students to complete 400 minutes of physical activity every 10 school days, students not currently enrolled in a Physical Education during off-terms are required to keep an updated Physical Activity Log (PAL), a document that helps students keep track of their physical activity. Students should apply the F.I.T.T. (Frequency, Intensity, Time, Type) formula when developing their fitness plan to align with the California Content Standards for Physical Education. Each block schedule site determines how and when the PALs are collected. This course does not receive credit.
Adopted curricular materials: No textbook assigned

Peer Counseling I — 07519

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to rotate every other day for the entire year with Student Leadership Development. This course will help students develop skills in conflict mediation. Students interested in becoming conflict managers, peer counselors, mentors, peer educators, and a part of Link Crew are asked to register. Applications and interviews will occur before students are admitted into this class.
Adopted curricular materials: No textbook assigned

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Peer Counseling II — 07571

Department: Electives | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to continue the development of the skills and techniques necessary to be an effective peer helper and conflict manager. This is a zero period course intended for those students who have completed the level I course. Advanced peer helpers will coordinate and run a peer-led smoking cessation program, develop and perform theatre/skit style presentations about important teen issues, and assist the vice principals to resolve group conflicts. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Peer Counseling/Student Leadership Skills with a grade of C or better
Adopted curricular materials: No textbook assigned

Peer Tutor — 07506

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students to learn how to effectively work with small groups of students in a variety of content areas. An emphasis will be placed on employing inquiry strategies and incorporating AVID methodologies in peer tutoring groups. Student applications and interviews will occur before students are admitted into this class. Course may be repeated for a maximum of 10 credits. This course is Pass/No Pass.
Adopted curricular materials: No textbook assigned

Personal Finance — 07521

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Learning to manage your finances is an important aspect of becoming independent. This class provides a foundation in financial literacy to help students establish a budget, avoid credit debt, finance their college education, understand the day-to-day aspects of financial management, explore the costs of loans, and learn to invest for the future. Consumer protection laws and identity theft also will be addressed.
Adopted curricular materials: No textbook assigned

Scholars — 07575

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course focuses on "knowing how you know." Building upon a reflective process of how knowledge is gained, the course will promote critical thinking skills that will help students become successful scholars in both high school and post high school educational settings. This course will help students develop the learning habits, ways of thinking, study skills, organizational strategies, and planning exhibited by successful students at all levels. Students will examine how knowledge is achieved and used in the following curricular areas: language, math, social science, science, and the arts. As students proceed through high school and acquire knowledge in the different subjects, they will have a better understanding of the effects of reason, logic, and language. The course will require students to use their cognitive skills to critically interact with their learning so that they become consumers of knowledge.
Adopted curricular materials: No textbook assigned

Sports & Entertainment Marketing — 07522

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Marketing of sports is the focus of this course. Students will apply marketing principles to the sports industry and/or the entertainment industry. This course will examine the economic impact of sports and entertainment as well as endorsements, sponsorships, product development, licensing, image, sales, promotion, and pricing.
Adopted curricular materials: Sports and Entertainment Marketing, Fourth Edition; South-Western, Cengage Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Student Leadership Development — 07511

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This year-long course focuses on the development of interpersonal and interpersonal leadership skills. Effective oral and written communication will be studied with an emphasis on identifying and implementing effective leadership strategies. Skills such as time management, stress management, positive role modeling, effective group interactions and group facilitation skills will also be emphasized.
Adopted curricular materials: No textbook assigned

Student Store — 07507

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Study Skills — 07552

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to teach, develop, and support the study and technical skills which will support students' successful completion of enrolled courses of study. Content will include time and materials management, comprehension techniques such as note-taking, test preparation, and test-taking skills.
Adopted curricular materials: No textbook assigned

Teacher Assistant — 07509

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course introduces students to various tasks assigned under supervision of a certificated teacher. Juniors and seniors may be a teacher assistant for one or two semesters; however, no more than ten credits of this course may be used toward graduation. Teacher assistants will be selected from among those who submit applications during the course selection process. Please see the Counseling department for application information. This course is Pass/No Pass. This course may be repeated for a maximum of 10 credits.
Pre-requisite(s): 2.5 grade point average, good attendance, and completed aide application
Adopted curricular materials: No textbook assigned

Wood Shop — 07559

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides students an opportunity to experience working with wood. Students will master the safe use of both hand and power tools and complete a number of construction projects throughout the course.
Adopted curricular materials: No textbook assigned

Work Experience — 07002

Department: Electives | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course combines supervised paid employment in an occupational field with related classroom instruction including employment skills. Students will develop work habits, self-confidence, and job skills that are used to locate, secure, and retain employment in their community.
Adopted curricular materials: No textbook assigned

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Work Experience: CTE

07005

Department: Electives
Grade Level: 09-12
Credits: 5.0
Max Credits: 40.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

This course is designed to support students in the various career-connected academies and pathways offered in EGUSD. Students enrolled in either Career Technical Education (CTE) concentrator (second year) or Capstone (third year) courses are eligible for this course while on an identified internship within their career sector and with the approval of their CTE teacher/coordinator.
Adopted curricular materials: No textbook assigned

English

Academic Literacy — 02622

Department: English | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for 9th grade students. The purpose of the class is to prepare students for the rigor of high school reading and beyond by increasing their engagement, fluency and competency in reading. Students will analyze their own processes while developing the knowledge, strategies and dispositions to become proficient readers of complex texts. Curriculum includes analysis of text structures, instruction to help students become aware of how they learn and think, and instruction in comprehension strategies such as summarizing, vocabulary analysis, questioning and critical analysis. Students will develop a "tool box" of problem solving strategies for overcoming obstacles and deepening comprehension of texts in various academic disciplines. Through this intensive reading focus, students will develop self-confidence to become life-long readers.
Adopted curricular materials: No textbook assigned

African American Cultural Studies — 02697

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This course provides students with a focused study of African American literature and its reflection of African-American history. Using a standards-based approach, students will be introduced to a survey of Black literature from early America to the present. This course will complement existing American literature and history curricula, but will delve deeper into connections between literature, history and society, raising issues related to the Black experience in America, e.g., racism, nationalism, community values, education, urban problems, and the role of Black literature and culture. Language arts skills will be integrated in the content of the course. Students will write a series of essays using the writing process and demonstrate their ability to read critically and speak effectively about their ideas, concerns, and interpretations of literature and African-American culture.
Adopted curricular materials: No textbook assigned

AP English 11: Language & Composition — 02240

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course prepares students to be skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and skilled writers who compose for a variety of domains—narrative, exploratory, expository, argumentative—and on a variety of subjects from personal experience to public policy, from imaginative literature to popular culture. The AP Language and Composition course's purpose is to prepare students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with readers. Students are strongly encouraged to take the AP exam.
Adopted curricular materials: Language of Composition, 4th Edition, BFW Publishers

AP English 12: Literature & Composition — 02340

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This advanced course is designed to prepare college-bound seniors for the English Literature 12, AP test. The class will be based on the study of literature with extensive assignments in critical reading, preparing students for college-level critical reading and literary analysis. Students will write intensively, focusing on critical, analytical essays related to the literature they are studying. They will write frequently in class, sharpening their abilities to respond to the types of essay questions they will face on the AP exam and as college students in timed writing situations.
Note: This course is designed for highly motivated students who are responsible enough to handle rigorous reading and writing assignments on a daily basis, and to complete summer reading and/or between sessions reading as well. Students are strongly encouraged to take the AP exam.
Adopted curricular materials: The Bedford Introduction to Literature, 11th Edition, Bedford/St. Martin's

College and Career Writing I — 02711

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This English elective writing course is designed to build language, improve literacy skills, and provide high-interest issues that prepare English Learners for college and career. The academic emphases of this course are language development, academic vocabulary acquisition, and the development of written language skills. Student-centered activities are culturally and linguistically responsive, while simultaneously teaching students effective communication strategies. Students engage in lessons with culminating writing and oral projects that equip today's College and Career bound English Learner with the communicative confidence and competence needed to realize their academic and personal potential.
Pre-requisite(s): Placement by site's English Learner (EL) team
Co-requisite: 9-12 grade student who is either a LTEL or Struggling Redesignated Fluent (RF)

Adopted curricular materials: English 3D, Course C/II

College and Career Writing II — 02713

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This English elective writing course is designed to build language, improve literacy skills, and provide high-interest issues that prepare English Learners for college and career. The academic emphases of this course are language development, academic vocabulary acquisition, and the development of written language skills. Student-centered activities are culturally and linguistically responsive, while simultaneously teaching students effective communication strategies. Students engage in lessons with culminating writing and oral projects that equip today's College and Career bound English Learner with the communicative confidence and competence needed to realize their academic and personal potential.
Pre-requisite(s): Placement by site's English Learner (EL) team
Co-requisite: 9-12 grade student who is either a LTEL or Struggling Redesignated Fluent (RF)

Adopted curricular materials: English 3D, Course C/II

Competition and Debate — 02644

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course prepares students for various academic competitions that may include Academic Decathlon, Debate, Model United Nations, and Junior Statesman. The class equips students with critical thinking, persuasion, message analysis, and oral presentation skills through a variety of listening, writing, reading, and especially public speaking activities. This course may be repeated for a maximum of 10 credits.
Adopted curricular materials: No textbook assigned

Countdown for College/SAT Prep — 02680

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This semester equivalent English elective course provides strategy development in preparation for college entrance examinations for junior/senior university-bound students. Students will practice comprehension techniques for college-level reading, work with college-level vocabulary, and move from language theory to the practical application of standard grammar. All students planning to take the SAT or ACT are strongly encouraged to enroll in this class.
Adopted curricular materials: Master the SAT, Peterson Publishing

Countdown to College/SAT Prep Survey — 02681

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This survey course is designed to introduce students to SAT preparation. Students will learn to identify SAT test questions by type, learn multiple strategies for different types of questions and when to use them, and learn overall test-taking strategies that will optimize their SAT score. After completion of this course, students may be interested in enrolling in the more in-depth Countdown for College/SAT Prep 5-credit semester course.
Adopted curricular materials: Master the SAT, Peterson Publishing

Creative Writing I — 02671

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective course is designed for the enthusiastic writer. Activities are geared to develop vivid and concrete descriptions as well as imagination and experimentation in writing. Major assignments may include writing short stories, a short play, many types of poems, and a variety of exercises to stretch the imagination.
Adopted curricular materials: No textbook assigned

Creative Writing II — 02672

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective course is designed for students who wish to further their mastery of creative writing techniques. It will focus on the development and evaluation of creative fiction. Students will be exposed to many genres that may include short story, poetry, drama, vignette, children's literature, science fiction, etc. Students will write in both prescribed forms as well as experimental forms of their own choosing. Students will complete a major project from a writing domain of their choice.
Pre-requisite(s): Creative Writing I
Adopted curricular materials: No textbook assigned

Creative Writing Survey — 02670

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This survey course is a truncated version of the Creative Writing course designed for the enthusiastic writer. Activities are geared to develop vivid and concrete descriptions as well as imagination and experimentation in writing. Major assignments include writing short stories, a character sketch, and a variety of exercises to stretch the imagination and convey the sense that writing is truly an act of communication.
Adopted curricular materials: No textbook assigned

Developing Happiness, Gratitude, and Resiliency — 02602

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

In this course, students will explore and research what leads to personal happiness. They will first develop a definition of happiness and mental health based on non-fiction articles and a documentary on the science of happiness, Happy. Throughout the term, students will create a "Happiness Project" - a set of skills in gratitude, resiliency, mindfulness, connection, social media management, goal-setting, and self-care. Students will develop this set of skills through mini-research projects, listening and speaking activities, and written assignments. This course may not be repeated for credit.
Adopted Curricular Material: No textbook assigned

EL English Intensive Course I — 02802

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

This course provides English Learners with fundamental skills in reading, writing, speaking, and listening via a rigorous and rich academic curriculum that begins preparing students for college and career success. This course builds language and literacy proficiency with robust instruction, accessible instructional level text, close reading of grade level text, and multiple short and in-depth integrated reading and writing opportunities.
Pre-requisite(s): Initial identification should be determined by multiple measures (CELDT/ELPAC, SBAC/CAASPP, primary language proficiency, etc.); however, the program placement assessment should be used to determine specific course placement.

Adopted Curricular Materials: Get Ready! by Vista Higher Learning

EL English Intensive Course II — 02803

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

This course provides English Learners with the next level of skills in reading, writing, speaking, and listening via a rigorous and rich academic curriculum that continues preparing students for college and career success. This course builds language and literacy proficiency with robust instruction, accessible instructional level text, close reading of grade level text, and multiple short and in-depth integrated reading and writing opportunities.
Pre-requisite(s): Initial identification should be determined by multiple measures (CELDT/ELPAC, SBAC/CAASPP, primary language proficiency, etc.); however, the program placement assessment should be used to determine specific course placement.

Adopted curricular materials: Get Ready! by Vista Higher Learning

EL English Intensive Course III — 02804

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

This course provides English Learners with the next level of skills in reading, writing, speaking, and listening via a rigorous and rich academic curriculum that continues preparing students for college and career success. This course builds language and literacy proficiency with robust instruction, accessible instructional level text, close reading of grade level text, and multiple short and in-depth integrated reading and writing opportunities.
Pre-requisite(s): Initial identification should be determined by multiple measures (CELDT/ELPAC, SBAC/CAASPP, primary language proficiency, etc.); however, the program placement assessment should be used to determine specific course placement.

Adopted curricular materials: Edge Level B, National Geographic Learning/Cengage Learning

EL English Intensive Course IV — 02805

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

This course provides English Learners with the next level of skills in reading, writing, speaking, and listening via a rigorous and rich academic curriculum that continues preparing students for college and career success. This course builds language and literacy proficiency with robust instruction, accessible instructional level text, close reading of grade level text, and multiple short and in-depth integrated reading and writing opportunities.
Pre-requisite(s): Initial identification should be determined by multiple measures (CELDT/ELPAC, SBAC/CAASPP, primary language proficiency, etc.); however, the program placement assessment should be used to determine specific course placement.

Adopted curricular materials: Edge Level C, National Geographic Learning/Cengage Learning

EL Language Lab — 02860

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This elective course emphasizes intensive instruction, in a small group setting (20 or fewer students), to improve student's competencies with listening, speaking, reading, and writing, through the development of the basic domains of English, e.g., pronunciation, letter sounds and units of meaning, syntax, spoken and written communication, as well as, computer literacy skills. The students will benefit from support provided for their academic courses by participating in homework assignment groups on a daily basis. Concurrent enrollment within both English Language Development and the ELL Lab will enable the students to more quickly progress toward reaching English fluency and mastering the language arts content standards. Primary language support is available, when necessary, to help students understand homework and the concepts of mathematics, science, and history. This course is repeatable for up to 40 credits.
Co-requisite: Concurrent enrollment in English 9, English 10, English 11, English 12, and/or EL Intensive I-IV.

Adopted curricular materials: Study Sync, McGraw-Hill Education or Edge, National Geographic Learning, Hampton-Brown, or Get Ready (dependent upon students' core English course)

ELA Literacy 9-12 — 02611

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

This English/Language Arts (ELA) course is an intensive intervention class designed for students who have a multi-year trend of being more than two years below grade level in reading and who have demonstrated eligibility for the course based on targeted assessments. The goal of this course is to accelerate student learning for the purpose of being able to exit the course and to be successful with grade-level ELA and literacy standards in all content areas. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Placement by site intervention team based on identified district data criteria and assessments
Adopted curricular materials: California Language! Live, Voyager Sopris Learning, Inc.

English 10 — 02100

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course is designed toward integrating reading, writing, listening, and speaking, and utilizing higher order thinking skills. This course's standards-based instruction will include literature and expository writing, language mechanics and usage, and vocabulary development in meaningful contexts. Various literary and expository genres such as the short story, novel, drama, poetry, biography, and essay will be studied. Whenever possible, connections will be made between the language arts areas and the 10th grade world history course. Writing instruction, based primarily upon expository text and literature studied in the course, will center on a variety of models and writing as a process as well as writing on demand.
Adopted curricular materials: CA StudySync 10, McGraw-Hill Education

English 10 Honors — 02130

Department: English | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This honors course has been revised to align with University of California's Honors distinction criteria and provides students with rigorous instruction aligned to the California state standards. It is intended to prepare students for success in AP or IB level English classes. A balance of rich literature and thought-provoking informational texts, along with a variety of mixed mediums such as novels, visual/auditory presentations, and multi-media, offers student the opportunity to hone their critical reading and thinking skills. Students will demonstrate their understanding of the texts through a variety of assignments and culminating writing projects that place emphasis on analysis, synthesis, and research. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): English 9 or English 9 Honors
Adopted curricular materials: Advanced Language & Literature, for Honors and pre-AP English Courses, Bedford/St. Martin's

English 10: Get Reel: English Through Your Lens — 02150

Department: English | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course challenges tenth grade students through intensive analysis of text, including visual media, informational writing, and fiction. Students develop the abilities and skills necessary to effectively produce powerful video messages, oral presentations, and written works that critically examine ideological and social influences in an effort to understand how these influences have an impact on both individual and group identity.
Pre-requisite(s): English 9
Co-requisite: Video Production I / Digital Media Production I
Adopted curricular materials: CA StudySync 10, McGraw-Hill Education

English 11 — 02200

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course provides an integrated language arts approach within an enriched standards-based curriculum focusing on American writers and the study of American literature. Students will examine the literature (which may include short stories, drama, poetry, novels, essays, and biographies) in the context of thematic and/or historical connections. By participating in appropriate reading, writing, and oral language activities, students will broaden their understanding of American culture and literature. This course will prepare students for critical reading and college-level writing.
Adopted curricular materials: CA StudySync 11, McGraw-Hill Education

English 11 Honors — 02230

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This advanced course provides an integrated language arts approach within an enriched standards-based curriculum focusing on American writers and the study of American literature. Students will examine the literature (which may include short stories, drama, poetry, novels, essays, and biographies) in the context of thematic and/or historical connections. By participating in appropriate reading, writing, and oral language activities, students will broaden their understanding of American culture and literature. This course will prepare students for critical reading and college-level writing. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Adopted curricular materials: CA StudySync 11, McGraw-Hill Education

English 11: Designing the American Dream — 02250

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

In this course, students will analyze a diverse collection of American voices in literature and film as they relate to manifestations of "The American Dream" across time, regions, and cultures. Students think critically about how depictions of "The American Dream" have evolved and been perpetuated by literature and the media and use this understanding to create textual and visual responses which reflect a deeper understanding and personal perspective on "The American Dream." Students integrate this extensive literary knowledge with a mastery of video production technical skills. Throughout the course, students develop as critical thinkers, writers, and filmmakers in the analysis and design of their own American Dream.
Adopted curricular materials: CA StudySync 11, McGraw-Hill Education

English 12 — 02300

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course offers standards-based integrated language arts instruction designed to address the unique needs of seniors who are preparing for the transition from high school to college and/or career. Students will study representative works of world literature in the context of thematic and/or historical connections to broaden their cultural perspectives. Writing domains emphasized in the course will lend themselves to interdisciplinary topics as well. This course will prepare students for critical reading and college-level writing.
Adopted curricular materials: CA StudySync 12, McGraw-Hill Education

English 9 — 02000

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This course is designed to address the state content standards in reading, writing, listening, and speaking in an integrated approach to English/language arts, utilizing higher order thinking skills. Instruction will include reference skills, study and test-taking skills, writing, reading expository text and literature, language mechanics and usage, and vocabulary development in meaningful contexts. This class will study various and expository literary genres including the short story, novel, drama, poetry, biography, and essay. Writing instruction, based primarily upon expository text and literature studied in the course, will center on a variety of models and writing as a process as well as writing on demand.
Adopted curricular materials: CA StudySync 9, McGraw-Hill Education

English 9 Honors — 02030

Department: English | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

This advanced course focuses on an integrated language arts approach within an enriched standards-based curriculum focusing on writers and the study of a variety of literary and exposition genres. It also includes a wide range of challenging literature. Instruction will focus on reference skills, study and test-taking skills, writing, language mechanics and usage, and vocabulary development. Writing instruction, based primarily upon expository text and literature studied in the course, will center on a variety of models and writing as a process as well as writing on demand. This course will prepare students for critical reading and college-level writing.
Note: This course is not granted "honors" credit by the UC system. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.

Adopted curricular materials: CA StudySync 9, McGraw-Hill Education

Exploring Culture Through Literature — 02685

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: No**

This elective course allows students from varied backgrounds to work together to immerse themselves in the study of different cultures and ethnicities found in the United States. Students will create their own cultural profiles to learn more about themselves through an in-depth study of their own culture. By studying literature, history, folk and fine arts from a culture other than their own, students can learn to celebrate each other's cultures while simultaneously learning the empathy and communication skills necessary in the business world.
Pre-requisite(s): English 10
Adopted curricular materials: No textbook assigned

Exploring Modern Issues in Text, Part I — 02714

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This Designated ELD course incorporates comprehensive English language support for English Learners (ELs) at higher language proficiency levels in order for them to be ready for college and the workplace by the end of high school.
Pre-Requisite(s): 11th or 12th grade English Learner who is at the expanding or bridging level; 11th or 12th grade struggling RFEP student.

Adopted curricular materials: Expository Reading and Writing Curriculum 3.0, Modules 1-5, Copyright 2019, The California State University

Exploring Modern Issues in Text, Part II — 02715

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This designated ELD course incorporates comprehensive English language support for English Learners (ELs) at the Expanding and Bridging levels. With a focus on expository text, this course offers instruction to support the acquisition of academic English and incorporates activities that focus on content, concepts, and language features within the text(s) being read and produced. Students within this course will be given opportunities to accelerate their proficiency in the areas of reading, writing, speaking, and listening.
Pre-requisite(s): 11th or 12th grade English learner who is at the expanding or bridging level or an 11th or 12th grade struggling RFEP student.

Adopted Curricular Material: Expository Reading and Writing Curriculum, 3rd Edition, Modules 6-10, California State University

Film as Literature I — 02695

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective course provides students with a focused study of film genres as a means to improve students' thinking and writing. Major works of cinema will be studied with emphasis on critical interpretation of the ways film communicates visually and verbally and on the historical and cultural context in which films are created. Students will study modern film as a storytelling medium, focusing on depth of characterization, originality of theme, and significant human issues that are presented in films universally recognized as classics. Students will view films, participate in small and large group discussions, and write several critical essays analyzing and interpreting films.
Pre-requisite(s): Must pass previous English class with a grade of C or better
Adopted curricular materials: Anatomy of Film, Bedford-St. Martin

Film as Literature II — 02696

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This elective course is designed to accompany Film as Literature I. After focusing on film genre, production, and major cinematic works, with an emphasis on critical interpretation, students will analyze and center their interpretive efforts in a specified area, e.g., Women and Film, Media and Film, Culture in Film, Film as Archive, History and Film, or Art and Film. Students will view films which center on the areas of inquiry, participate in small and large group discussions, create inquiry-based assessment, and write several critical and interpretive essays.
Adopted curricular materials: No textbook assigned

History, Form, & Culture of Comic Books — 02683

Department: English | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a semester-long English elective course. It is designed to explore how mythology and history influenced the genre of comic books and how the form of comic books and graphic novels has influenced today's pop culture. Students will first consider why comic books are a genre worthy of study by examining the roots of visual storytelling and the literary/artistic qualities of the form. Students will then consider how certain characters are rooted in Greek and Roman mythology or modeled after The Hero's Journey. Finally, students will consider how various writers, illustrators, publishing companies, and the TV/film industry have shaped this genre. The research, literary analysis, and writing completed in this course will be anchored in the ELA Common Core State Standards.
Adopted curricular materials: The Power of Comics: History, Form, and Culture, Second Edition; Bloomsbury Publishing

IB English HL 2 — 20022

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

In this course, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary form and textual type alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by identity and culture. Approaches to study in the course are meant to be wide ranging and can include literary theory, sociolinguistics, media studies, and critical discourse analysis among others.
Pre-Requisite: IB English HL1
Adopted curricular materials: English A: Language and Literature, 2nd Edition, Copyright 2019, Oxford University Press

IB English HL1 — 20021

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

In this course, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary form and textual type alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by identity and culture. Approaches to study in the course are meant to be wide-ranging and can include literary theory, sociolinguistics, media studies, and critical discourse analysis among others.

