



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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

#### 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:** 09-10 **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



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### 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.

### 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

### 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



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### 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

### 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

### Digital Art/Graphic Design Production 12143

**Department:** Career Technical Education **Grade Level:** 09-10 **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:** 09-10 **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

### 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

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*



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### 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 Technology

12355

**Department:** Career Technical Education

**Grade Level:** 09-10

**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.

### Entrepreneurship I

12505

**Department:** Career Technical Education

**Grade Level:** 09-10

**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,  
<https://knowledgematters.com/highschool/entrepreneurship/>



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### 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/>

### 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

### 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 is open to all EGUSD students and 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 are included at no cost. 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.

### 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



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### 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. Physics 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

### Web Development

12132

**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 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: Computer Technology

Adopted curricular materials: <https://www.w3schools.com>





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### Electives

#### Adolescent Development

07515

**Department:** Electives

**Grade Level:** 11-12

**Credits:** 5.0

**Max Credits:** 5.0

**Graduation Requirement:** Electives

**UC/CSU:** None

**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 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

#### 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

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### 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 Tutorial

09014

**Department:** Electives

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**Graduation Requirement:** Electives

**UC/CSU:** None

**NCAA:** No

Students enrolled in AVID (Advancement Via Individual Determination) will receive academic and social support to assist them with preparing for college and career. Students will be taught skills and behaviors for academic success and will be provided with intensive support with tutorials and strong student/teacher relationships.

Adopted curricular materials: No textbook 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

### 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

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### 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

### Life After High School

07531

**Department:** Electives

**Grade Level:** 11-12

**Credits:** 5.0

**Max Credits:** 5.0

**Graduation Requirement:** Electives

**UC/CSU:** None

**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

### 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



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### 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

### 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

### 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

### Work Experience 07002

**Department:** Electives **Grade Level:** 11-12 **Credits:** 5.0 **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



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### English

#### 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, Bedford-St. Martin

#### 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



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### 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

### 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

### 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

### EL English Intensive Course I

02802

**Department:** English

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**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: Edge Fundamentals, National Geographic Learning/Cengage Learning



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### EL English Intensive Course II

02803

**Department:** English

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**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: Edge Level A, National Geographic Learning/Cengage Learning

### EL English Intensive Course III

02804

**Department:** English

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**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:** 10.0

**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



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### 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, or English 12

Adopted curricular materials: Study Sync, McGraw-Hill Education or Edge, National Geographic Learning, Hampton-Brown (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

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*





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### 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 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



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### 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:** None

**NCAA:** No

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



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### 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

### 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: No textbook assigned

### 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: No textbook assigned



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### 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 commonalities, 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

### 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

### 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



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### Health

#### Health

**15000**

**Department:** Health

**Grade Level:** 09-12

**Credits:** 5.0

**Max Credits:** 5.0

**Graduation Requirement:** Health

**UC/CSU:** None

**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



# Monterey Trail High School

## Course Catalog

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### 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 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; 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. This class will require extensive reading, writing, and research. Upon completion, students will be eligible to take the AP examination in government.

Adopted curricular materials: American Politics Today, 5th Edition High School Edition, W. W. Norton & Company, Inc.

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*





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### 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, Second Edition, Worth 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, Second Edition, Worth 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

### 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

This course offers an intensive U.S. history program designed for students who wish an accelerated learning experience that may qualify high school work for college credit. Using many sources, documentary materials and statistical tables, the course provides students with the analytic and factual skills necessary to deal critically with problems and issues in American history. A special emphasis of the course will be the development of critical writing skills necessary for the essay portion of the AP examination.

Adopted curricular materials: America's History for the AP Course, 8th Edition, Bedford/St. Martin's

### 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

This course traces the development of world history from the emergence of cities to the present, focusing on the period after 1000 A.D. and emphasizing the analytical and writing skills necessary for success in a college level history course. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of change and continuity over time, and the historical process and contacts between people in different society. In assigned reading and class discussions, there will be an emphasis