Adopted curricular materials: English A: Language and Literature, Course Companion, 2nd Edition, Copyright 2019, Oxford University Press

IB English SL 1 — 20023

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

In this course, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary forms and textual types alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by literary theory, sociolinguistics, media studies, and critical discourse analysis among others.
Pre-Requisite(s): None

Adopted curricular materials: IB English A Language and Literature, Oxford University Press

IB English SL 2 — 20024

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

In this course, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary forms and textual types alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by literary theory, sociolinguistics, media studies, and critical discourse analysis among others.
Pre-Requisite(s): IB English SL 1 (IB courses are two years)

Adopted curricular materials: IB English A Language and Literature, Oxford University Press

Journalism I — 02629

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students interested in print, broadcast, and/or electronic media, providing the fundamental skills to write stories that matter. Journalism I is designed to introduce the student to news writing, interviewing, producing a print or online newspaper, and making ethical journalistic decisions.
Pre-Requisite(s): None

Adopted curricular materials: No textbook assigned

Journalism II — 02630

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Following Journalism I, this course provides students with deeper skills necessary to be a successful journalist. The course is designed to build on the skills developed in Journalism I, introducing students to more complex types of articles and techniques. This course may be repeated for a maximum of 20 credits.
Pre-Requisite(s): Completion of Journalism I

Adopted curricular materials: No textbook assigned

Literacy Enrichment 10 — 02610

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to supplement and enrich the core English 10 course while students are off-term from their core English course. While the breadth of English 10 standards are covered in the core classes, Literacy Enrichment focuses on a variety of literacy support skills to enrich students' reading, writing, speaking, and presenting skills through units designed to promote critical thinking.
Co-requisite: English 10
Adopted curricular materials: CA StudySync-Online Curriculum

Literacy Enrichment 9 — 02609

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to supplement and enrich the core English 9 course while students are off-term from their core English course. While the breadth of English 9 standards are covered in the core classes, Literacy Enrichment focuses on a variety of literacy support skills to enrich students' reading, writing, speaking, and presenting skills through units designed to promote critical thinking.
Co-requisite: English 9
Adopted curricular materials: CA StudySync-Online Curriculum

Literary Publications I — 02631

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This elective course is designed for students at all grade levels, but particularly for sophomores and juniors who wish to gain skills which may enable them to work on high school publications. The class provides an introduction of basic journalistic skills for students considering a career in journalism. District Publication Standards will be applied. One semester of this course is the first requirement of the media major in journalism. It may be taken either semester long for 5 credits or all year for a maximum of 10 credits.
Adopted curricular materials: No textbook assigned

Literary Publications II — 02632

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: No**

This elective course emphasizes the actual production of the high school newspaper or news magazine. Students will be expected to write for the newspaper, serve on a specific staff, sell their quota of advertisements and participate in all of the procedures that are required to publish a paper. It is also suggested that students take advantage of various seminars and contests each year. This course provides practice in basic journalistic skills for students continuing the study of journalism. District Publication Standards will be applied. One semester of this course is the first requirement of the media major in journalism.
Pre-requisite(s): Literary Publications I with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

Literary Publications III — 02633

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: No**

This elective course is designed to be career-oriented for the student who wants to enter a communications field (e.g., journalism, broadcasting). This course is a continuation in journalistic writing with specific work in investigative reporting, making periodic contributions to the school newspaper and other publications. The course will cover analysis of mass media and application of journalistic writing. Journalistic readings will be in the areas of civil and criminal law, ethics, history, economics, government, and the role of the media. In-depth reporting and writing techniques will be practiced. District Publication Standards will be applied, and at some sites, special publications are produced.
Pre-requisite(s): Successful Literary Publications II
Adopted curricular materials: No textbook assigned

Literature Studies — 02620

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This one semester English elective course is designed to provide students with the means to discover how meaningful reading can be in their own lives. Given students' developmental need to define their place in the world, Literature Studies is their opportunity for choice and self-selection which play an important role in developing a self-regulated desire to read outside of academic assignments. Books are selected by the students from the classroom, school, or students' libraries. Through reading, writing, and discussions, students will have time to apply their word attack skills in order to increase their reading stamina to become independent readers who can respond thoughtfully to books. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): None
Adopted curricular materials: No textbook assigned

Mythology — 02690

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective course provides an in-depth study of world mythology. Students will read and discuss myths from the Greek, Roman, African, Middle Eastern, and Far Eastern cultures. The class will uncover themes, symbolism commonalties, archetypes, and motifs in mythology. This course is intended for students who wish to search for greater meaning, building upon their knowledge of mythology.
Pre-requisite(s): English 9
Adopted curricular materials: World of Mythology, National Textbook Company

Mythology Survey — 02691

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This survey course is designed to introduce students to mythology, providing an introductory overview of ancient mythology, touching on Greek, Chinese, Japanese, Pacific Islander, Egyptian, West African, Babylonian, and Hindu myths, among others. Students will examine various classical myths as expressed through plays, poems, and stories across cultures, drawing connections between those cultures and relating them to their own lives. Through reading, writing, and discussions, students will be able to apply their skills in analysis and composition to better understand the diverse stories of our past. After completion of this course, students may be interested in enrolling in the more in-depth Mythology semester course.
Adopted curricular materials: No textbook assigned

Public Speaking I — 02641

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This one-semester elective course is designed for students who would like to gain more poise and confidence in their communication skills. Course content may include individual speeches, such as the personal experience, demonstration, informative, persuasive and impromptu, as well as narrative speaking, oral interpretation of prose and/or poetry, original oratory, and debate. In addition, students will work on group projects that may consist of commercials, the interview, discussion groups that deal with problem solving, and original script writing for a group television program. Students may also be videotaped on occasion, utilizing that medium to critique their speeches and motivate them to become better communicators. This class will satisfy the District's Speech Proficiency requirement.
Adopted curricular materials: No textbook assigned

Public Speaking II — 02642

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

This elective course is designed for students who would like to extend their knowledge about speech communication and apply communication skills to different speaking situations, both new and familiar. Course content will include both individual speeches and group projects, some of which may include speeches such as the pet peeve, informative, persuasive, impromptu, narrative speaking, oral interpretation of drama with a partner, discussion groups and the study of group processes for productive problem-solving, and original script writing for a group television program or assembly presentation. May be repeated for a maximum of 10 credits.
Pre-requisite(s): Public Speaking I
Adopted curricular materials: No textbook assigned

Strategic Reading 9 — 02605

Department: English | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to help students develop vocabulary, fluency, comprehension, grammar, and composition skills which will enable them to accelerate in order to access the core curriculum. Comprehension of expository text as well as academic vocabulary will be emphasized.
Adopted curricular materials: Edge: Reading, Writing & Language (Level B), Hampton-Brown

Writing to Discuss and Debate — 02710

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This English elective course is designed to build language, improve literacy skills, and expand content knowledge for Long-Term English Learners (LTEL) and Struggling Redesignated students. The academic areas of emphasis in this course are language development, academic vocabulary acquisition, and the development of written language skills. Thematic units ensure that students make connections to science, math, and social studies core content areas. Instruction includes student-centered activities that are culturally and linguistically responsive while simultaneously teaching students effective reading strategies. Students engage in lessons with culminating writing and oral projects which are supported by the use of research-based best practices for teaching the listening, speaking, reading, and writing required in order to equip today's English Learner with the communicative confidence and competence needed to realize their academic and personal potential.
Pre-requisite(s): Placement by site's EL team
Co-requisite: 9-12 grade student who is either a LTEL or Struggling RF

Adopted curricular materials: English 3D, Course B, Volume 2

Yearbook — 02635

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to be the actual production of the high school yearbook. Students will write and prepare copy and learn the techniques of yearbook layout and production. Students will be expected to work on a specific staff, meet all deadlines as set by the instructor, and participate in book sales. Students must also participate in all other related yearbook activities and distribution. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Staff member selection will be by application and instructor approval only
Adopted curricular materials: No textbook assigned

Health

Health — 15000

Department: Health
Graduation Requirement: Health
Grade Level: 09-12
UC/CSU: Electives (g)
Credits: 5.0
Max Credits: 5.0
NCAA: No

This course focuses on health promotion, disease prevention, and risk reduction. Topics may include substance use and abuse, comprehensive sexual health education, human trafficking, nutrition, first aid, hands-on compression-only CPR and AED instruction, health-related physical fitness concepts, hygiene, mental health/self-esteem, and health-related careers.

Adopted curricular materials: Glencoe Health, McGraw-Hill, Copyright 2022

Health EL — 15800

Department: Health
Graduation Requirement: Health
Grade Level: 09-12
UC/CSU: Electives (g)
Credits: 5.0
Max Credits: 5.0
NCAA: No

This course is designed to provide newcomer English Learners with a foundation in health promotion, disease prevention, and risk reduction. Units of study will include substance use and abuse, family life, nutrition, first-aid, health-related physical fitness, hygiene, mental health/self-esteem, and health-related careers. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Pre-requisite(s): Initial placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, CELDT/ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted curricular materials: Glencoe Health, McGraw-Hill, Copyright 2022

History/Social Science

African American Studies — 01604

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

In this course, students will examine African American history, culture, traditions, achievements, and its impact on the shaping of the modern world. The course will follow the California State framework and will include current issues and topics such as African Diaspora, Reconstruction of the South, Harlem Renaissance, and the Civil Rights Movement. Skills such as critical thinking, reading, writing, problem-solving, note taking, and oral interpretation will be emphasized. It is hoped that the content used in this course will increase individual self-esteem and empowerment to assist in students' academic maturation.
Adopted curricular materials: No textbook assigned

American Government — 01310

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

This course is designed to prepare students to assume their rights and responsibilities as citizens, which is required for graduation. To achieve this, various branches and key agencies of our government, from the local to the national level, will be studied. Civil rights, affirmative action, the ERA, and the criminal justice system will be emphasized. Resource speakers will be utilized to help students understand the major issues which affect the government today and the process by which political decisions are made.
Adopted curricular materials: Impact California Social Studies: Principles of American Democracy, Copyright 2019, McGraw-Hill Education

American Government, Newcomer EL — 01840

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** None | **NCAA: No**

This course is designed to prepare newcomer English Learners to assume their rights and responsibilities as citizens, which is required for graduation. To achieve this, various branches and key agencies of our government, from the local to the national level, will be studied. Primary readings, videos, simulations, and other activities will be used to enhance the subject. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Pre-requisite(s): Placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted curricular materials: Impact California Social Studies: Principles of American Democracy, McGraw-Hill Education

AP Government and Politics Comparative — 01629

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** US History (a) | **NCAA: No**

This course introduces students to the world's diverse political structures and practices, specifically through the lens of six different countries: The United Kingdom, Mexico, Russia, Nigeria, China, and Iran. For each nation, the study will include the following topics: 1) Sovereignty, Authority, and Power; 2) Political Institutions; 3) Citizens, Society, and the State; 4) Political and Economic Change; and 5) Public Policy. Upon completion, students will be eligible to take the AP Comparative Government and Politics Exam. This course meets UC and CSU history or elective requirements.
Pre-Requisite(s): None

Adopted curricular material: Comparative Government Stories of the World for the AP Course, 1st Edition, BFW Publishers

AP Government and Politics United States — 01330

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

This course is designed for students who want to complete the equivalent of a one-semester college introductory course in American Government and Politics. Students will engage in an intense study of the constitutional foundation of American government; interactions among branches of government; civil liberties and civil rights of citizens; political ideology and beliefs; and political participation. The content and skills developed in AP Government and Politics will prepare students for the national Advanced Placement exam, meet Common Core standards, and the California Social Science content standards for the Principles of American Democracy.
Pre-requisite: None
Adopted Curricular Materials: American Government Stories of a Nation, 2nd Edition, BFW Publishers

AP Govt & Politics US / Economics — 01335

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

This course introduces the basic principles of all economic systems with an emphasis upon a market-based system and government policy-making and policy implementation. The course provides both the economics and government requirements for graduation. This yearlong course combines Honors Economics and Advanced Placement Government. The first quarter of the course addresses decision-making variables as inflation, recession, and unemployment. The fourth quarter includes decision-making variables of the individual and business. The Advanced Placement Government portion of the course, taught in the second and third quarters, provides students the opportunity to earn college credit by taking the AP Government examination. Students will engage in an intense study of the constitutional foundation of American Government; the citizen base of politics; political parties and interest groups; the institutions of the national, state, and local governments; the policy-making process, and civil rights and civil liberties. Extensive reading, writing, and research are required.
Note: Honors Economics is NOT graded on a 5-point scale.
Adopted curricular materials: American Government Stories of a Nation, 2nd Edition, BFW Publishers

AP Human Geography — 01030

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Geography | **UC/CSU:** World History (a) | **NCAA: Yes**

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will use spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice.
Adopted curricular materials: Human Geography, A Spatial Perspective (AP Edition), National Geographic Learning, Cengage Learning, Copyright 2021

AP Macroeconomics — 01440

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course provides a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination and also develops familiarity with economic performance measures, economic growth, and international economics.
Adopted curricular materials: Krugman's Economics for AP, 4th Edition, BFW Publishers

AP Microeconomics — 01430

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course offers a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.
Adopted curricular materials: Krugman's Economics for AP, 4th Edition, BFW Publishers

AP Psychology — 01620

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course introduces students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each major sub field within psychology. Students will also learn about the methods psychologists use to explore the processes involved in normal and abnormal perceptions, thoughts, feelings, and actions.
Adopted curricular materials: Myers' Psychology for AP, Worth Publishers, 4th Edition

AP Psychology — 01603

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course provides students the opportunity to earn up to three units of college credit in their junior or senior year. The course is an accelerated semester-long course that will demand a high level of commitment from the participants. AP Psychology will mirror the standard introductory college-level course. Course content of AP Psychology will combine the content of Psychology A and Psychology B in one semester, instead of two. Psychology I may be helpful, but is not required. Students are strongly encouraged to take the AP exam. This course meets UC and CSU elective requirements.
Adopted curricular materials: Myers' Psychology for AP, Worth Publishers, 4th Edition

AP US History — 01230

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

ThIn this course, students investigate significant events, individuals, developments, and processes of U.S. history from 1491 to the present, divided into nine time periods of study. Students develop the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. Attention will be given to the reading and writing skills necessary for the AP exam.
Adopted curricular materials: Give Me Liberty: An American History, 6th Edition, Norton Publishing

AP US History Skills — 01231

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores the techniques of "attacking" timed, document-based questions as well as the multiple choice section. This course is taken in conjunction with AP US History. The importance of the thesis statement and the different structures of the essay questions will also be covered.
Adopted curricular materials: No textbook assigned

AP World History — 01130

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World History | **UC/CSU:** World History (a) | **NCAA: Yes**

In this course, students investigate significant events, individuals, developments, and processes of world history from 1200 to the present. Students develop the same skills, practices, and methods employed by historians; analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social organization, and technological innovation. Attention will be given to the reading and writing skills necessary for the AP exam.
Adopted curricular materials: Ways of the World- A Global History with Sources, 5th Edition, BFW Publishers

California History — 01618

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

This course will examine the political, economic, and social aspects of the Golden State. This course aims to provide students with a solid foundation of understanding our state's history in order to better prepare them to be responsible citizens within California. Students will study a variety of topics pertaining to California, such as the original Californians and Spanish settlement, the Gold Rush, the rise of industry and labor unions, Progressivism, controversies over land and water, both World Wars, the Great Depression, the growth of agribusiness, the social unrest of the 1960s and contemporary issues.
Adopted curricular materials: No textbook assigned

Cultural Studies — 01606

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

This course explores a number of topics such as the histories of African Americans, Latinos, Filipinos, Chinese, Japanese, Native Americans, and women in the United States. Racism, prejudice, stereotyping, and other forms of discrimination will also be examined. Students will become aware of minority struggles and contributions of minority groups to American life. A major part of the course will consist of films, field trips, guest speakers, and special cultural activities.
Adopted curricular materials: No textbook assigned

Economics — 01420

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course introduces the basic principles of all economic systems with special emphasis on a market-based system. This course is required for graduation. Specific topics include the basic principles of decision-making, scarcity, opportunity, cost, and the principles of supply and demand. These principles are examined from individual, national, and international perspectives. This course is designed to give students the necessary tools to analyze their own personal decision making as well as to evaluate the decisions of an individual firm, or the nation as a whole.
Adopted curricular materials: Impact California Social Studies: Principles of Economics, Copyright 2019, McGraw-Hill Education

Economics, Newcomer EL — 01850

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** None | **NCAA: No**

This course is designed to introduce newcomer English Learners to the basic principles of all economic systems with a special emphasis on a market-based system. Specific topics will include the basic principles of decision making, scarcity, opportunity, cost and the principles of supply and demand. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Pre-requisite(s): Placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted curricular materials: Impact California Social Studies: Principles of Economics, McGraw-Hill Education

Empowerment Skills For Young Adults — 01612

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores the social and cultural development of students today. Students will focus specifically on the effect of personal and societal issues as they relate to young adults. Topics include: relationships, stereotypes, the influence of the media, perceptions, family dynamics, societal issues, careers, and physical presence and self-presentation. Self-reflection and assessment will occur as students create and keep a personal journal throughout the course.
Adopted curricular materials: No textbook assigned

Ethnic Studies — 01627

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

This course is designed to provide key language, historical lessons, and critical analysis skills that empower students to articulate and address the social injustices they see and experience. The class will cultivate the understanding necessary for social, political, and educational engagement while developing academic literacy skills. Students will be able to take an in-depth look at history through a thematic approach (as opposed to chronological) as well as theories of multicultural and gender studies.
Pre-Requisite: None
Adopted curricular materials: Our Stories in Our Voices, Copyright 2019, Kendall Hunt Publishing Company

History of Chicanos/Latinos — 01605

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

This course has been designed as a survey course of the Chicano/Mexican people from the period prior to the Spanish colonization of the Americas to the present century. Students will receive an overview of culture, religion, education, economics, immigration, and civil rights as well as examine the Spanish, Indian, and Mexican contributions to the development of Western United States. Students will also study how race and class influence the social behavior and self-identify of the people of Mexican descent.
Adopted curricular materials: No textbook assigned

IB Global Politics SL — 20013

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course will introduce a variety of fundamental political concepts prescribed in the IB Global Politics course as well as the CA State Standards for Government and Economics. These concepts include power, equality, sustainability, peace, and conflict. This course will allow students to further develop an understanding of the local, national, international, and global political activity as well as allow them the opportunity to explore political issues affecting their own lives. Students will develop their knowledge of American Politics and apply these concepts to a global scale. Throughout this course, students must pass and complete internal and external assessments including the submission of a investigative research paper based on personal political engagement.
Pre-Requisite(s): None
Adopted curricular material: IB Global Politics Course Companion, Oxford IB Diploma Programme, Oxford University Press

IB History Route 2 (Americas) HL1 — 20011

Department: History/Social Science | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

This IB course focuses on a rigorous study of 20th Century World History with a focus on the History of the Americas. During the 11th grade year, students will study U.S. History with an emphasis on History of the Americas. During the 12th grade year, students will examine special themes within the history of the 20th Century. Upon year 2, students must pass and complete internal and external assessments including the submission of a historical investigative research paper.
Pre-requisite(s): None
Adopted curricular materials: HL1: History of the Americas 1880 - 1981, Course Companion, Oxford University Press, HL2: 20th Century World History, Oxford Univ.

IB History Route 2 (Americas) HL2 — 20012

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

This IB course focuses on a rigorous study of 20th Century World History with a focus on the History of the Americas. During the 11th grade year, students will study U.S. History with an emphasis on History of the Americas. During the 12th grade year, students will examine special themes within the history of the 20th Century. Upon year 2, students must pass and complete internal and external assessments including the submission of a historical investigative research paper. Students passing this course will have their Government requirement waived.
Pre-requisite(s): IB History, HL Year 1 with a C or better
Adopted curricular materials: HL1: History of the Americas 1880 - 1981, Course Companion, Oxford University Press, HL2: The Cold War: Superpower Tensions and Rivalries Course Companion and Authoritarian States Course Companion; Copyright 2015, Oxford University Press

IB History SL Year 1 — 20010

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

IB History SL Year 1 (Social Science/History, Grades 11-12) (one-year equivalent, 10 credits) Year one of a two year course, this course develops students' historical skills through a rigorous and thematic approach to US History. The first half analyzes US history from political, economic, and diplomatic perspectives, while the second half emphasizes individual and societal perspectives. Using sources, documents, and statistics, students will develop the analytic and evaluative skills necessary to deal critically with issues in American history through a global context and to prepare them for Year 2. A special emphasis is the development of critical writing skills necessary for the essay portions of the IB exam, including the internally assessed Historical Investigation.

Pre-Requisite(s): None
Adopted curricular material: American Issues: A Primary Source Reader in United States History, Volume 1, 5th Edition and American Issues: A Primary Source Reader in United States, Volume 2, 5th Edition

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB History SL Year 2 — 20009

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

This IB course focuses on a rigorous study of 20th Century World History. During the 11th grade year, students will study US History while fostering the approaches to learning, historical concepts, and other skills that will be assessed at the end of year 2. During the 12th grade year, students will examine special themes within the history of the 20th Century. Upon year 2, students must pass and complete internal and external assessments including the submission of a historical investigative research paper.
Pre-Requisite(s): IB History, SL Year 1 with a C or better
Adopted Curricular Material: Authoritarian States Course Companion

International Relations — 01609

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course provides students the opportunity to examine the workings and the issues of the United States in regard to post-World War II international relations. The course will focus on national security issues, such as the cold war and nuclear proliferation. Development of foreign policy and U.S. treaties will be explored for the pertinence to national security. Students will work cooperatively to research, develop, present and predict possible scenarios based on historical and current events that will aide in a better understanding of international concerns of the future.
Adopted curricular materials: No textbook assigned

Modern African American Studies: 1970's-Present — 01628

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

In this course, students will examine current African American issues and topics such as Aftermath of Modern Civil Rights Movement, Black 70's Cultural Revolution, Intro to Hip Hop/Soul Music, Black Cinema/Directors/Producers, and Politics/Race. The course will follow the California State framework and develop and refine skills such as critical thinking, reading, writing, problem-solving, note taking, and oral interpretation. The content presented in this course will increase the awareness of African American struggles and accomplishments in the United States from the 1970's to present day.
Pre-Requisite: None
Adopted curricular materials: No textbook assigned

Political Science Honors — 01608

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** US History (a) | **NCAA: Yes**

This course focuses on writing papers, book reviews, and delivering oral presentations. The course offers an honors class that will prepare the student for college level work. This course will use a "5-point A" grading system. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Note: Recommended to be taken in conjunction with American Government and Politics, AP
Adopted curricular materials: Government by the People, Prentice Hall

Political Science, Introduction to — 01614

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course introduces students to the study of government by examining the roots of modern political thought and major political philosophies. The course will also examine the role and impact of media as a part of political socialization. Additionally, the students will examine the justice system and the theories that govern it. Finally, the curriculum will include research of current issues, student-run press conferences, formalized debate, and resource speakers who effect our political system and are involved in the current policy making process.
Adopted curricular materials: Government by the People, Prentice Hall

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Psychology I — 01601

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course provides students with a better understanding of human behavior. Students learn how their actions relate to the behavior of others. Units that will be covered include: Introduction to Psychology, learning principles and applications, memory and thought, adolescence and adulthood, and personality theories. Projects of each student's own design will be due at the end of the semester.

Adopted curricular materials: Essentials of Psychology Concepts and Applications, 6th Edition, Cengage Learning, Inc., Copyright 2022

Psychology I Survey — 01621

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides students with a better understanding of human behavior. Students learn how their actions relate to the behavior of others. Topics of this course will include various learning principles and applications, the intricacies of memory and thought, adolescence and adulthood, and personality theories.
Adopted curricular materials: No textbook assigned

Psychology II — 01602

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course explores the topics of: Psychology and society, human relations, careers in psychology, adjustment in the family, adulthood and aging, mental retardation, drugs and behavior, and suicide. In addition to obtaining useful insights into specific topics related to the field of psychology, students will further develop the necessary research and writing skills for success at the university level. Projects of each student's own design will be due at the end of the semester.

Adopted curricular materials: Essentials of Psychology Concepts and Applications, 6th Edition, Cengage Learning, Inc., Copyright 2022

Psychology II Survey — 01622

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores psychology from the standpoint of the individual. Topics include sensation/perception, motivation, emotion, learning, and social psychology.
Adopted curricular materials: No textbook assigned

Service Learning — 01617

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores learning through active community service and career exploration. Emphasis will be placed on three levels of service: Direct Service-activities that put students face-to-face in helping someone, Indirect Service-activities that are performed "behind the scenes" channeling resources to alleviate a problem, and Active Service-activities that require students to lend their voices and talents for a particular cause or position on an issue. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: No textbook assigned

Sociology 01615

Department: History/Social Science **Grade Level:** 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** Elective: History/Social Science (g) **NCAA: Yes**

This course provides students with an examination of: culture, personality, social institutions, social change, population, social processes, and collective behavior. The goal of this course is to introduce students to the sociological perspective, thus students will be highly encouraged to integrate the course reading assignments with their own personal life experiences. The course will provide students with the opportunity to investigate, think, and create in lieu of collecting material from textbooks and memorizing it for tests.
Adopted curricular materials: Sociology, Thompson Learning

Soundtrack of Modern American History 01591

Department: History/Social Science **Grade Level:** 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** Elective: History/Social Science (g) **NCAA: No**

This course offers students an opportunity to study popular music in an historical and social perspective from jazz, folk, rhythm and blues, rock, rap, and heavy metal. This course will explore how music responded to social change in twentieth century America through readings, daily listening, movies and videos, and an introduction to music and the instruments used in popular music.
Adopted curricular materials: No textbook assigned

Soundtrack of Modern American History Survey 01592

Department: History/Social Science **Grade Level:** 09-12 **Credits: 2.5** **Max Credits: 2.5**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Soundtrack of Modern American History Survey is a one-quarter equivalent, 2.5 credit elective course that covers the social history of popular music in the United States. The curriculum is designed to introduce students to the connection between music and American society throughout history. Emphasis is placed on the interplay between American styles of music, social groups, and major historical periods.
Adopted curricular materials: No textbook assigned

Sports Psychology 01623

Department: History/Social Science **Grade Level:** 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

This course introduces mental skills that will enhance student performance, make athletic participation more enjoyable and rewarding, and learn skills that can be transferred to other aspects of students' lives. Specific skills to be covered in this class will include goal setting and strategies to achieve goals, visualization and imagery techniques, team building, dealing with injuries, and controlling momentum. Many of the skills taught can also have a positive impact on academic success in such areas as test taking and work experience.
Adopted curricular materials: The Young Champion's Mind: How to Think, Train, and Thrive Like an Elite Athlete, Rodale Kids, Penguin Random House, Copyright 2018

Sports Psychology Survey 01624

Department: History/Social Science **Grade Level:** 09-12 **Credits: 2.5** **Max Credits: 2.5**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

This course will provide students with knowledge about psychological factors that affect performance in sports such as motivation, concentration, focus, confidence, anxiety, and relaxation. Students will be introduced to mental skills that will enhance performance, make athletic participation more enjoyable, and learn skills that can be transferred to other aspects of their lives. Specific skills to be covered in this class will include how to set measurable goals and strategies to achieve them, visualization and imagery techniques, leadership, and how to best cope and recover from injuries.
Adopted curricular materials: The Young Champion's Mind: How to Think, Train, and Thrive Like an Elite Athlete, Rodale Kids, Penguin Random House, Copyright 2018

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

State and Local Government — 01616

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores the governmental foundations of the State of California, the city, and the county from a hands-on approach to the government that touch students' lives daily. As California approaches the 21st Century, students are faced with a myriad of decisions and issues. There exists a complex web of public policies that affects these issues. A majority of the decisions fall under the jurisdiction of state and local governments. Students will study state and local governmental structure, current political trends and issues, and the constitution of the State of California. The curriculum will include research of case studies, simulations, visits from local political leaders, and participation in the decision making process.
Adopted curricular materials: Government by the People, Prentice Hall

Success in AP History/Social Science Courses — 01240

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed as a companion course to develop and support the study and technical skills which will ensure successful participation in advanced placement (AP) History/Social Science courses. This elective course will provide students with specific content support, practice in essential study skills, including note-taking and organization, as well as provide techniques and opportunities to practice Document Based Questions, Free Response Questions, and multiple choice questions that students will encounter on the national AP exam.
*Co-requisite: Enrollment in an AP History Social Science Course (AP Human Geography, AP World History, AP Comparative Government, AP American Government, AP Macroeconomics, AP Microeconomics, and/or AP Psychology)
(A separate prep course for AP US History, [course #1231; AP Skills, Emphasis on AP US History] exists and is offered at Cosumnes Oaks High School.)
Adopted curricular materials: No textbook assigned

The Supreme Court — 01610

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course examines the United States Supreme Court and its role in determining the laws we live by. It will begin with an introduction to the Court System, Court Structure, and the philosophy behind Judicial Review. Additionally, this course will cover Constitutional Amendments as they apply to landmark cases, as well as historical influences on rights and the Constitution. Finally, this course will explore precedent setting decisions and how these judgements affect the constitutional rights of the students and citizens at large.
Adopted curricular materials: No textbook assigned

US History — 01210

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

This course focuses on the study of modern American history, in accordance with the state framework. This is an 11th grade social science course. The class begins with a review of United States history from the nation's beginnings to the start of the 20th century. Connecting with past learning will highlight the initial segment of the class. The primary focus of the course will be I900 America to the present. Students will participate in the examination of: the Progressive Era, the Jazz Age, world wars and cold wars, depression, civil rights, Watergate, and America today. An in-depth investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in American history, and the development of a historical perspective in relation to contemporary events represent the major aspects of the course. Literature, music, art, primary readings, videos, simulations and other activities will be used to enhance the subject.
Adopted curricular materials: Impact California Social Studies: United States History & Geography, Continuity and Change, Copyright 2019, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

US History, Newcomer EL — 01830

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** None | **NCAA: No**

This course introduces newcomer English Learners to the history of modern America beginning with a review of United States history from the nation's beginnings to the start of the twentieth century. Literature, music, and art primary readings, videos, simulations, and other activities will be used to enhance the subject. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Prerequisite(s): Placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted Curricular Material: Impact California Social Studies: United States History & Geography, Continuity and Change, McGraw-Hill Education

Women's Studies — 01607

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This social science elective course is designed to introduce students to the history of the women's rights era in the United States beginning with the abolitionist movement to the roles of women in today's society. This class is aligned with the CA State Content Standards in World History and US History. Students will analyze women of different racial and social groups throughout women's suffrage reform. They will compare and contrast the working conditions, roles of women, and the image of women in the media/arts from the early 1900s through today.
Adopted curricular materials: No textbook assigned

World Geography — 01010

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Geography | **UC/CSU:** World History (a) | **NCAA: Yes**

This course introduces students to the world's geographic regions and allows them to relate that knowledge to events in today's rapidly changing world. Contemporary issues confronting the world today, such as world trade, problems of developing nations, urbanization, environmental pollution, and conservation of the world's resources are addressed. Students develop certain basic geography skills. These include map reading and place name identification along with the interpretation of charts and diagrams. As students gain a global perspective of geography, they become increasingly aware of their role as a global citizen today.

Adopted curricular materials: Geography Alive! Regions and People (a digital resource), 3rd Edition

World Geography EL — 01810

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Geography | **UC/CSU:** None | **NCAA: No**

This social science course introduces newcomer English Learners to the world's geographic regions and allows them to relate that knowledge to events in today's rapidly changing world. Students develop basic geography skills including: map reading, place name identification, and interpretation of charts and diagrams. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Prerequisite(s): Placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, CELDT/ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted curricular materials: Geography Alive! Regions and People (a digital resource), 3rd Edition

World Geography Honors — 01020

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Geography | **UC/CSU:** World History (a) | **NCAA: Yes**

This course provides the same curricular focus as the two-semester college preparatory World Geography course. The increased academic rigor of this course is based on additional reading and writing assignments that will challenge the students in using complex critical thinking skills. As in all honors classes, excellent attendance and participation is mandatory. This course is not granted "honors" credit by the UC system. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.

Adopted curricular materials: Geography Alive! Regions and People (a digital resource), 3rd Edition

World History — 01110

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World History | **UC/CSU:** World History (a) | **NCAA: Yes**

This course explores how the connection between the past and the future will continue to form our lives. In World History, students again recognize the growing interdependence of people and cultures throughout the world. Students examine major turning points in the shaping of the modern world from the late eighteenth century to the present. Literature is incorporated to shed light on the life and times of the people and helps explain how and why things turned out as they did in the world today.
Adopted curricular materials: Impact California Social Studies: World History, Culture and Geography, Copyright 2019, McGraw-Hill Education

World History Honors — 01120

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World History | **UC/CSU:** World History (a) | **NCAA: Yes**

This course covers the same curriculum as college prep World History. However, due to the increased rigor of this course based on reading and writing assignments, as well as required enrichment projects, students may elect to sign up for this academic challenge. This course is not granted "honors" credit by the UC system. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Adopted curricular materials: Impact California Social Studies: World History, Culture and Geography, Copyright 2019, McGraw-Hill Education

World History, Newcomer EL — 01820

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World History | **UC/CSU:** None | **NCAA: No**

This social science course prepares newcomer English Learners to explore how the connection between the past and the future will continue to impact our lives. Students will examine major turning points in the shaping of the modern world from the late eighteenth century to the present. This course's ELD standards-based instruction includes an emphasis on academic vocabulary, expository writing, and subject-specific reading. Instructors use a variety of scaffolded instructional techniques to address the specific needs of second language learners.
Pre-requisite(s): Placement may be determined by EL coordinator, counselor, and/or multiple measures (primary language proficiency, ELPAC, SBAC/CAASPP, program placement, etc.)

Adopted curricular materials: Impact California Social Studies: World History, Culture and Geography, McGraw-Hill Education

Writing in AP Social Sciences — 01011

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed as a companion course to develop and support writing skills which will ensure both successful performance in the AP History/Social Science courses as well as on the AP exams. This course will provide students with instruction on introducing precise claims, creating organization, developing counterclaims, using appropriate and varied transitions, and clarifying the relationships between reasons and evidence. Specifically, this course will provide focused practice for the writing successful of Short Answer Questions, Long Essay Questions, and Document-Based Questions. This course may be repeated for a maximum of 10 credits.
Co-requisite: AP Social Science Course
Adopted curricular materials: They Say/I Say, The Moves That Matter in Academic Writing, W. W. Norton & Company, Inc.

You and the Law — 01611

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

This course explores the following units: Criminal Law and Juvenile Justice, Tort Law, Consumer Law, Family Law, Housing Law, Constitutional Issues, and Individual Rights and Liberties. This course is a one-semester social science elective that introduces students to criminal and civil justice concepts.
Adopted curricular materials: Street Law: A Course in Practical Law, 10th Edition, McGraw Hill, copyright 2021

Mathematics

Advanced Math Lab — 03071

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a math elective for students enrolled in Pre-Calculus, Honors Pre-Calculus, Calculus AB, Calculus BC, or AP Statistics. Students receive extensive support with the curricular concepts and assignments in their advanced math course. Advance Math Lab offers students the tools and time needed to fully engage in and succeed with the mathematical curriculum. This course may be repeated for a maximum of 10 elective credits and is a Pass/No Pass course.
Co-requisites: Concurrent enrollment in Pre-Calculus, Honors Pre-Calculus, Calculus AB, Calculus BC, or AP Statistics
Adopted curricular materials: No textbook assigned

Advanced Mathematics, Introduction To — 03046

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This advanced course is designed to explore the calculus of multi-variable functions and the fundamentals of linear algebra. The course parallels materials from the third semester of Calculus and first semester of Linear Algebra. Topics that will be covered include partial derivatives, saddle points, the vector cross product, projection, planes, double integrals, alternate coordinate systems, inverse matrices, matrix factorization, the fundamental subspaces, vector spaces, eigenvalues and eigenvectors, orthogonality, and linear independence. The content of this course is designed to prepare students for rigorous math coursework during their first year of college. This course uses a "5-point A" grading system recognized by the CSU and UC systems.
Pre-requisite(s): Calculus BC with a grade of C or better
Adopted curricular materials: No textbook assigned

AP Calculus AB — 03050

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This advanced course is designed to parallel the first semester of a college level calculus course and will cover differential and integral calculus. Topics that will be covered include: limits, differentiation, applications of differentiation, integration, applications of integration, and elementary functions. This class will prepare students to take the AP Calculus AB test near the end of the school year, giving them the opportunity to earn college credit. Students are strongly encouraged to take the AP exam. A graphing calculator is recommended. This course uses a "5-point A" grading system recognized by the CSU and UC system.
Pre-requisite(s): Pre-Calculus with a grade of C or better
Adopted curricular materials: Calculus, 11th Edition; Cengage Learning

AP Calculus BC — 03055

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This advanced course is designed to explore the calculus of functions of a single variable. The course parallels the first year of a college level calculus course. Topics that will be covered include: all topics covered in Calculus AB, plus the rigorous definitions of limits, sequences and series, parametrically defined curves, polar curves, and other advanced techniques of integration. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. This class will prepare students to take the AP Calculus BC test near the end of the school year, giving them the opportunity to earn college credit. Students are strongly encouraged to take the AP exam. A graphing calculator is recommended. This course uses a "5-point A" grading system recognized by the CSU and UC system.
Pre-requisite(s): Pre-Calculus with a grade of C or better or Calculus AB with a grade of C or better
Adopted curricular materials: Calculus: Graphical, Numerical, Algebraic, 5th Edition, AP Edition, Pearson

AP Calculus BC Plus — 03074

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course supplements the AP Calculus BC curriculum and effectively prepares students for the AP exam and further calculus work. This course offers opportunities to extend the principal concepts of Calculus including limits, differentiation, integration, and their applications. It also previews and guides investigations about more advanced topics of Calculus and emphasizes problem solving within the context of Calculus. Students will also learn the scoring conventions and expectations of the AP exam while practicing skills while building and sustaining mastery. This course may be repeated for a maximum of 10 elective credits and is a Pass/No Pass course.
Co-requisite: Concurrent enrollment in AP Calculus BC
Adopted curricular materials: No textbook assigned

AP Calculus Lab — 03073

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course supplements the AP Calculus AB and BC curriculum and effectively prepares students for the AP exam and further Calculus work. This course offers opportunities to extend the principal concepts of Calculus including limits, differentiation, integration, and their applications. It also previews and guides investigations about more advanced topics of Calculus and emphasizes problem solving within the context of Calculus. Students will also learn the scoring conventions and expectations of the AP exam while practicing skills while building and sustaining mastery. This course may be repeated for a maximum of 10 elective credits and is a Pass/No Pass course.
Co-requisite: Concurrent enrollment in Calculus AB or Calculus BC
Adopted curricular materials: No textbook assigned

AP Pre-calculus — 03052

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

In this course, AP Precalculus students will study a variety of functions that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. Throughout this course, students develop and hone symbolic manipulation skills, including solving equations and manipulating expressions, for the many function types throughout the course. Students also learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, analytical, and verbal representations, which reveal different attributes of the functions and are useful for solving problems in mathematical and applied contexts.
Pre-requisite(s): Mathematics III with a grade of "C" or better
Adopted Curricular Materials: Precalculus with Limits, 4th Edition

AP Statistics — 03058

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This advanced course is designed to parallel the first semester of a college level introductory statistics course. The topics that will be covered include: exploratory data analysis, experimental design, producing models using probability and simulation, and statistical inference. Students are strongly encouraged to take the AP exam. A graphing calculator is strongly recommended. This course uses a "5-point A" grading system recognized by the CSU and UC system.
Pre-requisite(s): Mathematics III with a grade of C or better
Adopted curricular materials: The Practice of Statistics, W. H. Freeman and Company

Applied Mathematics 03019

Department: Mathematics
Graduation Requirement: Mathematics
Grade Level: 09-12
UC/CSU: Mathematics I (c)
Credits: 10.0
Max Credits: 10.0
NCAA: No

This year-long college-preparatory course supports key Mathematics I standards and introduces key Mathematics II standards. Designed for students who seek a better grasp of mathematical concepts before enrolling in Mathematics II, this course makes explicit connections between the Standards for Mathematical Practice and the Content Standards through performance tasks and project-based learning. This course prioritizes the usefulness in learning mathematics as students apply their knowledge using a variety of avenues such as surveys and art.
Pre-requisite(s): Mathematics I
Adopted curricular materials: EGUSD Printed APPLIED MATH Materials

Exploring Functions through Mathematical Practices 03022

Department: Mathematics
Graduation Requirement: Mathematics
Grade Level: 10-12
UC/CSU: Mathematics - Advanced (c)
Credits: 10.0
Max Credits: 10.0
NCAA: Yes

This course supports key Mathematics II standards and introduces key Mathematics III standards. Designed for students who seek a better grasp of mathematical concepts before enrolling in Mathematics III, this course focuses on function families by providing opportunities to identify and compare the key characteristics of a variety of functions as they are represented by graphs, tables, equations, and narratives describing real-world situations.
Pre-Requisite(s): Mathematics II

Adopted curricular materials: EGUSD-Created materials for Exploring Functions through Mathematical Practices

Financial Literacy 03663

Department: Mathematics
Graduation Requirement: Mathematics
Grade Level: 12
UC/CSU: Mathematics I (c)
Credits: 10.0
Max Credits: 10.0
NCAA: No

This course is an algebra-based, applications-oriented personal finance course that utilizes mathematical modeling. Financial Literacy makes use of high school mathematics topics that are applied to real-world situations. A variety of problem-solving skills and strategies will be used as students make conjectures about budget choices and understand how those choices impact their future financial health. Students will learn about investing, taxes, and the basics of credit and banking. In addition, students will examine various economic systems, including the movement of goods and services, supply and demand, and production chains.
Pre-Requisite(s): Mathematics I or Mathematics I B, Part 2
Adopted curricular material: Foundations in Personal Finance (a digital resource)

IB Math Analysis & Approaches SL1/Prep Course 20037

Department: Mathematics
Graduation Requirement: Mathematics
Grade Level: 11-12
UC/CSU: Mathematics III (c)
Credits: 10.0
Max Credits: 10.0
NCAA: Yes

This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are traditionally part of the pre-university mathematics course and topics that are amenable to investigation or conjecture and proof. This course also places a focus on the practice of mathematical writing in preparation for the Mathematical Exploration to be completed in IB Math Analysis and Approaches SL. This course is generally taken in the first year of a student's two-year IB Diploma Program coursework and is intended as a preparation year for students who will be enrolling in IB Math Analysis and Approaches SL. This EGUSD course is not recognized as an honors-level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-Requisite(s): Mathematics III with a grade of C or better.
Adopted Curricular: Math Analysis and Approaches SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Analysis and Approaches SL — 20038

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are traditionally part of the pre-university mathematics course and topics that are amenable to investigation or conjecture and proof. This course also places a focus on the practice of mathematical writing in preparation for the Mathematical Exploration, an officially assessed component of the student's IB Diploma coursework, in which students write a 12-20 page paper exploring an area of mathematical interest and relevance. This course is generally taken in the second year of a student's two-year IB Diploma Program.
Pre-Requisite(s): IB Math Analysis and Approaches SL 1/Preparation Course with a grade of C or better.
Adopted Curricular: Math Analysis and Approaches SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Applications & Interpretation SL1/Prep — 20039

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

This course recognizes mathematic's and technology's increasing role in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as application/mathematical modeling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. This course is generally taken in the first year of a student's two-year IB Diploma Program coursework. It is intended as a preparation year for students who will be enrolling in IB Math Application and Interpretations SL. This EGUSD course is not recognized as an honors-level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-Requisite(s): Mathematics II Honors with a grade of C or better.
Adopted Curricular: Math Applications and Interpretations SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Applications and Interpretation SL — 20040

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This course recognizes mathematic's and technology's increasing role in a diverse range of fields in a data-rich world. It emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling, including pre-university mathematics courses such as calculus and statistics. This course makes extensive use of technology to allow students to explore and construct mathematical models. This course also places a focus on the practice of mathematical writing, in preparation for the Mathematical Exploration, an officially assessed component of a student's IB Diploma coursework, in which students write an 8-12 page paper exploring an area of mathematical interest and relevance. This course is generally taken in the second year of a student's two-year IB Diploma Program.
Pre-Requisite(s): IB Math Applications and Interpretation SL 1/Preparation Course with a grade of C or better.
Adopted Curricular: Math Applications and Interpretations SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Mathematics: Analysis and Approaches HL1 — 20080

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This is a high-level course for students with an exceptional background in mathematics and who have competency in a range of analytical and technical skills. Students need a solid mathematics background as they prepare for future studies in fields such as engineering, physics, mathematics, and computer science. Topics include algebra, functions, trigonometry, matrices, vectors, probability and statistics, and calculus. Assessments include IB exams in May of senior year and an individual exploration project.
Pre-requisite(s): Precalculus Honors with a grade of "C" or better (B or better recommended)

Adopted curricular materials: Calculus: Graphical, Numerical, Algebraic, 5th Edition, AP Edition, Pearson

IB Mathematics: Analysis and Approaches HL2 — 20081

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This is a high-level course for students with an exceptional background in mathematics and who have competency in a range of analytical and technical skills. Students need a solid mathematics background as they prepare for future studies in fields such as engineering, physics, mathematics, and computer science. Topics include algebra, functions, trigonometry, matrices, vectors, probability and statistics, and calculus. Assessments include IB exams in May of senior year and an individual exploration project.
Pre-requisite(s): IB Mathematics: Analysis and Approaches HL1 with a grade of C or better

Adopted curricular materials: Mathematics Analysis and Approaches HL, Book 2, First Edition, Copyright 2019, Haese Mathematics Publishers; Mathematics Core Topics HL, Book 1, First Edition, Copyright 2019, Haese Mathematics

Math Lab I-III — 03070

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 15.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is a math elective for students concurrently enrolled in Mathematics I, Mathematics II, or Mathematics III where students receive extensive support with the curricular concepts and assignments in their core math course. Students are given additional time to meet the standards in depth. This course may be repeated for a maximum of 15 elective credits and is a Pass/No Pass course.
Co-requisites: Concurrent enrollment in Mathematics I, Mathematics II, or Mathematics III
Adopted curricular materials: Reveal Mathematics or ALEKS (digital curriculum)

Mathematics I — 03015

Department: Mathematics | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics I | **UC/CSU:** Mathematics I (c) | **NCAA: Yes**

This course is the first course in a series of three that uses an integrated approach to cover the following domains: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. The problem situations, models, and technology used will foster connections to the eight standards of mathematical practice, which develop concepts from multiple perspectives. Mathematics I topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparison and contrast and decision-making using Algebraic models; proving Geometric theorems about two-dimensional figures; and modeling using mathematical probability. Technology will be used to introduce and expand upon all areas of focus
Pre-requisite for students taking Mathematics I in Grade 8: Mathematics 7 Accelerated with a grade of C or better
Adopted curricular materials: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Mathematics I A, Part 1 — 03101

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Mathematics (g) | **NCAA: Yes**

Mathematics I A is the first in a two-part course that integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I B, these two courses are the equivalent of a two-year Mathematics I course. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice, which develop conceptual understanding from multiple perspectives. Mathematics I A topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparing and contrasting and decision-making using Algebraic models, and modeling using mathematical probability. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Adopted curricular materials: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Mathematics I A, Part 2 — 03102

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics I
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Mathematics I A is the first in a two-part course that integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I B, these two courses are the equivalent of a two-year Mathematics I course. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice, which develop conceptual understanding from multiple perspectives. Mathematics I A topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparing and contrasting and decision-making using Algebraic models, and modeling using mathematical probability. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics I A, Part 1
Adopted curricular materials: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Mathematics I B, Part 1 — 03103

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics I (c) **NCAA: Yes**

Mathematics I B is the second in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I A, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I B topics focus on exponential relationships, geometric transformation and congruence, the properties of lines, angles, and triangles, along with the applications of these properties; and quadrilaterals and coordinate proof. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I B. This course earns five elective credits in the first semester (Part 1) and five math credits in the second semester (Part 2).
Pre-requisite(s): Mathematics I A, Part 2
Adopted curricular materials: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Mathematics I B, Part 2 — 03104

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics I
UC/CSU: Mathematics I (c) **NCAA: Yes**

Mathematics I B is the second in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I A, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I B topics focus on exponential relationships, geometric transformation and congruence, the properties of lines, angles, and triangles, along with the applications of these properties; and quadrilaterals and coordinate proof. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I B. This course earns five elective credits in the first semester (Part 1) and five math credits in the second semester (Part 2).
Pre-requisite(s): Mathematics I B, Part 1
Adopted curricular materials: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Mathematics I Support 03016

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

This course is designed for the Mathematics I student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics I scope and sequence and provides students with the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with both online and in-class intervention to support mastering the Mathematics I standards along with standards from previous grade levels.
Co-requisite: Concurrent enrollment in Mathematics I
Adopted curricular materials: ALEKS (digital/on-line curriculum)

Mathematics II 03025

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c) **NCAA: Yes**

This course is the second course in a series of three that uses an integrated approach to cover the following domains: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course focuses on extending the laws of exponents to rational exponents, and solving and comparing the characteristics of functions, including their associated inequalities. Students will extend their work with similarity, triangle and coordinate proofs, constructions, congruence, and transformations while using proportional reasoning, trigonometric ratios and the Pythagorean Identity. Students will expand their conceptual understanding of probability and statistics.
Pre-requisite(s): Mathematics I or Applied Mathematics with a grade of C or better
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill and ALEKS (digital curriculum)

Mathematics II A, Part 1 03125

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Mathematics II A is the first in a two-course Mathematics II sequence focusing on performing operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing and solving quadratic equations, finding inverse functions, and solving systems of quadratic equations and inequalities. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics II A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics I, Mathematics I B Part 2, or Applied Mathematics with a grade of C or better
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill, and ALEKS (digital curriculum)

Mathematics II A, Part 2 03126

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Mathematics II A is the first in a two-course Mathematics II sequence focusing on performing operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing and solving quadratic equations, finding inverse functions, and solving systems of quadratic equations and inequalities. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics II A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics II A, Part 1
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill, and ALEKS (digital curriculum)

Mathematics II B, Part 1 — 03127

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Mathematics II (c) | **NCAA: Yes**

Mathematics II B is the second in a two-course Mathematics II sequence focusing on performing operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing and solving quadratic equations, finding inverse functions, and solving systems of quadratic equations and inequalities. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics II B. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics II A, Part 2
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill, and ALEKS (digital curriculum)

Mathematics II B, Part 2 — 03128

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics II (c) | **NCAA: Yes**

Mathematics II B is the second in a two-course Mathematics II sequence focusing on performing operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing and solving quadratic equations, finding inverse functions, and solving systems of quadratic equations and inequalities. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics II B. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics II B, Part 1
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill, and ALEKS (digital curriculum)

Mathematics II Honors — 03026

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics II (c) | **NCAA: Yes**

This course expands upon Mathematics II content. Mathematics II Honors includes exploring complex polynomial solutions, using the Fundamental Theorem of Algebra, extending constructions, and using theoretical and experimental probability to model compound events, permutations, combinations, and fair decision making. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-requisite(s): Mathematics I or Mathematics I B, Part 2 with a grade of C or better
Adopted curricular materials: Reveal Math Integrated II, McGraw Hill and ALEKS (digital curriculum)

Mathematics II Plus — 03075

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for the Mathematics II student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics II scope and sequence and provides students the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with intervention to support mastering the Mathematics II standards along with standards from previous grade levels. This is a Pass/No Pass course.
Pre-Requisite: None
Co-Requisite: Concurrent enrollment in Mathematics II
Adopted curricular materials: ST Math or IXL Math, dependent upon which curriculum is adopted for core intervention

Mathematics II Support 03028

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

This course is designed for the Mathematics II student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics II scope and sequence and provides students the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with both online and in-class intervention to support mastering the Mathematics II standards along with standards from previous grade levels.
Co-Requisite: Concurrent enrollment in Mathematics II
Adopted curricular materials: Reveal Mathematics and ALEKS (digital curriculum)

Mathematics II/III Accelerated Honors 03037

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c)
NCAA: Yes

This course includes all of the Mathematics II Honors standards plus a portion of the Mathematics III Honors standards that focus on extending the laws of exponents to rational exponents; solving and comparing the characteristics of functions, including polynomial, rational and radical functions (working in both the Real and Complex number systems) as well as the Fundamental Theorem of Algebra and the Binomial Theorem. Students will extend their work with similarity, proofs, constructions, and transformations while using proportional reasoning, trigonometry, and the Pythagorean Identity. Students will expand their conceptual understanding of probability and statistics, using theoretical and experimental probability to model compound events, permutations, combinations, and fair decision making. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-requisite(s): Mathematics I with a grade of C or better
Adopted curricular materials: Reveal Math Integrated II, and Reveal Math Integrated III, McGraw Hill, and ALEKS (digital curriculum)

Mathematics II/Pre-Calculus A Honors 03047

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c)
NCAA: Yes

Designed for students who wish to accelerate their mathematics education, this is the first of a two-course series. Along with Mathematics III/Pre-Calculus B Honors, these two courses prepare students for success in AP Calculus. This first course includes all of the Mathematics II Honors standards plus a selection of Pre-Calculus standards that include radian measure, the unit circle, and trigonometric functions and their inverses. In the second course, students will encounter the Mathematics III Honors standards and the remaining Pre-Calculus standards.
NOTE: This course is not granted "honors" credit by the UC system. This EGUSD honors course is not recognized as an honors-level course by UC/CSU. It earns an EGUSD GPA enhancement but does not earn a GPA enhancement by UC/CSU.
Pre-Requisite(s): Mathematics I, Mathematics I B, Part 2, or Applied Mathematics with a grade of C or better
Adopted curricular material: Reveal Math Integrated II, McGraw Hill and ALEKS (digital curriculum); PreCalculus with Limits (second half of course), 4th Edition, Cengage Learning, Copyright 2018.

Mathematics III 03035

Department: Mathematics
Grade Level: 10-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c)
NCAA: Yes

This course is the third course in a series of three that uses an integrated approach to cover the following domains: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course focuses on four major areas:(1) Expanding the understanding of functions to include polynomial, rational, and radical functions, (2) Expanding right triangle trigonometry to include general triangles, (3) Applying methods from probability and statistics to draw inferences and conclusions from data, and (4) Consolidating functions and geometry to create models and solve contextual problems.
Pre-requisite(s): Mathematics II, Mathematics II B, Part 2, Mathematics II Honors, or Exploring Functions through Mathematical Practices with a grade of C or better.
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill or ALEKS (digital Curriculum)

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics III A, Part 1 — 03135

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Mathematics III A is the first in a two course Mathematics III course sequence focusing on polynomial functions, rational and radical functions, and the use of geometry and functions to model and solve problems. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics III A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics II, Mathematics II B, Part 2 or Exploring Functions through Mathematical Practices with a grade of C or better.
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill, and ALEKS (digital curriculum)

Mathematics III A, Part 2 — 03136

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Mathematics III A is the first in a two course Mathematics III course sequence focusing on polynomial functions, rational and radical functions, and the use of geometry and functions to model and solve problems. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics III A. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics III A, Part 1
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill, and ALEKS (digital curriculum)

Mathematics III B, Part 1 — 03137

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics III (c) **NCAA: Yes**

Mathematics III B is the second in a two-course Mathematics III sequence focusing on exponential and logarithmic functions and equations, trigonometric functions, and using data analysis to make decisions. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics III B. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics III A, Part 2
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill, and ALEKS (digital curriculum)

Mathematics III B, Part 2 — 03138

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Mathematics III B is the second in a two-course Mathematics III sequence focusing on exponential and logarithmic functions and equations, trigonometric functions, and using data analysis to make decisions. Students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics III B. This course earns five elective credits in the first semester (Part 1) and five mathematics credits in the second semester (Part 2).
Pre-requisite(s): Mathematics III B, Part 1
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill, and ALEKS (digital curriculum)

Mathematics III Honors — 03036

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

This course expands upon Mathematics III content. Mathematics III Honors includes extending polynomial identities to the complex system, using the Fundamental Theorem of Algebra and the Binomial Theorem, understanding that rational expressions with both linear and quadratic denominators are analogous to the rational numbers, proving and using the Laws of Sines and Cosines and using them to solve problems, applying the Laws of Sines and Cosines in both right and non-right triangles, and using probability concepts in more complex situations. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-requisite(s): Mathematics II, Mathematics II B, Part 2, Mathematics II Honors, or Exploring Functions through Mathematical Practices with a grade of C or better.
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill or ALEKS (digital Curriculum)

Mathematics III Plus — 03076

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for the Mathematics III student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics III scope and sequence and provides students the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with intervention to support mastering the Mathematics III standards along with standards from previous grade levels. This is a Pass/No Pass course.
Pre-Requisite: None
Co-Requisite: Concurrent enrollment in Mathematics III.
Adopted curricular materials: ST Math or IXL Math, dependent upon which curriculum is adopted for core intervention.

Mathematics III Support — 03039

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for the Mathematics III student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics III scope and sequence and provides students the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with both online and in-class intervention to support mastering the Mathematics III standards along with standards from previous grade levels.
Co-requisite: Concurrent enrollment in Mathematics III
Adopted curricular materials: Reveal Mathematics and ALEKS (digital curriculum)

Mathematics III/Pre-Calculus Accelerated Honors — 03038

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

This course includes a portion of the Mathematics III Honors standards as well as all of the Pre-Calculus standards that focus on extending work with trigonometry to include general triangles and proving and using the Laws of Sines and Cosines as well as consolidating functions and geometry to create models and solve contextual problems. Students will apply methods from probability and statistics to draw inferences and conclusions from data while exploring more complex situations. In addition, students will apply standards from linear algebra, math analysis, and limits to real-world situations. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-requisite(s): Mathematics II/III Accelerated Honors with a grade of C or better
Adopted curricular materials: Reveal Math Integrated III, McGraw Hill or ALEKS (digital Curriculum) and Precalculus with Limits, 4th Edition, Cengage Learning

Mathematics III/Pre-Calculus B Honors — 03048

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

Designed for students who wish to accelerate their mathematics education, this is the second of a two-course series. Along with Mathematics II/Pre-Calculus A Honors, this course prepares students for success in advanced math courses, including AP Calculus. This second course includes all of the Mathematics III Honors standards plus a selection of Pre-Calculus standards that include analytic trigonometry, conic sections, and an introduction to limits.
NOTE: This course is not granted "honors" credit by the UC system. This EGUSD honors course is not recognized as an honors-level course by UC/CSU. It earns an EGUSD GPA enhancement but does not earn a GPA enhancement by UC/CSU.

Pre-Requisite(s): Mathematics II/Pre-Calculus A Honors with a grade of C or better
Adopted curricular material: Reveal Math Integrated III, McGraw Hill and ALEKS (digital curriculum) (first half of course); PreCalculus with Limits (second half of course)

Newcomer Applied Mathematics — 03011

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics I | **UC/CSU:** Mathematics I (c) | **NCAA: No**

This college-preparatory course supports key Math I standards and introduces key Math II standards. Designed for students who seek a better grasp of math concepts before enrolling in Math II, this course makes explicit connections between the Standards for Mathematical Practice and the Content Standards through performance tasks and project-based learning. This course prioritizes the usefulness of learning mathematics as students apply their knowledge using a variety of avenues such as surveys and art. To meet the needs of Newcomer students, the course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of mathematics texts. Instructors use a variety of scaffolded instructional techniques focusing on listening, speaking, reading, and writing to address the specific needs of Newcomer English Learners.
Pre-requisite(s): Mathematics I or Mathematics I Newcomer EL (or equivalent course outside the US)
Adopted Curricular Materials: EGUSD Applied Math in Google Drive

Newcomer Introductory Math — 03812

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Mathematics | **UC/CSU:** None | **NCAA: No**

This course is exclusively for students who are enrolled in a Newcomer program. Classroom instruction uses an asset-based approach to teach the building blocks of math: number sense and operations with rational numbers. The course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of mathematics texts. Teachers use a variety of scaffolded instructional techniques focused on listening, speaking, reading, and writing to meet the specific needs of Newcomer Multilingual Learners. The course provides students with a balanced knowledge of math, equally focused on conceptual understanding, procedural fluency, and application, to prepare students for success in Newcomer Intermediate Mathematics. Both Newcomer Introductory Mathematics and Newcomer Intermediate Mathematics are intended to be completed in one calendar year. Students who begin the class more than one term/quarter into the year may repeat the course for credit, if needed, prior to enrolling in Newcomer Intermediate Mathematics. Once a student passes Newcomer Intermediate Mathematics, the next course is to be Newcomer or General Education Mathematics I.
Pre-requisite: None
Co-requisite: Enrollment in a Newcomer Program.
Adopted Curricular Materials: No textbook assigned

Newcomer Mathematics I — 03810

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics I | **UC/CSU:** Mathematics I (c) | **NCAA: No**

This course provides English learners in a Newcomer Program with the foundational algebra and geometry skills needed for success in subsequent high school math courses. Topics include linear and exponential functions, congruency, scatter plots, two-way frequency tables, and measures of central tendency. The course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of mathematics texts. Instructors use a variety of scaffolded instructional techniques focusing on listening, speaking, reading, and writing to address the specific needs of Newcomer English learners.
Pre-Requisite(s): None
Co-Requisite(s): Enrollment in a Newcomer Program
Adopted curricular material: Reveal Math Integrated I, McGraw Hill or ALEKS (digital curriculum)

Newcomer Mathematics I Companion Course — 03811

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Mathematics | **UC/CSU:** None | **NCAA: No**

This course is designed for students whose formal education may have been interrupted and must be taken concurrently with Mathematics I Newcomer EL while enrolled in a Newcomer Program. The goal is to provide students with the foundational mathematics skills for success in Mathematics I and beyond. The course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of mathematics texts. Instructors use a variety of scaffolded instructional techniques focusing on listening, speaking, reading, and writing to address the specific needs of Newcomer English learners. This course may be repeated for a maximum of 20 credits only if the Mathematics I Newcomer EL course is eligible to be repeated due to a failing grade.
Pre-Requisite(s): None
Co-Requisite(s): Enrollment in Mathematics I Newcomer EL and Enrollment in a Newcomer Program
Adopted curricular material: Reveal Mathematics or ALEKS (digital curriculum)

Pre-Calculus — 03040

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

This course is designed to extend the study of mathematics beyond the standard three-year progression of Mathematics I, Mathematics II, Mathematics III. Topics that will be covered will include: math analysis, trigonometry, and linear algebra. A graphing calculator is recommended.
Pre-requisite(s): Mathematics III with a grade of C or better
Adopted curricular materials: Precalculus with Limits, 4th Edition, Cengage Learning

Pre-Calculus A, Part 1 — 03143

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Mathematics (g) | **NCAA: Yes**

The course focuses on extending work with functions including exponential, logarithmic, trigonometric, inverse, and higher degree polynomials. Students will consolidate functions and geometry to create models and solve contextual problems. This course earns five elective credits for the first semester (Part 1) and five math credits for the second semester (Part 2).
Pre-requisite(s): Mathematics III or Mathematics III Honors with a grade of C or better
Adopted curricular materials: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus A, Part 2 — 03144

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

The course focuses on extending work with functions including exponential, logarithmic, trigonometric, inverse, and higher degree polynomials. Students will consolidate functions and geometry to create models and solve contextual problems. This course earns five elective credits in the first semester (Part 1) and five math credits for the second semester (Part 2).
Pre-requisite(s): Pre-Calculus A, Part 1
Adopted curricular materials: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus B, Part 1 — 03145

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

The course focuses on extending work with systems of equations and inequalities and sequences and series and introduces conic sections and vectors. Students will consolidate various topics to create models and solve contextual problems. This course earns five elective credits in the first semester (Part 1) and five math credits for the second semester (Part 2).
Pre-requisite(s): Pre-Calculus A , Part 2
Adopted curricular materials: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus B, Part 2 — 03146

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

The course focuses on extending work with systems of equations and inequalities and sequences and series and introduces conic sections and vectors. Students will consolidate various topics to create models and solve contextual problems. This course earns five elective credits in the first semester (Part 1) and five math credits for the second semester (Part 2).
Pre-requisite(s): Pre-Calculus B, Part I
Adopted curricular materials: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus Honors — 03041

Department: Mathematics
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

This course is designed to extend the study of mathematics beyond the standard three-year progression of Mathematics I, Mathematics II, Mathematics III. It is recommended for those students who wish to take an AP calculus class. Topics that will be covered will include: limits, derivatives, continuity, piece-wise functions, as well as math analysis, trigonometry, and linear algebra. A graphing calculator is recommended. This course uses a "5-point A" grading system recognized by the CSU and UC systems. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Mathematics III with a grade of C or better

Adopted curricular materials: Precalculus with Limits, 4th Edition, Cengage Learning

Probability and Statistics 03068

Department: Mathematics **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics III (c) **NCAA: Yes**

This course is designed to explore the study of probability and the processing of statistical information. The course will review Algebra and Geometry concepts that relate to statistics. The topics that will be covered include: probability, standard distributions, measures of central tendency, standard deviation, and interpretation of these data. (A scientific calculator is recommended.)
Pre-requisite(s): Pre-requisite(s): Mathematics II, Mathematics II B, Part 2, Mathematics II Honors, or Exploring Functions through Mathematical Practices with a grade of C or better

Adopted curricular materials: Statistics and Probability with Applications, Third Edition; Bedford, Freeman & Worth

Quantitative Reasoning With Advanced Math Topics 03147

Department: Mathematics **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics III (c) **NCAA: Yes**

This course provides college and career-bound high school seniors with the mathematical thinking and problem-solving expectations of higher education mathematics courses and workplace requirements. This course strengthens and extends students' mathematical foundations by deepening conceptual understanding of mathematical theory, skills and strategies with selected higher mathematics standards.
Pre-Requisite: Mathematics III or Mathematics III B with a grade of C or better
Adopted curricular materials: Intersegmental Partnership between CSUS/SCOE/PCOE/LRCCD/SJCCD, Publisher: CSUS/SCOE, Contact Joy Salvetti.

Transition to Quantitative Reasoning 03661

Department: Mathematics **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics - Advanced (c) **NCAA: No**

This course for seniors is designed to strengthen students' mathematical foundation and to prepare students to be successful in college-level math. The goal of this course is to deepen conceptual understandings of mathematical theory, skills, and strategies required by the California content and practice standards. Utilizing practical life applications, this course serves both college and career-bound high school seniors.
Pre-requisite(s): Mathematics III or Mathematics III B, Part 2 with a grade of C or higher
Adopted curricular materials: Intersegmental Partnership between CSUS/SCOE/PCOE/LRCCD/SJCCD, Publisher: CSUS/SCOE, Contact Joy Salvetti.

Physical Education

Aerobics — 08671

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This class focuses on aerobic conditioning and improvement of physical fitness. Jazz aerobics, step aerobics, and body sculpting will be emphasized.
Pre-requisite(s): PE course I with a grade of C or better
Adopted curricular materials: No textbook assigned

Athletic Conditioning — 08620

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for athletes involved in an on-campus athletic team. Students will participate in weight training, core fitness development, and cardiovascular fitness development. Students will work with the instructor to develop a training plan that has a specific periodization plan that is specific to their sport. This course is NOT to be used for PE graduation credit. Elective credit only. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): 9th-grade students must be participating on an on-campus athletic team and receive approval from the course instructor or athletic director to be enrolled in the course.
Adopted Curricular Materials: No textbook assigned

Athletic Conditioning and Strength Training — 08682

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course seeks to enrich the student athlete's fundamental foundation of sport, including physically, mentally, and socially. The athlete will develop a life-long approach to physical fitness and athletic endeavors. This course is designed to familiarize the student to an approach at athletic conditioning with sport-specific in-season and off-season training. This course may be repeated for a maximum of 20 credits.
Co-requisite: 9th grade students must take the California Physical Fitness Test
Adopted curricular materials: No textbook assigned

Basketball — 08601

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course provides beginning to advanced skill development and game strategies. Students will be expected to dress, participate everyday (unless excused by instructor or medical), be in class on time, and take skill and written tests. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Careers In Athletics — 08676

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to introduce students to career opportunities in the expanding business of athletics and sports. Units covered will include management of sports programs, societal issues in sports, teaching/coaching theory, athletic administration, and sports officiating. There will be an emphasis in career inventories and searches, guest speakers, observation, and community service. Elective credit only.
Adopted curricular materials: No textbook assigned

Fit4Life 08686

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students who want to continue their fitness planning for life beyond high school. This course focuses on how to improve and maintain muscular strength, cardiovascular endurance, flexibility, core stability, and balance. Students will be introduced to a variety of HIIT (high intensity interval training) workouts, core training, power walking, and yoga that can be continued in life after high school with basic equipment. The use of technology for health and fitness tracking will be explored. This is an elective PE course and can not be taken in place of PE Course I or PE Course II.
Pre-Requisite: PE Course I
Adopted curricular materials: No textbook assigned

Fitnacize 08629

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course emphasizes daily exercise routines to music to improve physical fitness and maintain or improve body measurements. Students will be required to present an exercise routine of their own at the end of the course. This is an elective course and cannot be taken in place of PE Course I or PE Course II.
Adopted curricular materials: No textbook assigned

Fitness and Core Training 08684

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course incorporates a variety of aerobic activities including circuit exercises with various equipment such as TRX bands, resistance bands, Bosu balls, physioballs, jump ropes, and weights. Core work will enhance abdominal, lower back, gluteal, and hip strength with toning benefits to the entire body.
Pre-requisite: Physical Education Course I
Adopted curricular materials: No textbook assigned

Flag Football 08611

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course focuses on the development and understanding of basic terminology, rules, and strategies relevant to flag football. They will learn the historical perspectives and proper sportsmanship involved in this sport. In addition, students will develop motor skills necessary to be an effective teammate in this activity. This is an elective course and cannot be taken in place of Course I or Course II.
Pre-requisite(s): PE Course I and II
Adopted curricular materials: No textbook assigned

Golf 08641

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides beginning to advanced skill development in the game of golf. The fundamentals of the swing, the grip, the equipment, the history of golf, the many different shots and the mental aspects of the game will be covered. Students will be expected to dress, participate daily, and take skill and written tests. Sophomores may take this course in place of P.E. Course II for one semester only.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Individual Sports, Introduction to — 08618

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course emphasizes the four units of instruction in tennis, golf, handball, and Frisbee golf. Skills specific to each sport will be emphasized and developed throughout the progression of the course. Note taking, reading, and Internet investigation will be used to supplement student leaning. Students will take written exams in each area of study. This is an elective course and cannot be taken in place of PE Course I or PE Course II. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

PE Contract Course I and/or Course II — 08035

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course provides students who are enrolled in an alternative education program physical education credits through participation in off-campus, supervised fitness activities. The activities must be specifically for the purpose of physical fitness and connected to the FITT principles. Students can earn one credit for each 18 hours of documented, supervised, and verified physical activities. This is a Pass/No Pass Course and may be repeated for a maximum of 20 credits.
Adopted curricular materials: None assigned

Personal Fitness/Walking — 08624

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle. The course will help students acquire the knowledge, skills, and attitude necessary for physical fitness through their participation in a walking program and low-impact exercises (i.e., yoga, chi, aerobics, etc.). This course may be repeated for a maximum of 30 credits.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Physical Education, Course I — 08020

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course provides a wide variety of activities focusing on aquatics, rhythm/dance, and team activities to help students demonstrate knowledge of and competency in motor skills, movement patterns, and strategies needed to perform a variety of physical activities. All students are expected to dress and participate on a daily basis. Students learn how to achieve physical fitness and the importance of maintaining an active lifestyle throughout their lifetime. This course also provides an opportune setting for adolescents to learn appropriate social interaction skills.
Adopted Curricular Materials: No textbook assigned

PHYSICAL EDUCATION, ADAPTED
This course provides for students whose needs are not met in the regular program. The adapted physical education program is under the supervision of an Adapted Physical Education (A.P.E.) specialist with training in this area. Enrollment must be accompanied by a physician's approval. The program provides individualized activities specially designed to meet each student's needs and conditions. The class gives special attention to those with limitations and protects students with disabilities.
Pre-requisite(s): I.E.P. and physician approval
Adopted curricular materials: No textbook assigned

PHYSICAL EDUCATION, MODIFIED
This course provides for students with temporary limitations (four weeks to one year) i.e., knee, arm, ankle, shoulder, back problems, fractures. Enrollment must be accompanied by a physician's recommendation. Activities may include archery, badminton, Frisbee games, golf, hockey, rhythms, table tennis, and weight training that will be modified to meet each student's needs.
Pre-requisite(s): Physician recommendation
Adopted curricular materials: No textbook assigned

Physical Education, Course II — 08030

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

This course offers a variety of activities focusing on proficiency of movement skills focusing on team activities, combatives, and gymnastics/tumbling. Students will learn skills necessary to perform a variety of physical activities as well as knowledge of physical fitness and wellness. Students will create goals and integrate their knowledge into life-long patterns of wellness and fitness. All students are expected to dress and participate on a daily basis.
Adopted Curricular Materials: No textbook assigned

Power Volleyball — 08627

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course offers beginning to advanced skill development and game strategies. Students will be expected to dress, participate every day (unless excused by instructor or medical), be in class on time, and take skill and written tests. This is an elective course.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Recreational Games — 08626

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course analyzes skills for effective movement as outlined in the California Department of Education's "Challenge Standards for Physical Education." Students will be required to demonstrate improved skill performance. Since the major theme of instruction is the analysis of physiological and mechanical principles involved in human movement, students will make adjustments as needed in physical performance to achieve high levels in fitness and motor performance. The culminating outcome of this course requires students to review their physical education experience in school, explore the reasons for physical education being taught in schools, and examine the relationships between physical education and personal and social development. This is an elective course and cannot be taken in place of PE Course I or PE Course II.
Adopted curricular materials: No textbook assigned

Recreational Racquet Sports — 08625

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course introduces students to the basic skills and knowledge associated with playing tennis, badminton, pickleball, and ping pong. The goal of this class is to provide students with the knowledge, sportsmanship, and skills necessary for them to pursue playing racquet sports as a life-long activity. The course will provide students with an environment to practice positive personal and social skills. This is an elective course and cannot be taken in place of PE Course I or II. This course may be repeated for a maximum of 10 credits.
Pre-Requisite(s): Must complete 20 credits of PE before enrolling in this class. This course cannot be taken in place of PE Course I or Course II to fulfill the 20-credit PE graduation requirement to graduate high school.
Adopted curricular material: No instructional materials assigned

Recreational Tennis — 08622

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students to develop and understand basic terminology, rules, and strategies relevant to tennis. They will learn the historical perspectives and proper sportsmanship involved in this sport. In addition, students will develop motor skills necessary to play effectively in this activity. This is an elective course and cannot be taken in place of Course I or Course II.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Sports for Life — 08679

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Sports for Life (Physical Education, Grades 11-12) (semester equivalent, 5 credits)
This course provides students the opportunity to develop sport skills for a lifetime of recreational activity through instructional units centered on team sports. Student participation in class activities will improve health-related physical fitness. Students may enroll in Sports for Life upon successful completion of PE Course I or equivalent. This course may be repeated for a maximum of 10 credits.
Pre-requisite(s): Successful completion of Physical Education Course I or equivalent
Adopted curricular materials: No textbook assigned

Sports for Life Survey — 08678

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides students the opportunity to develop sports skills for a lifetime of recreational activity through instructional units centered on team sports. Student participation in class activities will improve health-related physical fitness. Students may enroll in Sports for Life Survey upon successful completion of PE Course I or equivalent. After completion of this course, students may be interested in enrolling in the more in-depth Sports for Life semester course. Sports for Life Survey does not meet the Physical Education graduation requirement.
Pre-requisite(s): Successful completion of Physical Education Course I or equivalent
Adopted curricular materials: No textbook assigned

Sports Journalism — 08673

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course offers students the opportunity to write for publication. Course content will include the elements of journalism. These elements include developing content, research, writing, polls and surveys, interviewing techniques, photojournalism, story writing, design, and computer technology. Student assignments will coordinate with the Literary Publications class. Students will print finalized proofs for the senior editor of the yearbook or literary magazine. All publications will be edited and District Published Work Standards will be applied. Elective credit only.
Adopted curricular materials: No textbook assigned

Sports Medicine — 08672

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed as an introduction to the care and prevention of athletic injury. However, anatomy and physiology will be studied with an emphasis on joints and muscle groups related to athletic movement. Modalities of treatment, such as icing, ice massage, whirlpool, etc. will be explored. Taping and wrapping will be practiced. Prevention of injuries through proper stretching, rest, nutrition, training, etc. will be emphasized. This course could be used to qualify as a student trainer for an athletic team. Elective credit only.
Adopted curricular materials: No textbook assigned

Team Sports, Introduction to — 08619

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course offers three six-week segments of instruction in team sports. Skills specific to each sport will be emphasized and developed throughout the progression of the course. Note-taking, reading, and Internet investigations will also be used to supplement student learning. This is an elective course and cannot be taken in place of Course I or Course II.
Pre-requisite(s): PE Course I
Adopted curricular materials: No textbook assigned

Weight Training and Conditioning — 08683

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

The emphasis in this course is on muscular strength, endurance, flexibility, and safety. The core lifts in this course include parallel squats, power and hanging cleans, bench press, and incline press. Important components in this course include: weight room safety, warm up/cool down procedures, lifting techniques and safety for all lifts, major muscle identification, and individual goal setting. Students will monitor and improve their fitness levels by participating in the FitnessGram assessments throughout the semester. This course may be repeated for a maximum of 20 credits.
Co-requisite: 9th grade students must take the California Physical Fitness Test
Adopted curricular materials: No textbook assigned

Weight Training, Advanced — 08675

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students who want to become more physically fit and who have a serious interest in developing strength through a weight training program. Strength training, toning, plyometrics, and jump rope will be the main themes of the course. Cardiovascular techniques will also be stressed. This course may be repeated for a maximum of 30 credits. Students will be expected to dress and participate every day. Sophomores may take this course in place of PE Course II for one semester only. Students not meeting instructor expectations may be moved into PE Course II.
Pre-requisite(s): Beginning Weight Training
Adopted curricular materials: No textbook assigned

Weight Training, Beginning — 08670

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This five credit course is designed to introduce students to weight training. It will cover muscles and their functions, 46 basic lifts, and an understanding of training frequency, training resistance, training repetitions, training progression, and training speed. Students will be introduced to workout design. During the second quarter, the students will design their own workout program and set personal goals. Students will analyze their diet and be given instruction on diet needs when weight training. This course must be passed before Advanced Weight Training can be taken. Elective credit only.
Pre-requisite(s): PE Course I with a grade of C or better
Adopted curricular materials: No textbook assigned

Yoga for Physical Education — 08685

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Students will be introduced to the practice of power (Vinyasa) yoga. Students will focus on their overall flexibility, strength, core and cardiovascular endurance through daily yoga practices. Reduction of stress through mindfulness and meditation and increased ability to focus are added benefits that typically coincide with yoga practice.
Pre-Requisite(s): Physical Education Course I; Scored in the Healthy Fit Zone (HFZ) for 4 out of 6 components on the California Physical Fitness Test in 9th Grade
Adopted curricular materials: No textbook assigned

Yoga, Introduction to

08630

Department: Physical Education
Grade Level: 10-12
Credits: 5.0
Max Credits: 25.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

This course is designed to introduce students, safely and accessibly to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built-up stress, learn to relax, and ultimately get more out of day-to-day life. The aim of this course is to promote vibrant health and to tap the body's latent energy reserves. This course may be repeated for a maximum of 25 credits.
Pre-requisite(s): Physical Education Course I. Tenth grade students must pass the PFT to enroll in course.
Adopted curricular material: No textbook assigned

Science

AP Biology — 04109

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This course is designed as an intensive, in-depth second year biology course for students who seek additional challenge. This college-level class will focus on the content of the AP biology curriculum and will prepare students to take the AP biology test. Students are strongly encouraged to take the AP exam.
Pre-requisite(s): Biology and Chemistry with a grade of C or better
Adopted curricular materials: AP Edition, Campbell Biology in Focus, Pearson, 3rd Edition, Copyright 2020

AP Biology Support — 04139

Department: Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to augment the AP Biology course by extending the scope of topics covered. The course is also designed to bridge the gap between block terms, allowing for more in-depth coverage of topics and to prepare students for
Co-requisite: Concurrent enrollment in AP Biology
Adopted curricular materials: AP Edition, Campbell Biology in Focus, Pearson, 3rd Edition, Copyright 2020

AP Chemistry — 04209

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course offers mathematical and laboratory models to develop an understanding of Chemistry. This accelerated Chemistry course content includes reactions, thermo chemistry, bonding, and kinetics. Students will be eligible to take the AP examination in Chemistry and may earn college credit. Students are strongly encouraged to take the AP exam.
Pre-requisite(s): Mathematics II with a grade of C or better and concurrent enrollment in Mathematics III or higher level mathematics course
Adopted curricular materials: Chemistry: A Molecular Approach, AP Edition, Pearson, 6th Edition, Copyright 2023

AP Chemistry Support — 04239

Department: Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to enhance student's conceptual knowledge through inquiry laboratory experiences. After performing each inquiry lab, students will prepare lab reports, complete problem sets, and participate in discussions. Skills developed in this class will prepare students for success on the AP Chemistry exam.
Co-requisite: Concurrent enrollment in AP Chemistry course and in Mathematics III or higher-level mathematics course
Adopted curricular materials: Chemistry: A Molecular Approach, AP Edition, Pearson, 6th Edition, Copyright 2023

AP Environmental Science — 04639

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course focuses on interrelationships of the natural world, energy conversions, environmental problems, and alternative solutions for resolving or preventing them. This Advanced Placement Environmental Science course is designed to be an introductory college course in environmental science. The course content will cover topics outlined by the College Board and will prepare the students to take the AP exam in May. Students will be involved in laboratory and field investigations, individual research and writing laboratory reports.
Pre-requisite(s): One year of life science and one year of physical science with a grade of C or better. Due to the quantitative analysis required in the course, students will benefit from having successfully completed Mathematics I.
Adopted curricular materials: Environmental Science for the AP Course, 3rd Edition, Bedford, Freeman, & Worth, Copyright 2019

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Physics I — 04311

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Approximately twenty-five percent of the instructional time will be spent in hands-on laboratory work with an emphasis on inquiry-based investigations that provide opportunities for students to apply the science practices.
Pre-requisite(s): Mathematics II with a grade of C or better and concurrent enrollment in Mathematics III
Adopted curricular materials: College Physics, Cengage Learning

AP Physics II — 04312

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Approximately twenty-five percent of the instructional time will be spent in hands-on laboratory work with an emphasis on inquiry-based investigations that provide opportunities for students to apply the science practices.
Pre-requisite(s): AP Physics I or a comparable introductory course with a grade of C or better
Adopted curricular materials: College Physics, Cengage Learning

AP Physics Support — 04339

Department: Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to enhance student's conceptual knowledge through inquiry laboratory experiences and review of topics covered in AP Physics 1. After performing each inquiry lab, students will prepare lab reports, complete problem sets, and participate in discussions. Test preparation will also include multiple choice and free response practice. Skills developed in this class will prepare students for success on the AP Physics 1 exam.
Co-Requisite(s): Coenrollment in AP Physics I
Adopted curricular materials: No textbook assigned

Astronomy — 04611

Department: Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Elective: Science (g) | **NCAA: Yes**

This course explores the universe in which we live. The class will focus on the science behind our understanding of our universe. The course may provide opportunities for viewing stars and exploring constellations.
Pre-Requisite: Concurrent enrollment in Mathematics I or higher
Adopted curricular materials: Foundations of Astronomy, 14th Edition, Cengage, Copyright 2019

Astronomy Survey — 04615

Department: Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This elective course is taught by lecture, demonstrations, collaborative learning, and laboratory methods. The course covers the following topics: The Basics of Astronomy, The Solar System, The Sun and Other Stars, and The Big Bang Theory and Beyond.
Adopted curricular materials: Foundations of Astronomy, 14th Edition, Cengage, Copyright 2019

Biochemistry of Foods 04203

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: Physical Science (d) **NCAA: Yes**

In this course, students will institute and apply chemistry and biology course content related to food science including food safety, food chemistry, food biology, food processing, food product development, and marketing.
Pre-Requisite: Biology of the Living Earth and Chemistry in the Earth System
Adopted curricular materials: Principles of Food Science, Fourth Edition, The Goodheart-Willcox Company, Inc.

Biology of the Living Earth 04104

Department: Science
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This laboratory course provides a foundation for the biological and earth sciences. Topics include ecosystem interactions and energy, history of Earth's atmosphere, evidence for evolution, inheritance of traits, structure and function, and ecosystem stability and the response to climate change. This course emphasizes developing conceptual models through asking questions, analyzing data, designing and carrying out experiments and designing solutions to real world situations.
Co-requisite: Completion or enrollment in Mathematics I or equivalent
Adopted curricular materials: STEMscopes CA-NGSS-3D, The Living Earth, Accelerated Learning, Inc.

Biology of the Living Earth, Newcomer EL 04107

Department: Science
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This laboratory course provides English learners in a Newcomer Program a foundation for the biological and earth sciences. Topics include ecosystem interactions and energy, history of Earth's atmosphere, evidence for evolution, inheritance of traits, structure and function, and ecosystem stability, and the response to climate change. This course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of science texts. (See NGSS Performance Expectations & Disciplinary Core Ideas.) Instructors use a variety of scaffolded instructional techniques focusing on listening, speaking, reading, and writing to address the specific needs of Newcomer English Learners. This course emphasizes developing conceptual models through asking questions, analyzing data, designing and carrying out experiments, and designing solutions to real-world situation.
Pre-Requisite(s): None
Co-Requisite(s): Completion or enrollment in Mathematics I or equivalent AND enrollment in a Newcomer Program

Adopted curricular materials: STEMscopes CA NGSS 3D - HS The Living Earth; Accelerate Learning Inc., Copyright 2018

Chemistry in Biotechnology 04210

Department: Science
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

In this course, students investigate and apply chemistry and biotechnology concepts and methods to understand and address issues related to five essential human needs - water, food, health, waste management, and energy. Students will be required to research and develop solutions to threats in these areas and make connections to the world around them.
Pre-Requisite: Completion of Biology or Biology of the Living Earth with a grade of C or better
Co-Requisite: Concurrent enrollment in Mathematics II
Adopted curricular materials: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Chemistry in the Community — 04201

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course provides a college-level Chemistry class for students planning on attending college as a non-science major. The course is designed around chemically related life and environmental issues and is laboratory orientated. The course uses the mathematical nature and laboratory discovery approach to develop a chemical understanding of water purity, chemical resources, petroleum resources and alternatives, chemistry of foods, nuclear chemistry, atmospheric chemistry, biochemistry, and industrial chemistry.
Pre-requisite(s): Biology and Mathematics I with a grade of C or better
Adopted curricular materials: Chemistry in the Community, V.H.P.S.

Chemistry in the Earth System — 04204

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This laboratory course provides instruction in chemistry through exploration of natural phenomena in earth systems. Students will engage in scientific practices and laboratory experiments to investigate the following topics: atomic theory, chemical bonding and reactions, thermodynamics, plate tectonics, climate change, and ocean acidification.
Co-requisite: Completion or enrollment in Mathematics I or equivalent
Adopted curricular materials: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Criminalistics — 04620

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** None | **NCAA: Yes**

This course presents coordinated understanding of crime, crime investigation, and crime analysis. The course is taught utilizing a hands-on investigation of a "real-life" felonious crime including steps taken by a Crime Investigation Unit of a city/state/national investigation agency. Fields of study will include pathology, toxicology, anthropology, psychology, and criminalistics. Techniques that may be utilized include forensic genetics (DNA fingerprinting) and physical evidence analysis. This course will also research the impact of crime on society.
Pre-requisite(s): Biology with a grade of C or better
Adopted curricular materials: Criminalistics: An Introduction to Forensic Science, High School Edition, 13th Edition, Pearson Education, Copyright 2021

Culinary Chemistry — 04202

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This course provides instruction through lectures, demonstrations, and laboratory methods and is designed to be taken by students as part of the Culinary Arts Academy. This yearlong course functions as a general introductory course in chemistry and is designed to develop chemical principles and concepts from experimental observations and data and show how these principles can be used to explain phenomena in food preparation, spoilage processes, and daily life.
Pre-requisite(s): Biology of the Living Earth and completion of or concurrent enrollment in Mathematics I

Adopted curricular materials: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Ecology 04630

Department: Science **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Elective: Science (g) **NCAA: Yes**

This course is designed to give first-hand laboratory experience in observing and working with organisms in their environment. Students must be willing and able to work in a hands-on setting. Class topics will include studies of food webs and food energy, plant and animal populations, communities and ecosystems, as well as studies in human ecology. Students will also learn about the ecology of the Sacramento area. Students will be expected to complete individual projects and long-term assignments. Homework consists of reading, lab reports, term papers, and a research project. Students may be exposed to the FFA, supervised occupational experience programs, and careers in Agriculture Business.
Pre-requisite(s): Biology with a grade of C or better
Adopted curricular materials: Visualizing Environmental Science, 5th Edition, Wiley & Sons, Copyright 2017

Emerging & Re-Emerging Infectious Diseases 04643

Department: Science **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science **UC/CSU:** None **NCAA: No**

This course is designed for students with basic biology knowledge who are interested in infectious diseases in humans. In this course, students will explore biological factors associated with disease emergence and re-emergence. This course will cover how humans become infected by a wide variety of bacteria, protozoa, viruses, helminthes (worms) and prions, as well as how the human body defends itself against these invaders. It will also explore how human behavior and human activities have catalyzed the emergence of new infectious diseases as well as the re-emergence of ancient plagues.
Pre-requisite(s): Biology with a grade of C or better
Adopted curricular materials: Foundations in Microbiology, Kathleen and Arthur Talaro

Enviroscapes 04631

Department: Science **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science **UC/CSU:** None **NCAA: No**

This course is designed to study the environmental impacts that humans have had on Earth due to the development of civilization. It covers the time from early hunter-gatherer societies to the modern megalopolis and overall effects of the entire human race on planet Earth. Topics covered will be growth impacts, carrying capacity, energy types and usage, water usage, land use, rain forest depletion, agriculture, pollution, climate change, transportation, and the legal aspects relating to society's impacts such as Environmental Impact Reports (EIR) and the Environmental Protection Agency (EPA).
Pre-requisite(s): Biology with a grade of C or better
Adopted curricular materials: Investigations in Environmental Science Units 1-3, It's About Time Publishing

Geology 04661

Department: Science **Grade Level:** 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: Yes**

This course provides an introduction to the composition and dynamics of the earth, from the atomic scale of minerals to the global scale of plate tectonics. This course includes the composition, structure, and environmental systems, which have shaped our planet. Attention will focus on how the natural earth processes of volcanism, plutonism, deformation, earthquakes, hydrology, sedimentation, and weathering processes have interacted to shape our world. Many examples will come from our western National Parks and National Monuments. Students will be provided hands-on laboratory experiences using earth minerals, rocks, map interpretation, satellite photos, cross-sections, stereoscope study, data analysis, and landform interpretation. Emphasis will be placed on problem-solving skills with students working in small groups.
Pre-requisite(s): None
Adopted curricular materials: Essentials of Geology, Prentice Hall

IB Biology HL1 — 20043

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This IB course allows students to develop a secure knowledge of a limited body of facts and, at the same time, a broad general understanding of the subject. Students should be able to apply this general understanding as widely as possible, and this ability will be tested in examinations. First year IB Biology will concentrate on Cell Biology, Biochemistry, DNA and Biotechnology, and Genetics and Evolution. Second year IB Biology will concentrate on human physiology, ecology and conservation, and botany. IB Biology HL is a more in-depth study than IB Biology SL.
Adopted curricular materials: Higher Level Biology for the IB Diploma Programme, Pearson

IB Biology HL2 — 20044

Department: Science
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This IB course allows students to develop a secure knowledge of a limited body of facts and, at the same time, a broad general understanding of the subject. Students should be able to apply this general understanding as widely as possible, and this ability will be tested in examinations. First year IB Biology will concentrate on Cell Biology, Biochemistry, DNA and Biotechnology, and Genetics and Evolution. Second year IB Biology will concentrate on human physiology, ecology and conservation, and botany. IB Biology HL is a more in-depth study than IB Biology SL.
Adopted curricular materials: Higher Level Biology for the IB Diploma Programme, Pearson

IB Biology SL1 — 20041

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This IB course allows students to develop a secure knowledge of a limited body of facts and, at the same time, a broad general understanding of the subject. Students should be able to apply this general understanding as widely as possible, and this ability will be tested in examinations. First year IB Biology will concentrate on Cell Biology, Biochemistry, DNA and Biotechnology, and Genetics and Evolution. Second year IB Biology will concentrate on human physiology, ecology and conservation, and botany.
Adopted curricular materials: Standard Level Biology for the IB Diploma Programme, Pearson

IB Biology SL2 — 20042

Department: Science
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

This IB course allows students to develop a secure knowledge of a limited body of facts and, at the same time, a broad general understanding of the subject. Students should be able to apply this general understanding as widely as possible, and this ability will be tested in examinations. First year IB Biology will concentrate on Cell Biology, Biochemistry, DNA and Biotechnology, and Genetics and Evolution. Second year IB Biology will concentrate on human physiology, ecology and conservation, and botany.
Adopted curricular materials: Standard Level Biology for the IB Diploma Program, Pearson

IB Chemistry HL1 — 20047

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

This IB course is designed to facilitate student learning by developing skills and knowledge through inquiry with an emphasis on international collaboration and cooperation. Students will gain knowledge, investigative techniques, and the ability to analyze and synthesize scientific information and will be able to communicate this information to others. These skills incorporate verbal, written, and technological abilities developing students who can effectively communicate scientific information. By applying these skills in a global context, students will develop international mindedness. Students in IB Chemistry will learn how chemistry allows us to design and create substances that improve our standard of living that benefit local and global communities.
Pre-requisite(s): Mathematics III with a grade of C or better or concurrent enrollment or by instructor approval
Adopted curricular materials: Higher Level Chemistry for the IB Diploma Programme, Pearson

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Chemistry HL2 — 20048

Department: Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This IB course is designed to facilitate student learning by developing skills and knowledge through inquiry with an emphasis on international collaboration and cooperation. Students will gain knowledge, investigative techniques, and the ability to analyze and synthesize scientific information and will be able to communicate this information to others. These skills incorporate verbal, written, and technological abilities developing students who can effectively communicate scientific information. By applying these skills in a global context, students will develop international mindedness. Students in IB Chemistry will learn how chemistry allows us to design and create substances that improve our standard of living that benefit local and global communities.
Pre-requisite(s): Mathematics III with a grade of C or better or concurrent enrollment or by instructor approval
Adopted curricular materials: Higher Level Chemistry for the IB Diploma Programme, Pearson

IB Chemistry SL1 — 20045

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This IB course is designed to facilitate student learning by developing skills and knowledge through inquiry with an emphasis on international collaboration and cooperation. Students will gain knowledge, investigative techniques, and the ability to analyze and synthesize scientific information and will be able to communicate this information to others. These skills incorporate verbal, written, and technological abilities developing students who can effectively communicate scientific information. By applying these skills in a global context, students will develop international-mindedness. Students in IB Chemistry will learn how chemistry allows us to design and create substances that improve our standard of living that benefit local and global communities.
Pre-requisite(s): Mathematics III with a grade of C or better or concurrent enrollment or by instructor approval
Adopted curricular materials: Standard Level Chemistry for the IB Diploma Programme, Pearson

IB Chemistry SL2 — 20046

Department: Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This IB course is designed to facilitate student learning by developing skills and knowledge through inquiry with an emphasis on international collaboration and cooperation. Students will gain knowledge, investigative techniques, and the ability to analyze and synthesize scientific information and will be able to communicate this information to others. These skills incorporate verbal, written, and technological abilities developing students who can effectively communicate scientific information. By applying these skills in a global context, students will develop international-mindedness. Students in IB Chemistry will learn how chemistry allows us to design and create substances that improve our standard of living that benefit local and global communities.
Pre-requisite(s): Mathematics III with a grade of C or better or concurrent enrollment or by instructor approval
Adopted curricular materials: Standard Level Chemistry for the IB Diploma Programme, Pearson

Integrated Topics in Science — 04650

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** None | **NCAA: No**

This course is designed for students entering into a non-science career. The focus of this course will be to expand and apply to the world around us; the concepts discussed and learned in Earth Science, Physical Science, and Biology. Topics may include sports science, sound reproduction, seeing inside the body, environmental studies, food processing, as well as others. Activities will be hands-on and laboratory based.
Pre-requisite(s): Biology
Adopted curricular materials: The Sciences - An Integrated Approach, People's Publishing

Laboratory Specialist — 04662

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course provides a first level training. Students will become proficient in recognition and handling of materials in the school science lab and will provide a materials-management service to the teacher. At the highest level of training, the student will learn to manage the operation of the school laboratory and will assist the teacher by tutoring students in laboratory skills. This course is Pass/No Pass. No letter grade is given.
Adopted curricular materials: No textbook assigned

Marine Biology — 04112

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

In this course, students will learn about the different types of organisms that live in the ocean, the types of ecosystems they live in, and the interactions between the organisms and their ecosystems. The course will also cover how human actions, including climate change, affect life in the ocean, and how in turn a changing ocean will impact us. This course may not be repeated for credit.
Pre-Requisite(s): Two years of science coursework, including completion of Biology with a C or better
Adopted Curricular Material: No textbook assigned

Microbiology — 04674

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This course provides structure and function of pathogenic and non-pathogenic microorganisms studied in theory and in practice with an emphasis upon techniques and rationale used in modern laboratories. The interactive television network and visits with cooperating hospitals and local labs will connect students with the community. This course is oriented toward students with an interest in a medical or dental career, with a solid exposure to standard basic practices.
Pre-requisite(s): Biology and completion or concurrent enrollment in Chemistry with a grade of C or better
Adopted curricular materials: Foundations in Microbiology, McGraw-Hill

Natural Disasters and Engineering Strategies — 04638

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** None | **NCAA: No**

This elective course explores the causes and effects of natural disasters and the engineering strategies used to limit the impact of such events. Students will examine the ability, or inability, to control and predict events such as earthquakes, volcanic eruptions, tsunamis, landslides, flooding, wildfires, and severe weather events. Instructional strategies include phenomena-based instruction, collaborative learning, lecture, laboratory investigations, and engineering design challenges.
Adopted curricular materials: None

Physics of the Universe — 04304

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This laboratory course addresses the relationships of physics in the universe. Emphasis is on observing phenomena, gathering and interpreting data, developing models, discovering graphical and mathematical relationships, and engineering and refining solutions to realistic problem scenarios. This course includes units on motion and forces, energy conversions, waves and electromagnetic waves, nuclear processes, and stellar processes.
Co-requisite: Completion of or enrollment in Mathematics I or equivalent
Adopted curricular materials: STEMscopes CA-NGSS-3D, Physics in the Universe, Accelerated Learning, Inc.

Physics of the Universe, Newcomer EL — 04305

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

This laboratory course addresses the relationships of physics in the universe for English learners in a Newcomer Program. Emphasis is on observing phenomena, gathering and interpreting data, developing models, discovering graphical and mathematical relationships, and engineering and refining solutions to realistic problem scenarios. This course integrates ELD standards-based instruction to include a focus on academic vocabulary, expository writing, and expository reading of science texts. (See NGSS Performance Expectations & Disciplinary Core Ideas.) Instructors use a variety of scaffolded instructional techniques focusing on listening, speaking, reading, and writing to address the specific needs of Newcomer English Learners. This course includes units on motion and forces, energy conversions, waves and electromagnetic waves, nuclear processes, and stellar processes.
Pre-Requisite(s): None
Co-Requisite(s): Completion or enrollment in Mathematics I or equivalent AND enrollment in a Newcomer Program

Adopted curricular materials: STEMscopes CA NGSS 3D - HS Physics in the Universe; Accelerate Learning Inc., Copyright 2018

Physiology — 04690

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

This course explores all aspects of the human body in health and disease. This is a laboratory course and areas of study include the nervous system, circulatory system, skeletal system, reproductive system, etc. Laboratory study will include the use and dissection of living and preserved material to help study human anatomy and physiology.
Pre-requisite(s): Biology with a grade of C or better
Adopted curricular materials: Hole's Essentials of Human Anatomy & Physiology, High School Second Edition, McGraw-Hill, Copyright 2021

The Technology of Biology — 04111

Department: Science | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Biological Science (d) | **NCAA: No**

This course introduces the principles of biology through a biotechnological perspective. Biotechnology aims to help improve our lives and the health of our planet by harnessing cellular and biomolecular processes. Students will use an integrated approach to study the principles that govern life while referring to how these applications of biotechnology are attempting to improve life on earth. This course challenges students to evaluate the current problems faced in the 21st Century and to apply their knowledge of foundational biology to propose possible solutions using biotechnological techniques.
Adopted curricular materials: Biotechnology: Science for the New Millennium, Second Edition, Paradigm Publishing, Inc.

Visual/Performing Arts

Animation I — 06070

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to the fundamentals of animation and computer graphics. Students will learn basic concepts, methods and techniques through hands-on experiences and projects directly related to the field of animation and computer graphics. The curriculum is geared toward individuals who wish to use and develop their creative expression skills, in conjunction with professional-level computer software techniques, to create multimedia art. This course is especially for students who are interested in fine art communication, film, drama, computer animation, and/or graphic design. Careers in art and animation will be explored. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: The Encyclopedia of Animation Technology, Running Press

Animation II — 06080

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course offers students the opportunity to implement advanced concepts, methods, and techniques through hands-on experiences and projects directly related to the field of animation. Students will write, create, and produce their own animation short in each of the job fields of computers: traditional and stop motion animation. The curriculum is geared for the advanced student in the field of animation, who wishes to use and develop their creative expression in conjunction with modern technology as it relates to the field of animation. This class will provide an opportunity for the student's work to be viewed by animation studios and colleges. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Animation I
Adopted curricular materials: No textbook assigned

AP Art History — 06065

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In this course, students examine major forms of artistic expression from the past and the present from a variety of cultures. Students learn to look at works of art critically, with intelligence and sensitivity, and to analyze what they see using the formal elements of art and art vocabulary.
Adopted curricular materials: Gardner's Art Through The Ages, 12th Edition, Thomson-Wadsworth

AP Music Theory — 06315

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to develop the students' ability to read and write four-part music and provides ear training for intervals, scales, and chords. Students learn to recognize and use basic components and music including notation, rhythm and meter, melody, scales, key signatures, intervals and triads. Students will practice constructing melodies and writing in four parts. The course includes an introduction to systems of music from a variety of cultures and time periods. This course is an excellent preparation for college-level music theory. Upon completion, students will be eligible to take the AP examination in Music Theory that may qualify for college credit. Students are strongly encouraged to take the AP exam.
Pre-requisite(s): Ability to read music
Adopted curricular materials: Musician's Guide to Theory & Analysis, Third Edition, W.W. Norton

AP Studio Art: 2-D Design — 06050

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course explores a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The variety of art forms will include, but are not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. A variety of approaches of representation, abstraction, and expression will be covered. This course meets the graduation requirement and UC and CSU Visual and Performing Arts requirements.
Prerequisite(s): Art II or Commercial Art/Graphics with a grade of C or better or by instructor approval
Adopted curricular materials: No textbook assigned

AP Studio Art: 3-D Design — 06051

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on a broad interpretation of sculptural issues in depth and space, such as mass, volume, form, plane, light, and texture. Such elements and concepts may be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression will be presented in traditional sculpture, architectural models, apparel, ceramics, three-dimensional fiber arts or metal work, among others.
Pre-requisite(s): Ceramics II or Commercial Art/Graphics with a grade of C or better or by instructor approval
Adopted curricular materials: No textbook assigned

AP Studio Art: Drawing — 06060

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that will be addressed through a variety of means. Works may include painting, printmaking and mixed media, as well as abstract, observational, and inventive works.
Pre-requisite(s): Art II or Commercial Art/Graphics with a grade of C or better or by instructor approval
Adopted curricular materials: No textbook assigned

Art I — 06010

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to the fundamentals of drawing, painting, sculpture, printmaking, art history, art appreciation and aesthetic judgment. Prior experience in art is not necessary to enroll in this course. Projects in the class will emphasize the elements and principles of design and the technical skills of drawing, painting, and sculpture. Student projects may include the use of glass etching, charcoal, ink, pastels, tempera, watercolor, and plaster. Printmaking projects may include linoleum block prints, silk screen painting, and dry point etching.
Adopted curricular materials: Discovering Drawing, Davis Publishing

Art II 06020

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course is designed for students who wish to continue their studies of drawing, painting, art history, and design at a more advanced level. Students are encouraged to register for both Art II A and Art II B. Art II is an extension of the skills and techniques developed in Art I. Projects will require the student to work at a more independent and mature level and will culminate in a portfolio of their work. Students will be encouraged to enter a variety of art contests and shows.
Pre-requisite(s): Art I or instructor approval
Adopted curricular materials: Experience Painting, Davis Publishing

Art II, Honors 06035

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Art II Honors (one-year equivalent, 10 credits)
This course is intended for the advanced art student who intends to prepare and refine a college portfolio. This course allows students to create a portfolio of independently produced work through traditional, graphic design, and digital fine arts practices. It is designed to prepare students for Advanced Placement Studio Art. This course will have an emphasis on advanced knowledge of aesthetics, art criticism, art history, artists, and studio production which will include: advanced skills in mediums explored with personal intent based on a progression of skill, research, and evaluation of artist's works as well as focus on the elements of art and principles of design. Students will engage in class critiques, analyze works of art, and research works of master artists. This class may be repeated for a maximum of 20 credits.
Pre-requisite: Art I or Instructors Approval
Adopted Curricular: No textbook assigned

Art III 06030

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course is designed for the advanced art student. Emphasis will be on watercolor acrylic, gouache, oil painting, and airbrush. Students will learn to use drawing and painting techniques to organize and depict ideas, feelings, and moods. Also covered in this course may be advanced print making techniques including multicolored silk screening. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Art II or instructor approval
Adopted curricular materials: Exploring Painting, Davis

Arts Internship 06009

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Work-based learning opportunities are essential for students in the Visual, Media, and Performing Arts. This flexible course allows students to complete an internship in the Arts (dance, media arts, music, theater, and/or visual arts) on campus related to their Arts discipline of interest through several projects and tasks. Students will maintain a portfolio documenting their growth and work on key internship projects. This course may be repeated for a maximum of 20 credits.
Pre-Requisite(s): 1-year high school VAPA course or equivalent private study and then teacher approval.
Adopted Curricular Material: No textbook assigned.

Band, Advanced — 06325

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for the most advanced instrumental students to participate in an instrumental ensemble. Students study advanced music literature through concert band methods and sheet music composed for Advanced Band. Students will explore the role of the performing arts in culture and human history. Instruments include all of the varieties found within the brass, woodwind, and percussion instrument families, along with harp and double bass. This course may be repeated for a maximum of 30 credits.
Pre-Requisite(s): The ability to play a band instrument and recommendation by or audition with the current band director.
Co-Requisite(s): Concurrent enrollment in Advanced Band Mini if directed by the site.
Adopted curricular material: No textbook assigned

Band, Advanced Honors — 06327

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Band, Advanced, Honors (Visual and Performing Arts, Grades 10-12) (one-year equivalent course, 10 credits) This course focuses on increased rigor of the Band, Advanced course based on additional solo and ensemble work, honor bands auditions, research and writing assignments, and in-depth performance critiques, students may elect this academic challenge via application and/or audition. This course may be repeated for a maximum of 30 credits.
Pre-Requisite(s): The ability to play a band instrument and recommendation by or audition with the current band director.
Co-Requisite(s): Concurrent enrollment in Advanced Band Mini if directed by site.
Adopted Curricular Material: No textbook assigned.

Band, Beginning — 06320

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for students to participate in an instrumental ensemble. Students study music literature through band methods and sheet music composed for Beginning Concert Band. Students explore the role of the performing arts in culture and human history. Instruments include all of the varieties found within the brass, woodwind and percussion families.
Adopted curricular materials: No textbook assigned

Band, Intermediate — 06321

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for students to participate in an instrumental ensemble. Students study advanced music literature through band methods and sheet music composed for Intermediate Concert Band. Students will explore the role of the performing arts in culture and human history. Instruments include all of the varieties found within the brass, woodwind and percussion families. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Ability to play a band instrument and recommendation by current music teacher or audition with the band director
Adopted curricular materials: No textbook assigned

Band, Intermediate, Honors — 06326

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on increased rigor of the Band, Intermediate course based on additional solo and ensemble work, honor bands auditions, research and writing assignments, and in-depth performance critiques, students may elect this academic challenge via application and/or audition. This course may be repeated for a maximum of 30 credits.
Pre-Requisite(s): The ability to play a band instrument and recommendation by or audition with the current band director.
Co-Requisite(s): Concurrent enrollment in Intermediate Band Mini if directed by site.
Adopted curricular material: No textbook assigned.

Band, Intro to Marching/Concert — 06322

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for students to participate in a performing ensemble. It is the first course for students enrolling in Marching/Concert Band. Students study music in literature, compose for concert band and marching band, and display their efforts in public recitals. Students will explore the role of the performing arts in culture and human history. 25 hours of Community Service awarded at Laguna Creek High School.
Pre-requisite(s): Ability to play a band instrument and recommendation by current music teacher or audition with the band director
Adopted curricular materials: No textbook assigned

Band, Introduction to Jazz — 06330

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course must be taken concurrently with Introduction to Marching/Concert Band (exceptions are instruments not used in the marching/concert band such as electric bass, guitar, and piano). Introduction to Jazz Band is designed to introduce students to participate in a performing jazz ensemble. It is the first course for students enrolling in Jazz Band. This is a performing group that will stress jazz and rock styles, jazz articulations and phrasing. Improvisations will be explored. Performances will include both concerts and jazz festivals. Students will explore the role of jazz in culture and human history.
Pre-requisite(s): Ability to play a band instrument and recommendation by current music teacher or audition with the school band director
Adopted curricular materials: No textbook assigned

Band, Jazz — 06331

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed as a performing group that will stress jazz and rock styles, jazz articulations, and phrasing and must be taken concurrently with Marching/Concert Band (exceptions are instruments not used in the marching/concert band such as electric bass, guitar, and piano). Improvisations will be explored. Performances will include both concerts and jazz festivals. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Ability to play a band instrument and recommendation by current music teacher or audition with the school band director and Introduction to Jazz Band
Adopted curricular materials: No textbook assigned

Band, Marching Auxiliaries — 06324

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course focuses on Band Auxiliary groups including, when applicable, Drill Team, Majorettes, Banner Carriers, Shield Bearers, Color Guard, and Flag Team. All students will be expected to stay for practices before and after school and participate in all extra-curricular activities. Each student is expected to dress appropriately and participate on a daily basis. This course may be repeated for a maximum of 40 credits.
Adopted curricular materials: No textbook assigned

Band, Marching/Concert — 06323

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course allows students to participate in a performing band, which will be playing music of a high technical level, and will perform at numerous concerts, parades, and field competitions. This group will function as a marching band and as a concert band. This course may be repeated for a maximum of 40 credits. 25 Community Service hours awarded at Laguna Creek High School.
Pre-requisite(s): Ability to play a band instrument and recommendation by current music teacher or audition with the band director, and Introduction to Marching/Concert Band
Adopted curricular materials: No textbook assigned

Beginning Band Mini — 06806

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in Beginning Band to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 5 credits.
Pre-Requisite: 1-2 years' experience on instrument and audition with instructor.
Co-Requisite: Concurrent enrollment in Beginning Band required.
Adopted curricular materials: None

Ceramics I — 06110

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to the fundamental methods of working with clay including hand building techniques, use of the potter's wheel, glaze application, and firing techniques. This is an introductory class in the basic skills and processes of ceramics. The role of ceramics in art history and the work of contemporary artists will be included in the course study.
Adopted curricular materials: Experience Clay, Second Edition, Davis Publishing

Ceramics II — 06120

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course emphasizes advanced work on the potter's wheel, advanced hand-building techniques, advanced glaze, and decoration techniques. This is an intermediate course in Ceramics, continuing the skills and techniques developed in Ceramics I. Students will be introduced to glaze formulation and the loading and unloading of kilns. Art history as it relates to ceramics will be included in the course of study. Students will be encouraged to enter a variety of contests and shows.
Pre-requisite(s): Ceramics I with a grade of C or better or by instructor approval
Adopted curricular materials: Beginning Sculpture, Davis Publishing

Ceramics II, Honors — 06150

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This advanced ceramics course includes aesthetics, art criticism, art history, and studio production. Students complete up to 12 theme-based projects showing progression of style and artistic influence through research and evaluation of artist's works. Students will focus on craftsmanship, skills, techniques, and originality. Included in the course of study are the work of contemporary ceramic artists, ceramic cultural art history, written research through critical analysis, and reports of a particular genre, style, or historical periods, which will be used to give direction to mastery level work. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-Requisite: Ceramics I

Adopted curricular materials: The Visual Experience, 3rd Edition, Davis Publications

Ceramics III — 06130

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on extensive study in production pottery and advanced decoration, along with intensive study in glaze formulation and kiln construction. Students choosing this course should enroll for both fall and spring semesters. Students will study art history as it relates to ceramics. The class includes the process of Raku. Some homework will be required, but the class will be project oriented.
Pre-requisite(s): Ceramics II with a grade of C or better or by instructor approval
Adopted curricular materials: Clayworks, Form & Idea in Ceramic Design, Davis

Ceramics IV — 06140

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on individual multi-product study and contemporary ceramic art. This course provides an in-depth study on theory and philosophy of ceramic development as it relates to each student's own work. Students choosing this course should enroll for both fall and spring semesters. The class provides Individual studio production for students who have completed Ceramics I, II, and III. Students will organize and promote gallery sales. Some homework will be required, but the project will be class oriented. This course may be repeated for a maximum of 20 credits. This course meets the UC elective (g) requirement.
Pre-requisite(s): Ceramics III with a grade of C or better or by instructor approval
Adopted curricular materials: The Craft and Art of Clay, Prentice Hall

Chamber Orchestra — 06340

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course emphasizes the study of appropriate orchestra literature from all periods of music. Objectives include the continuation of the development of correct playing habits, sight-reading, intonation, and phrasing. Public performances are expected. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Audition with instructor. Ability to play a string instrument (violin, viola, cello, bass). Student must be able to supply his/her own instrument.
Adopted curricular materials: No textbook assigned

Chamber Orchestra Mini — 06809

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in Chamber Orchestra to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-Requisite: Ability to play an orchestral string instrument or classical piano and audition with instructor.
Co-Requisite: Concurrent enrollment in Chamber Orchestra required.
Adopted curricular materials: None

Chamber Orchestra, Honors — 06341

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Chamber Orchestra, Honors (Visual and Performing Arts, Grades 10-12) (one-year equivalent course, 10 credits) This course focuses on increased rigor of the Chamber Orchestra course based on additional solo and ensemble work, honor orchestra auditions, research and writing assignments, and in-depth performance critiques, students may elect this academic challenge via application and/or audition. This course may be repeated for a maximum of 30 credits.

Pre-Requisite(s): The ability to play a band instrument and recommendation by or audition with the current band director.
Co-Requisite(s): Concurrent enrollment in Chamber Orchestra Mini if directed by site.
Adopted curricular material: No textbook assigned.

Choir, Concert — 06351

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed as an ensemble consisting of students performing choral music of a high technical and musical level, in a variety of musical styles. Students practice vocal techniques including tone production, posture, breathing, and ensemble blending. Listening skills for musicianship are developed. Basic skills of reading music and singing music at sight are stressed. Performance participation required. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Introduction to Concert Choir
Adopted curricular materials: No textbook assigned

Choir, Treble — 06352

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to introduce and develop the experience of learning and performing choral music. It is the first course for students enrolling in Treble Choir. Emphasis is placed on learning, rehearsing and performing quality choral music in a variety of musical styles. Students practice vocal techniques including tone production, posture, breathing, and ensemble blending. Listening skills for musicianship are developed. The skills of reading music and singing music at sight are stressed. Performance participation is required. This course may be repeated for a maximum of 40 credits.
Adopted curricular materials: No textbook assigned

Computers and Graphic Design — 06613

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to introduce basic computer use and operation, as well as the elements and principles of design. Students will have the opportunity to work with computers and a variety of software such as Adobe Photoshop, Illustrator, and PageMaker. Emphasis will be on creativity, originality, technique, meeting the needs of the client, and task completion. Students will also be introduced to design terminology, the history of design, as well as the development of aesthetic judgment. Careers in this field will also be explored in this class and students will be encouraged to meet the graphic arts needs of the campus by creating posters, signs, publication design and other arts services as requested. This course meets the UC elective requirement.
Adopted curricular materials: Graphic Design Solutions, Thomson/Delmar

Computers and Graphic Design II — 06614

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed to build upon the skills and techniques learned in Computer and Graphic Design. Students will learn advanced tool skills in Adobe's Creative Suite (Photoshop, Illustrator, InDesign) and Macromedia Flash. These skills will be applied to advanced personal and community projects. Students will have opportunities to work with real clients and explore careers in the field. Emphasis will be on expanding creative thinking as a valuable tool for visual problem solving and applying those skills in the marketplace. A professional attitude is required. Design process, terminology, history, and aesthetics will continue to be a focus.
Pre-requisite(s): C or better in Digital Art and Graphic Design
Adopted curricular materials: No textbook assigned

Concert Choir, Introduction to — 06350

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to introduce students to the world of choral music. It is the first course for students enrolling in Concert Choir. Emphasis is placed on learning, rehearsing and performing quality choral music in a variety of musical styles. Students practice vocal techniques including tone production, posture, breathing, and ensemble blending. Listening skills for musicianship are developed. Basic skills of reading music and singing music at sight are stressed. Performance participation is required.
Adopted curricular materials: No textbook assigned

Dance Company, Apprentice — 06475

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers students an opportunity to participate in an advanced dance ensemble. Students will develop advanced audition skills, choreography techniques, and standards for dance production and management. Students will create and rehearse advanced classical and contemporary dance projects for public performance in the community. Students will explore dance history and culture, injury prevention, and the role of the performing arts as a global industry. Students will develop advanced skills necessary to pursue various careers in dance. This course may be repeated for a maximum of 40 credits.
Pre-requisite: Application and audition with director
Adopted Curricular Materials: No textbook assigned

Dance Company, Apprentice Honors — 06476

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers students an opportunity to participate in an advanced dance ensemble with increased rigor and expectations. Students will develop advanced audition skills, choreography techniques, and standards for dance production and management with additional solo and ensemble work, honor apprentice auditions, research and writing assignments, and in-depth performance critiques. Students will create and rehearse advanced classical and contemporary dance projects for public performance in the community. Students will explore dance history and culture, injury prevention, and the role of the performing arts as a global industry. Students will develop advanced skills necessary to pursue various careers in dance. This course may be repeated for a maximum of 40 credits.
Pre-requisite: Application and audition with director
Adopted Curricular Materials: No textbook assigned

Dance Company, Introduction to — 06474

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers an introduction to participating in a dance ensemble. Students will be introduced to the audition process, choreography techniques, and standards for dance production and management. Students will create and rehearse introductory classical and contemporary dance projects for public performance in the community. Students will explore dance history and culture, injury prevention, and the role of the performing arts as a global industry. Students will develop foundational skills necessary to pursue various careers in dance.
Pre-requisite: Application and audition with director
Adopted Curricular Materials: No textbook assigned

Dance Company, Principal — 06477

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers students an opportunity to participate in a pre-professional dance ensemble. Students will develop pre-professional audition skills, choreography techniques, and standards for dance production and management. Students will create and rehearse pre-professional classical and contemporary dance projects for public performance in the community. Students will explore dance history and culture, injury prevention, and the role of the performing arts as a global industry. Students will develop the pre-professional skills necessary to pursue various careers in dance. This course may be repeated for a maximum of 40 credits.
Pre-requisite: Application and audition with director
Adopted Curricular Materials: No textbook assigned

Dance Company, Principal Honors — 06478

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers students an opportunity to participate in a pre-professional dance ensemble with increased rigor and expectations. Students will develop pre-professional audition skills, choreography techniques, and standards for dance production and management with additional solo and ensemble work, honor principal auditions, research and writing assignments, and in-depth performance critiques. Students will create and rehearse pre-professional classical and contemporary dance projects for public performance in the community. Students will explore dance history and culture, injury prevention, and the role of the performing arts as a global industry. Students will develop the pre-professional skills necessary to pursue various careers in dance. This course may be repeated for a maximum of 40 credits.
Pre-requisite: Application and audition with director
Adopted Curricular Materials: No textbook assigned

Dance Composition & Performance I — 06461

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for the student/dancer to become a part of a performing troupe. Rhythmycal Maddness: Elk Grove High School; Master Peace: Florin High School; Infinite Motion: Franklin High School; Fusion Dance Company: Laguna Creek High School; Impulse: Monterey Trail High School; Soul Purpose: Pleasant Grove High School and Universal Rhythm: Sheldon High School. Level I is an introductory level experience in the creative process of dance choreography. Students will participate in student choreography, and be introduced to the many facets of production. All students will participate in all aspects of the main stage production, recitals, and lecture demonstration performance.
Pre-requisite(s): Jazz Dance I and successful audition
Adopted curricular materials: Dance Composition, Human Kinetics

Dance Composition & Performance II — 06462

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to provide students with an intermediate level experience in the creative process of dance choreography. Students will participate in group choreography projects utilizing the creative process of dance as well as historical and social contribution. Students will be actively involved in all production facets of main stage through committee work chairs, student directors and producers. All students will participate in the performance and production components of a main stage production. Recital and lecture demonstration performances are also required.
Pre-requisite(s): Dance Composition and Performance I and audition
Adopted curricular materials: Dance- the Art of Production, Princeton

Dance Composition & Performance III — 06463

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to provide students with an advanced level experience in the creative process of dance choreography. All third year students will be required to choreograph and set a major piece of choreography. They are required to take on leadership roles as student directors/producers or committee chairs. All third year students need to incorporate a mentoring component in some capacity, which can also serve as community service. Students will take on leadership roles for the production components of main stage and are required to perform in the main stage production, recitals, and lecture demonstration performances.
Pre-requisite(s): Dance Composition and Performance II and audition
Adopted curricular materials: No textbook assigned

Dance Composition & Performance IV — 06464

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on advance level proficiency in the creative process of dance choreography. Individual choreography requirements. Teaching experiences provided in class, off campus enrichment classes to feeder schools, mentors to new company members. Oversee all aspects of production as assistant directors to the main stage production and lecture demonstration performances or committee chairmen for production committees. Internships with community college dance companies will be provided.
Pre-requisite(s): Dance Composition and Performance III and an audition
Adopted curricular materials: No textbook assigned

Dance I, Beginning — 06465

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course offers students beginning dance technique and choreography. Students will be introduced to various dance styles, including ballet and modern dance, jazz and tap dance, social and cultural dance, and contemporary and hip-hop dance. Students will gain an appreciation for dance as an art form and develop foundational skills necessary to pursue a variety of careers in dance. This course includes the application of the choreographic elements and principles, the study of history and evolution of dance, and an exploration of dance from a careers perspective.
Adopted curricular materials: Discovering Dance, Human Kinetics

Dance II, Intermediate — 06466

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course offers students intermediate dance technique and choreography. Students develop intermediate dance skills, including ballet and modern dance, jazz and tap dance, social and cultural dance, and contemporary and hip-hop dance. Students will gain a deeper connection to dance as an art form and develop intermediate skills necessary to pursue a variety of careers in dance. Students will be introduced to production elements such as staging, lighting and sound, and company organization and management in professional dance careers. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Successful completion of a beginning-level dance course and/or audition
Adopted curricular materials: Experiencing Dance: From Student to Dance Artist, Second Edition, Human Kinetics

Dance III, Advanced — 06468

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course provides advanced dance technique and choreography skills to create project-based performances for live, film, and video production. Students will develop advanced dance skills of various dance styles, including ballet and modern dance, jazz and tap dance, social and cultural dance, and contemporary and hip-hop dance. Students will reflect upon their dance studies and establish their own voice within the world of dance. Students will prepare audition or choreographic portfolios, learn business/managerial skills, and develop a professional career plan. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Successful completion of an intermediate-level dance course and audition
Adopted curricular materials: Dance Production and Management, Princeton Book Company, Publishers

Digital Cinematography — 06615

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course introduces students to digital video editing and movie making. This is a hands-on course. Students will create stories on digital media-utilizing iMovie, Adobe Premiere and QuickTime. These applications have vast capabilities, allowing students to edit and assemble video clips in order to create stories on digital media. Students will gain practical experience in all aspects of film making: analyzing and writing film and product critiques, analyzing and critiquing movies, film making, camera and editing techniques, screen writing, directing, and story boarding. Familiarity with keyboarding is recommended. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Any Visual and Performing Arts course with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

Digital Photography I — 06603

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course explores the history of traditional and digital photography, composition, elements of art, principles of design, cameras, computer software such as Adobe Photoshop, visualization of imagery, creative options, secrets of scanning, basic darkroom type techniques, subject treatment, and the publishing of images. This is a basic course in the art of digital photography. Students will be introduced to terminology as well as development of aesthetic judgment.
Adopted curricular materials: No textbook assigned

Drama Production I and II/Stagecraft — 06440

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on the production aspect of plays. Students will analyze plays to determine appropriate set design, costuming, lighting and make-up. Activities included will be designing, constructing, and painting backdrops and stage sets. Tests will be given and students will be expected to complete individual projects. This course may be repeated for a maximum of 30 credits.
Adopted curricular materials: Play Productions Today or Theatrical Design & Production, McGraw-Hill

Drill Team — 06460

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed as a performance group that displays precision drill and dance routines at rallies, parades, competitions, football and basketball games. Students will be expected to stay for after-school practices and participate in Saturday and holiday parades, Friday rallies, home games, and fund raising projects. Each student is expected to dress, participate every day and be on time to class.
Pre-requisite(s): Student must try-out in the spring semester and be selected by judges
Adopted curricular materials: No textbook assigned

Drumming — 06312

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course is offered as a one or two-semester course open to any interested students. The focus of the curriculum is basic drumming rudiments and rhythm reading through modern and traditional hand drumming techniques. Members of this class will prepare and perform programs for presentation to the school community as well as accompany the various dance classes for special performances. This course may be repeated for a maximum of 10 credits.
Adopted curricular materials: No textbook assigned

Film History — 06604

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course provides a critical study of the intrinsic aesthetic dimensions of film and viewing and analysis of a representative selection of highly regarded works. The course will emphasize an understanding of the conventions and techniques of the film, trace the history and development of film, and explore and critically analyze the films of the past to the present.
Adopted curricular materials: No textbook assigned

Foundations in Music and Music Technology — 06316

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers a survey of various styles and production of music. It will review musical elements, instrumentation, music history, music production, music technology, and world music. Historical Periods covered are the Middle Ages, Renaissance, Baroque, Classical, Romantic, and 20th Century. This class will include listening, understanding, and creating music.
Pre-Requisite(s): None

Adopted curricular materials: Soundtrap (a digital resource)

Guitar Workshop I — 06310

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on beginning and intermediate acoustic guitar. Students will work individually or in small groups. Emphasis will be placed on chords, finger patterns, and reading music. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: Guitar School: Method Book 1, Alfred's

Guitar Workshop II — 06311

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course focuses on beginning and intermediate acoustic guitar. Students will work individually or in small groups. Emphasis will be placed on chords, finger patterns, and reading music. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: Guitar School: Method Book 1, Alfred's

Hip Hop Dance — 06467

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course offers students intermediate dance technique and choreography with an emphasis on hip-hop industry movement. Students develop intermediate dance skills of the various hip-hop movement styles, including breaking, popping, locking, jazz funk, groove, house, and old school. Students will gain a deeper connection to dance as an art form and develop intermediate skills necessary to pursue a variety of careers in dance. Students will be introduced to production elements such as staging, lighting and sound, and company organization and management in professional dance careers. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Successful completion of a beginning-level dance course and/or audition
Adopted curricular materials: Experiencing Dance: From Student to Dance Artist, Second Edition, Human Kinetics

IB Art HL1 — 20067

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to study and gain an understanding of art in various cultures throughout history. Students will learn to question the who, what, when, where, and why of an art piece. This will allow them to recognize and appreciate artworks from cultures past and present. Class projects will incorporate application of various media, techniques, and processes helping students to link the connections between the visual arts and other disciplines. The course falls in two parts: Studio Work (practical) and Investigation Workbook (theoretical). IB Art HL is a more in-depth study than IB Art SL.
Adopted curricular materials: No textbook assigned

IB Art HL2 — 20068

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to study and gain an understanding of art in various cultures throughout history. Students will learn to question the who, what, when, where, and why of an art piece. This will allow them to recognize and appreciate artworks from cultures past and present. Class projects will incorporate application of various media, techniques, and processes helping students to link the connections between the visual arts and other disciplines. The course falls in two parts: Studio Work (practical) and Investigation Workbook (theoretical). IB Art HL is a more in-depth study than IB Art SL.
Adopted curricular materials: No textbook assigned

IB Art SL1 — 20065

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to study and gain an understanding of art in various cultures throughout history. Students will learn to question the who, what, when, where, and why of an art piece. This will allow them to recognize and appreciate artworks from cultures past and present. Class projects will incorporate application of various media, techniques, and processes helping students to link the connections between the visual arts and other disciplines. The course falls in two parts: Studio Work (practical) and Investigation Workbook (theoretical). With the permission of the instructor and administration, a student may complete IB Art SL course in one-year and take the Standard Level (SL) exam in May.
Adopted curricular materials: No textbook assigned

IB Art SL2 — 20066

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to study and gain an understanding of art in various cultures throughout history. Students will learn to question the who, what, when, where, and why of an art piece. This will allow them to recognize and appreciate artworks from cultures past and present. Class projects will incorporate application of various media, techniques, and processes helping students to link the connections between the visual arts and other disciplines. The course falls in two parts: Studio Work (practical) and Investigation Workbook (theoretical). With the permission of the instructor and administration, a student may complete IB Art SL course in one-year and take the Standard Level (SL) exam in May.
Adopted curricular materials: No textbook assigned

IB Dance HL1 — 20071

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course provides a unique medium for learning about the self and the world. It is one essential component of artistic, aesthetic, and cultural education and develops creative potential through physical expression. In dance, the integration of body, mind, and spirit helps participants learn skills that are transferrable to other disciplines and to their daily lives. Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance and embraces a variety of dance traditions and dance cultures--past, present, and looking towards the future. Performance, creative, and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, teachers, business owners, or more broadly, those who seek life enrichment through dance.
Adopted curricular materials: No textbook assigned

IB Dance HL2 — 20072

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course provides a unique medium for learning about the self and the world. It is one essential component of artistic, aesthetic, and cultural education and develops creative potential through physical expression. In dance, the integration of body, mind, and spirit helps participants learn skills that are transferrable to other disciplines and to their daily lives. Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance and embraces a variety of dance traditions and dance cultures--past, present, and looking towards the future. Performance, creative, and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, teachers, business owners, or more broadly, those who seek life enrichment through dance.
Adopted curricular materials: No textbook assigned

IB Dance SL1 — 20069

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course provides a unique medium for learning about the self and the world. It is one essential component of artistic, aesthetic, and cultural education and develops creative potential through physical expression. In dance, the integration of body, mind, and spirit helps participants learn skills that are transferrable to other disciplines and to their daily lives. Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance and embraces a variety of dance traditions and dance cultures--past, present, and looking towards the future. Performance, creative, and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, teachers, business owners, or more broadly, those who seek life enrichment through dance.
Adopted curricular materials: No textbook assigned

IB Dance SL2 — 20070

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course provides a unique medium for learning about the self and the world. It is one essential component of artistic, aesthetic, and cultural education and develops creative potential through physical expression. In dance, the integration of body, mind, and spirit helps participants learn skills that are transferrable to other disciplines and to their daily lives. Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance and embraces a variety of dance traditions and dance cultures--past, present, and looking towards the future. Performance, creative, and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, teachers, business owners, or more broadly, those who seek life enrichment through dance.
Adopted curricular materials: No textbook assigned

IB Music HL1 — 20063

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities, and understanding through performance and composition. Students will be expected to demonstrate their understanding of music by performing, by using appropriate musical language and terminology in analyzing musical works from many and varied cultures and periods, and by exploring music through music theory, sight singing, composition, history, and cultural context. Students are expected to complete the 1B music and/or the AP music theory exam in May. 1B Music HL is a more in-depth study than 1B Music SL.
Pre-requisite(s): Introductory instruction in music, through private study or prior band, orchestra, or choral experience
Co-Requisite: Enrollment in advanced performance ensemble at LCHS (Vocal Ensemble, Symphonic Band, alternatives at the discretion of the IE instructor)
Adopted curricular materials: Tonal Harmony, McGraw-Hill

IB Music HL2 — 20064

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities, and understanding through performance and composition. Students will be expected to demonstrate their understanding of music by performing, by using appropriate musical language and terminology in analyzing musical works from many and varied cultures and periods, and by exploring music through music theory, sight singing, composition, history, and cultural context. Students are expected to complete the 1B music and/or the AP music theory exam in May. 1B Music HL is a more in-depth study than 1B Music SL.
Pre-requisite(s): Introductory instruction in music, through private study or prior band, orchestra, or choral experience
Co-Requisite: Enrollment in advanced performance ensemble at LCHS (Vocal Ensemble, Symphonic Band, alternatives at the discretion of the IE instructor)
Adopted curricular materials: Tonal Harmony, McGraw-Hill

IB Music SL1 — 20061

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities, and understanding through performance and composition. Students will be expected to demonstrate their understanding of music by performing, using appropriate musical language and terminology in analyzing musical works from many and varied cultures and periods, and exploring music through music theory, sight singing, composition, history, and cultural context. Students are expected to complete the Music SL 1B music exam in May. With the permission of the instructor, a student may complete IB Music SL course in one-year and take the Standard Level (SL) exam in May.
Pre-requisite(s): Enrollment in Advanced Performance Ensemble (Vocal Ensemble, Symphonic Band, alternatives at the discretion of the IB instructor)
Adopted curricular materials: Tonal Harmony, McGraw-Hill

IB Music SL2 — 20062

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This IB course is designed to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities, and understanding through performance and composition. Students will be expected to demonstrate their understanding of music by performing, using appropriate musical language and terminology in analyzing musical works from many and varied cultures and periods, and exploring music through music theory, sight singing, composition, history, and cultural context. Students are expected to complete the Music SL 1B music exam in May. With the permission of the instructor, a student may complete IB Music SL course in one-year and take the Standard Level (SL) exam in May.
Pre-requisite(s): Enrollment in Advanced Performance Ensemble (Vocal Ensemble, Symphonic Band, alternatives at the discretion of the IB instructor)
Adopted curricular materials: Tonal Harmony, McGraw-Hill

Intermediate Band Mini — 06800

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in the Intermediate Band course to continue rehearsal practices and maintain the integrity of the program throughout the full school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): 1-2 years' experience on instrument and audition with the band director
Co-Requisite: Current enrollment in Intermediate Band
Adopted curricular materials: No textbook assigned

Introduction to Hip Hop Dance — 06469

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers an introduction to hip-hop industry movement, technique, and choreography. Students develop beginning-level dance skills in various hip-hop movement styles including, but not limited to, breaking, jazz funk, groove, house, locking, old school, and popping. Students will gain an appreciation for hip-hop dance as an art form and develop foundational skills necessary to pursue a variety of careers in dance. This course includes the study of the history and evolution of hip-hop dance and the application of choreographic principles and elements. This course is intended for students who have not taken a dance class and/or are new to the genre of hip-hop. This course may be repeated for a maximum of 10 credits.
Pre-Requisite(s): None
Adopted Curricular: Discovering Dance

Introduction to Jazz Band Mini — 06807

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in Introduction to Jazz Band to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 5 credits.
Pre-Requisite: 1-2 years' experience on instrument and audition with instructor.
Co-Requisite: Concurrent enrollment in Introduction to Jazz Band required.
Adopted curricular materials: None

Introduction to Marching/Concert Band Mini — 06801

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in the Introduction to Marching/Concert Band course to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Ability to play a band instrument and audition with the band director
Co-Requisite: Current enrollment in Introduction to Marching/Concert Band
Adopted curricular materials: No textbook assigned

Jazz Band Mini — 06808

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in Jazz Band to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-Requisite: 1-3 years' experience on instrument and audition with instructor.
Co-Requisite: Concurrent enrollment in Jazz Band required.
Adopted curricular materials: None

Jazz Dance I — 06471

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces jazz dance history and technique. Students will gain knowledge in dance terminology and basic jazz dance styles. It will give students the opportunity to enhance their technical skills, learn and engage in historical contributions to jazz dance, its styles and evolution as well as opportunities for group choreography and performance.
Adopted curricular materials: Discovering Dance, Human Kinetics

Jazz Dance II — 06472

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course emphasizes intermediate to advanced skill development through studies on the historical evolution of Jazz Dance in America: Late 1800's through current trends. A performance opportunity will be provided and is required for all students. Students will be provided with the opportunity for group choreography and studies.
Pre-requisite(s): Jazz Dance I or instructor approval
Adopted curricular materials: Experiencing Dance, Human Kinetics

Jazz Dance III — 06473

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for those students who have completed Jazz Dance II. It will consist of a more detailed study of jazz dance steps, styles, and choreography with an emphasis on stage presence. Students will complete in-depth studies on specific dance techniques (Horton, Dunham, Graham, and Giordano) and their contributions to the art of Jazz Dance. Students will perform student choreography in full costume. Students will be required to perform in the term recital.
Pre-requisite(s): Jazz Dance II with a grade of C or better or instructor approval
Adopted curricular materials: No textbook assigned

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Marching/Concert Band Mini — 06802

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in the Marching/Concert Band course to continue rehearsal practices and maintain the integrity of the program throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper music fundamentals and techniques. Skills in reading music and overall musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Ability to play a band instrument and audition with the band director
Co-Requisite: Current enrollment in Marching/Concert Band
Adopted curricular materials: No textbook assigned

Mixed Media — 06605

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to drawing and painting medias, as well as more industrial materials, allowing students to do a variety of hands-on activities using a variety of materials. Activities may involve the use of two and three-dimensional art. Student projects will involve the elements and principles of design. The four components of art including: artistic perception, creative expression, historical and cultural context, and aesthetic valuing will be also applied to class work. This course may be repeated for a maximum of 10 credits.
Adopted curricular materials: No textbook assigned

Music Appreciation — 06314

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course offers a survey of various styles of music. It is a study of the musical elements, instrumentation, form, and the unique sounds that make music what it is today. Historical periods covered are the Renaissance, Baroque, Classical, Romantic, and 20th Century. Jazz, rock, and other contemporary forms of music will also be explored. The class will include listening, analyzing and understanding music.
Adopted curricular materials: Enjoyment of Music, W.W. Norton

Photography I — 06210

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course provides an outline of the history of photography, the basic design elements, cameras; pinhole, simple, and single lens reflex, film types, processing of black and white film, composition, projection and contact printing types of photography; portrait, action, close-up and still life, use of lithographic films for graphic arts, finishing prints for exhibition, and subject treatment. It will cover a variety of lab techniques and safe chemical handling practices.
Adopted curricular materials: Focus on Photography, 2nd Edition, Davis Publishing

Photography II 06220

Department: Visual/Performing Arts **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

This course is designed to improve on previously learned skills in composing and shooting, developing and printing, mounting and preparing for exhibition. Photography II continues development of skills learned in Photography I. They will study new lab techniques and apply them. They will learn to use a variety of lenses such as micro, zoom and telephoto. Students will study past and present photographers and their contributions to the art of photography. They will learn and apply such techniques as texture screens, combination printing, polarizations, high contrast printing, toning, hand coloring vignetting, and motion control. Students will be encouraged to enter a variety of contests and shows. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Photography I with a grade of C or better or instructor approval
Adopted curricular materials: Photography, 12th Edition, Pearson

Photography II Honors 06225

Department: Visual/Performing Arts **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

This course is intended for the advanced photography student who wishes to create a portfolio of independently-produced work through traditional and digital practices. This course is especially suited for students wishing to pursue AP Studio Art: 2-D Design with a photography emphasis. This course will include aesthetics, art criticism, art history, and studio production. Students complete process-based work showing a progression of style and artistic influence through research and evaluation of artists' works as well as a focus on elements and principles of design. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-Requisite: Photography I

Adopted curricular materials: Photography, 12th Edition, Pearson Education, Inc.

Photography III 06230

Department: Visual/Performing Arts **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

This course focuses on continued development of skills and techniques learned in Photography I and II. Personal development of style and versatility of medium will be stressed. All students will prepare a portfolio of 10 exhibition finished prints in duplicate each semester. Students will study in-depth historically important American photographers and their work and apply some of their techniques to their own work.
Pre-requisite(s): Photography I and II with a grade of C or better and instructor approval
Adopted curricular materials: No textbook assigned

Photography IV 06240

Department: Visual/Performing Arts **Grade Level:** 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

This course offers students the opportunity to work with a variety of films, push films, experiment with new techniques, obtain photojournalism and art jobs in the community and on campus. They will continue to improve their skills in Fine Arts Photography with composition skills and personal expression stressed. Students will concentrate on preparing a portfolio of professionally finished prints for possible submission for advanced credit and for exhibition and competition. Homework is required.
Pre-requisite(s): Photography I, II, and III with a grade of C or better and instructor approval (bring portfolio when requesting instructor approval)
Adopted curricular materials: No textbook assigned

Piano Lab — 06313

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to teach basic note and rhythm reading for a piano keyboard. Students will work individually on their playing skills. The course will include units on music theory and history. Skills taught are transferable to other music classes. This course may be repeated for a maximum of 20 credits.
Adopted curricular materials: Alfred's Basic Adult Piano: Lesson 1

Piano Survey — 06804

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This short course is designed to teach basic note and rhythm reading for the piano keyboard. Skills taught are transferable to other music classes. Students will work individually on their playing skills and also be required to share their knowledge with an audience in a classroom recital. Skills in reading music and musicianship will be further developed. This course does not meet the VAPA graduation requirement.
Adopted curricular materials: Alfred's Basic Adult Piano: Lesson 1

Stained Glass — 06606

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course introduces students to basic and advanced stained glass techniques. In the basic course, students learn to create projects using both the copper foil and the leaded glass methods. Projects can range from simple stained glass panels to elaborate leaded works. In the advanced section, students learn to create large panels that are structurally secure. In both sections, students will be given an overview of the history of stained glass art from the 11th century until the American art glass movement of the early 20th century. This course may be repeated for a maximum of 10 credits.
Adopted curricular materials: No textbook assigned

Theatre I — 06410

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to give students experience with the Theatre. The stage, the applause, the curtain rises...who knows? We may see your name in lights! The class will be involved in Theatre games and exercises, pantomime and movement, improvisation, dramatic literature, and scene presentation.
Adopted curricular materials: Basic Drama Projects, Perfection Learning

Theatre II — 06420

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed for the student who has completed Theatre I or who has had other Theatre experience. The class will continue to develop and refine acting skills learned in Theatre I and will deal with the presentation of scenes, and working with one-act plays.
Pre-requisite(s): Theatre I (10 credit High School course) or instructor approval
Adopted curricular materials: Drama for Reading & Performance, Perfection Learning

Theatre III 06430

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course is designed for advanced students with prior knowledge and experience in educational Theatre. Students will work in readers' Theatre, children's Theatre, and do scene work from different styles and time periods. In addition, students will be required to view and critique a live, community Theatre performance.
Pre-requisite(s): Theatre I (10 credit High School course) and Theatre II; audition
Adopted curricular materials: The Essential Theatre, Harcourt Brace

Theatre, Advanced 06434

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course is an audition class ONLY and is designed for the dedicated, serious student of Theatre. It will be a total performing class, with student selection and direction of pieces playing the major part. This course may be repeated for a maximum of 30 credits.
Pre-requisite(s): Audition with director
Adopted curricular materials: Introduction to Theatre & Drama, NTC

Theatre, Advanced Honors 06435

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course is designed to have the same curricular focus as Advanced Theatre with an increased rigor of reading and writing assignments, as well as required enrichment projects. This course may be repeated for a maximum of 20 credits. This EGUSD honors course is not recognized as an honors level course by UC/CSU. It earns an EGUSD GPA enhancement but does NOT earn a GPA enhancement by UC/CSU.
Pre-requisite(s): Application, interview, and audition; Advanced Theatre with a grade of C or better or by instructor approval
Adopted curricular materials: Acting with Style, Glencoe

Theatre, Children's 06450

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This class is designed for the student who enjoys puppetry and child oriented Theatre presentations. Students will work on presentations for elementary age school children. Writing scripts, constructing puppets, and performing are all a part of the course. This course may be repeated for a maximum of 40 credits.
Adopted curricular materials: Theatre Acts - Dynamics of Acting, NTC

Theatre, Children's Advanced 06455

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

This course explores the same curricular focus as the Children's Theatre; however, the students will produce and perform in a children's show for the elementary students in the Elk Grove District. This course may be repeated for a maximum of 30 credits.
Pre-requisite(s): Application, audition, Theatre I or Children's Theatre
Adopted curricular materials: No textbook assigned

Three Dimensional Art — 06609

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to take art into the realm of 3-D. Students will learn the fundamentals of sculpture and jewelry while gaining an understanding of the principles and elements of art. Students will be exploring a variety of materials including: leather, wood, glass, soapstone, plaster, clay, metal, and plastic. This is a laboratory/shop situation for those who are able to safely work with others to explore the possibilities available to the 3-D artist. Active participation and regular assignment completion is required.
Adopted curricular materials: Discovering Art History, Davis

Vocal Ensemble — 06354

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to develop the experience of learning and performing choral music. Emphasis is placed on learning, rehearsing, and performing quality choral music in a variety of musical styles. Students practice vocal techniques, including tone production, posture, breathing, and ensemble blending. Listening skills for musicianship are developed. The skills of reading music and singing music at sight are stressed. Performance participation is required. This course may be repeated for a maximum of 40 credits.
Pre-requisite(s): Previous experience and audition with director.
Adopted Curricular Materials: No textbook assigned

Vocal Ensemble Mini — 06803

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This shortened course is designed for students enrolled in the Vocal Ensemble course to continue rehearsal and performance practices throughout the entire school year. Music mastery requires constant and consistent group practice on a daily basis. Students will continue to refine their ability to use proper musical techniques. Skills in reading music and musicianship will be further developed. This course may be repeated for a maximum of 20 credits.
Pre-requisite(s): Ability to sing, previous experience, and audition with director
Co-Requisite: Current enrollment in Vocal Ensemble
Adopted curricular materials: No textbook assigned

Vocal Ensemble, Introduction to — 06353

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

This course is designed to introduce and develop the experience of learning and performing choral music. It is the first course to be taken in enrolling in Vocal Ensemble. Emphasis is placed on learning, rehearsing, and performing quality choral music in a variety of musical styles. Students practice vocal techniques including tone, production, posture, breathing, and ensemble blending. Listening skills for musicianship are developed. The skills of reading music and singing music at sight are stressed. Performance participation is required.
Adopted curricular materials: No textbook assigned

Vocal Survey

06805

Department: Visual/Performing Arts
Grade Level: 09-12
Credits: 2.5
Max Credits: 2.5
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

This short course is designed to teach basic note and rhythm reading in conjunction with developing vocal techniques including correct breathing, posture, articulation, blend, and balance. Skills taught are transferable to other music classes. Skills in reading music and musicianship will be further developed through performance practice. This course does not meet the VAPA graduation requirement.
Adopted curricular materials: No textbook assigned

World Language

American Sign Language I — 05400

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

In this course, students will learn the language by watching (receptive skills) and responding (expressive skills). Students will learn to use the language through continuous exposure to both receptive and expressive ASL. Students will learn to sign about themselves, friends, family, community, likes and dislikes, and daily activities. The class will be conducted using the target language and will introduce students to the Deaf Culture and Deaf Community to be able to communicate appropriately and effectively about the various level I topics.
Adopted curricular materials: Signing Naturally, DawnSignPress

American Sign Language II — 05401

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

In this course, students will learn the language by watching (receptive skills) and responding (expressive skills), increasing their abilities acquired from ASL I. Students will learn to use the language through continuous exposure to both receptive and expressive ASL. Students will continue to learn to sign about themselves and others, requests, opinions, and storytelling. The class will be conducted using the target language and will expose students to Deaf Culture and the Deaf Community to be able to communicate appropriately and effectively about the various Level II topics.
Pre-Requisite(s): American Sign Language I

Adopted curricular materials: Signing Naturally Student Workbook, Units 7-12; Copyright 2014, Dawn Sign Press

American Sign Language III — 05402

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

In this course, students will learn the language by watching (receptive skills) and responding (expressive skills), increasing their abilities acquired in American Sign Language II. Students will learn to use the language through continuous exposure to both receptive and expressive ASL. Students will continue to learn to sign about themselves and others, make requests, give opinion, and storytelling. While earlier lessons in the series introduced language concepts related to people, places, and things within the immediate environment, Level III encourages students to communicate about people in a more abstract way and to communicate about the environment outside of the classroom, i.e., at home or other parts of the country. The class will be conducted using the target language and expose students to the Deaf Culture and Deaf Community to be able to communicate appropriately.
Pre-Requisite(s): American Sign Language II with a grade of C or better
Adopted curricular material: Signing Naturally, Level 2, DawnSignPress, Copyright 1992

AP French Language and Culture — 05150

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course explores communication skills: understanding, speaking, reading, and writing will be stressed. Grammar will be emphasized along with cultural studies and some exposure to literature. The goal of this course is to become fluent in French. This class is conducted entirely in French. Homework is assigned daily. Upon completion, students will be eligible to take the AP examination in French that may qualify for college credit. Students may be placed in this course based on a process which includes submitting a letter of intent, a writing sample, a parent permission response, an application, as well as attendance at a student/parent meeting.
Pre-requisite(s): French III with a grade of C or better

Adopted curricular materials: Imaginez, 4th Edition, Copyright 2020, Vista Higher Learning; AP French Language and Culture Exam Preparation, Copyright 2021, Vista Higher Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Japanese Language and Culture — 05350

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course explores a holistic approach to develop students' language proficiency in both spoken and written Japanese, while recognizing appropriate vocabulary usage, communication strategies, cultural awareness and grammar accuracy. This AP Japanese course is the equivalent of 300 hours of college-level instruction. Upon completion of the course, students will be able to take the AP Japanese examination that may qualify for college credit.
Pre-requisite(s): Japanese III or IV with a Grade of C or better

Adopted curricular materials: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

AP Spanish Language and Culture — 05046

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course emphasizes communication skills in understanding, speaking, reading, and writing in Spanish. Grammar will be emphasized along with cultural studies and some exposure to literature. The goal of this course is to become fluent in Spanish and this class is conducted entirely in Spanish. Homework is assigned daily. Upon completion, students will be eligible to take the AP examination in Spanish that may qualify for college credit.
Pre-requisite(s): Spanish III with a Grade of C or better

Adopted curricular materials: Triángulo APreciado, 6th Edition; Copyright 2019, Wayside Publishing

AP Spanish Literature and Culture — 05045

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course is designed for students who wish to develop their proficiency in Spanish literature: Peninsular and Latin American authors. The selected reading will consist of Medieval, Golden Age, Nineteenth, and Twentieth Century literature. Interpretive essays are written in Spanish along with analysis of poetry, short stories, and novels.
Pre-requisite(s): AP Spanish Language and Culture with a grade of C or better

Adopted curricular materials: Azulejo, Second Edition; Copyright 2012, Wayside Publishing

French I — 05110

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

This course emphasizes communication by speaking, reading, writing, and understanding written and spoken French. Students will study the countries and cultures where French is spoken and will make comparisons and connections with their own language and cultures. The course will be conducted primarily in French. Homework is assigned daily.

Adopted curricular materials: EntreCultures 1 Francais, Copyright 2020, Wayside Publishing

French II — 05120

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course is designed to increase comprehension, expression, reading, and writing in French. Students will communicate in dialogues, oral presentations and group activities. French II is taught primarily in French. A continued study of the French culture is included. Homework is assigned daily.
Pre-requisite(s): French I with a grade of C or better or instructor approval

Adopted curricular materials: EntreCultures 2 Francais, Copyright 2020, Wayside Publishing

French III — 05130

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course focuses extensively on French communication by means of French history, culture and literature. The goal of this course is to learn to write and read in French. The course is conducted entirely in French. Homework is assigned daily.
Pre-requisite(s): French II with a grade of C or better

Adopted curricular materials: EntreCultures 3 Francais, Copyright 2020, Wayside Publishing

French IV — 05140

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course emphasizes communication skills, understanding, speaking, reading and writing in French. The goal of this course is for the student to become fluent in French. Grammar will be emphasized along with cultural studies and some exposure to literature. The class is conducted entirely in French. Homework is assigned daily.
Pre-requisite(s): French III with a grade of C or better

Adopted curricular materials: Imaginez, 4th Edition, Copyright 2020, Vista Higher Learning

French IV Honors — 05141

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course focuses on French literature. The goal of this course is to become fluent in French. Students will be asked to find and read articles on selected topics. Literary excerpts dealing with the topics will be read and discussed, along with two complete novels. Grammar concepts will be refined and tested. A focused cultural project will be required. The class is conducted entirely in French. Homework is assigned daily. This EGUSD honors course is recognized as an honors-level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Prerequisite(s): French III with a grade of C or better

Adopted curricular materials: Imaginez, 4th Edition, Copyright 2020, Vista Higher Learning

IB French B SL1 — 20051

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course prepares students to reflect, write, and speak in a variety of contexts to a variety of audiences. Students will read from many sources and perspectives from around the world. They will be exposed to accents and opinions from throughout the Francophone world. Through investigation of the cultures of the France and Francophone regions, students will become open-minded citizens of the world. With guidance, students will choose subjects for in-depth study. Students will demonstrate their knowledge, understanding, and appreciation of the language and cultures through a dossier, class-based activities, independent projects, and formal examinations.
Pre-requisite(s): French 1 and French 2 with a grade of C or better or by instructor approval
Adopted curricular materials: French B Course Companion, 2nd Edition, Oxford University Press

IB French B SL2 — 20052

Department: World Language | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course prepares students to reflect, write, and speak in a variety of contexts to a variety of audiences. Students will read from many sources and perspectives from around the world. They will be exposed to accents and opinions from throughout the Francophone world. Through investigation of the cultures of the France and Francophone regions, students will become open-minded citizens of the world. With guidance, students will choose subjects for in-depth study. Students will demonstrate their knowledge, understanding, and appreciation of the language and cultures through a dossier, class-based activities, independent projects, and formal examinations.
Pre-requisite(s): French 1 and French 2 with a grade of C or better or by instructor approval
Adopted curricular materials: French B Course Companion, 2nd Edition, Oxford University Press

IB Japanese B SL1 — 20057

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course is designed to provide students with the necessary language skills and intercultural understanding to communicate successfully in an environment where Japanese is spoken. The language skills of speaking, listening, writing, and reading and cultural knowledge are developed through the study and use of a range of written, auditory, audio-visual, and spoken materials related to Japanese culture. By discovering and exploring Japanese and their own culture, students are encouraged to expand an awareness of the world and develop respect for cultural diversity. IB Japanese B Standard Level students are also required to recognize and use 400 Kanji characters specified in the Japanese B List of Kanji Characters.
Pre-requisite(s): Japanese 1 and Japanese 2 with a grade of C or better or by instructor approval
Adopted Curricular: Adventures in Japanese 3, 2018 Cheng and Tsui Publishers

IB Japanese B SL2 — 20058

Department: World Language | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course is designed to provide students with the necessary language skills and intercultural understanding to communicate successfully in an environment where Japanese is spoken. The language skills of speaking, listening, writing, and reading and cultural knowledge are developed through the study and use of a range of written, auditory, audio-visual, and spoken materials related to Japanese culture. By discovering and exploring Japanese and their own culture, students are encouraged to expand an awareness of the world and develop respect for cultural diversity. IB Japanese B Standard Level students are also required to recognize and use 400 Kanji characters specified in the Japanese B List of Kanji Characters.
Pre-requisite(s): Japanese 1 and Japanese 2 with a grade of C or better or by instructor approval
Adopted curricular materials: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

IB Spanish B SL1 — 20055

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course is focused on the development and acquisition of Spanish up to a standard level degree and the development of cultural awareness of Spanish-speaking countries. Through the exposure of quality, authentic, level-appropriate text, auditory sources, and audio visual sources, students will develop a moderate command of the Spanish language which includes the integration of all four language skills: synthesis of written and visual-auditory sources, the formal writing process, and interpersonal and presentational speaking, and writing skills. Students will develop a deeper cultural understanding which encourages respect, compassion, and empathy toward others. Students also develop an open-mindedness and appreciation of the Spanish-speaking cultures and their contributions to the world.
Pre-requisite(s): Spanish 1 and Spanish 2 with a grade of C or better or by instructor approval
Adopted curricular materials: Spanish B Course Companion, 2nd Edition, Oxford University Press

IB Spanish B SL2 — 20056

Department: World Language | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This IB course is focused on the development and acquisition of Spanish up to a standard level degree and the development of cultural awareness of Spanish-speaking countries. Through the exposure of quality, authentic, level-appropriate text, auditory sources, and audio visual sources, students will develop a moderate command of the Spanish language which includes the integration of all four language skills: synthesis of written and visual-auditory sources, the formal writing process, and interpersonal and presentational speaking, and writing skills. Students will develop a deeper cultural understanding which encourages respect, compassion, and empathy toward others. Students also develop an open-mindedness and appreciation of the Spanish-speaking cultures and their contributions to the world.
Pre-requisite(s): Spanish 1 and Spanish 2 with a grade of C or better or by instructor approval
Adopted curricular materials: Spanish B Course Companion, 2nd Edition, Oxford University Press

Japanese I — 05310

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

This course emphasizes communication in Japanese by speaking, listening, reading, and writing. Students will study the countries and cultures where Japanese is spoken and will make comparisons and connections with their own. The course will be conducted primarily in Japanese. Homework is assigned daily.

Adopted curricular materials: Adventures in Japanese 1, 4th Edition; Copyright 2016, Cheng & Tsui

Japanese II — 05320

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course provides increased emphasis in comprehension, expression, reading, and writing Japanese. Students will improve their Japanese communication during dialogues, oral presentations and group activities. Japanese II is taught primarily in Japanese. A continued study of the Japanese culture is included. Homework is assigned daily.
Pre-requisite(s): Japanese I with a grade of C

Adopted curricular materials: Adventures in Japanese 2, 4th Edition; Copyright 2016, Cheng & Tsui

Japanese III — 05330

Department: World Language
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

This course emphasizes listening, speaking, writing, and reading in Japanese. Students will communicate in Japanese. Students will continue to deepen their knowledge of culture. The course is conducted primarily in Japanese. Homework is assigned daily.
Pre-requisite(s): Japanese II with a grade of C or better
Adopted Curricular: Adventures in Japanese 3, 2018 Cheng and Tsui Publishers

Japanese IV — 05340

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

This course focuses on communication skills, understanding, speaking, reading, and writing in Japanese. Grammar will be emphasized along with cultural studies and some exposure to literature. The goal of this course is for students to become fluent in Japanese. This class is conducted entirely in Japanese. Homework is assigned regularly.
Pre-requisite(s): Japanese III with a grade of C or better

Adopted curricular materials: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

Japanese IV Honors — 05341

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

This course emphasizes communication skills, understanding, speaking, listening, reading, and writing in Japanese. Certain aspects of Japanese history and literature are introduced. Grammar will be stressed along with cultural studies. The goal of this course is for students to become fluent in Japanese. Homework is assigned daily. This EGUSD honors course is recognized as an honors level course by UC/CSU and earns a GPA enhancement by both EGUSD and UC/CSU.
Pre-requisite(s): Japanese III with a grade of C or better

Adopted curricular materials: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

Spanish for Native Speakers I — 05050

Department: World Language
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language I
UC/CSU: World Language I (e) **NCAA: Yes**

This course emphasizes the development of writing and reading skills, instruction in grammar and syntax, vocabulary enrichment, and improvement of oral communication skills. This is an entry-level, year-long Spanish course designed to meet the special needs of native speakers of Spanish. The class will be taught in Spanish.
Pre-requisite(s): Placement based upon oral and written proficiency assessment

Adopted curricular materials: Galería de lengua y cultura 1; Copyright 2019, Vista Higher Learning

Spanish for Native Speakers II — 05060

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

This course emphasizes the development of writing and reading skills, instruction in grammar and syntax, vocabulary enrichment, and improvements of oral communication skills with added rigor. This year-long Spanish course is the second in a sequence of courses designed to meet the special needs of native speakers of Spanish. The class will be taught in Spanish.
Pre-requisite(s): Spanish for Native Speakers I with a grade of C or better

Adopted curricular materials: Galería de lengua y cultura 2; Copyright 2019, Vista Higher Learning

Spanish I — 05010

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

This high school level college preparatory course focuses on communication in Spanish by speaking, reading, writing, and understanding written and spoken Spanish. Students will study the countries and cultures where Spanish is spoken and will make comparisons and connections with their own language and culture. This class will be conducted mostly in Spanish. This course is for students who can devote the time necessary to learn a world language. Students who take this course will be encouraged to take Spanish for at least four years.

Adopted curricular materials: EntreCulturas 1 Español; Copyright 2017, Wayside Publishing

Spanish I, Online — 05007

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: No**

This high school-level college preparatory course teaches Spanish by speaking, reading, writing, and understanding Spanish. Students study varied Spanish-speaking countries and cultures and make comparisons and connections with their language and culture. This class will be conducted mostly in Spanish. The course represents an ideal blend of language learning pedagogy and online learning. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, and speaking.
Adopted Curricular Materials: Edgenuity

Spanish II — 05020

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This high school level college preparatory course provides students the opportunity to improve their Spanish communication in dialogues, oral presentations and group activities. Increased emphasis will be placed on comprehension, expression, reading, and writing. A continued study of the Spanish culture is embedded in this course. This class will be conducted in Spanish.
Pre-requisite(s): Spanish I with a grade of C or better

Adopted curricular materials: EntreCulturas 2 Español; Copyright 2017, Wayside Publishing

Spanish II, Online — 05008

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: No**

This high school-level college preparatory course teaches Spanish by speaking, reading, writing, and understanding Spanish. Students study varied Spanish-speaking countries and cultures and make comparisons and connections with their language and culture. This class will be conducted mostly in Spanish. The course represents an ideal blend of language learning pedagogy and online learning. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, and speaking.
Pre-requisite(s): Spanish I with a grade of "C" or better. *NOTE: Student must pass challenge test for online course completed before advancing to the next level at a comprehensive high school.
Adopted Curricular Materials: Edgenuity

Spanish III — 05030

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course emphasizes communication skills in speaking, listening, reading and writing in Spanish. Spanish history, culture, and literature are studied extensively. Students will communicate well in Spanish. The course is conducted entirely in Spanish. Homework is assigned daily.
Pre-requisite(s): Spanish II with a grade of C or better

Adopted curricular materials: EntreCulturas 3 Español; Copyright 2017, Wayside Publishing

Spanish III, Online — 05009

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: No**

In this expanding engagement with Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish. Students study varied Spanish-speaking countries and cultures and make comparisons and connections with their language and culture. Each week consists of a new vocabulary theme and grammar concept, interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations.
Pre-requisite(s): Spanish I and Spanish II with a grade of "C" or better. *NOTE: Student must pass challenge test for online course completed before advancing to the next level at a comprehensive high school
Adopted Curricular Materials: Edgenuity

Spanish IV — 05040

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

This course emphasizes communication skills in understanding, speaking, reading, and writing in Spanish. Grammar will be emphasized along with cultural studies and some exposure to literature. The goal of this course is to become fluent in Spanish. This class is conducted entirely in Spanish. Homework is assigned daily.
Pre-requisite(s): Spanish III with a grade of C or better

Adopted curricular materials: EntreCulturas 4 Español; Copyright 2021, Wayside Publishing

Spanish, Conversational — 05603

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

This course is designed for students to develop Spanish conversational skills based on various themes. Speaking and listening will be the primary focus. Homework will be required.
Adopted curricular materials: No textbook assigned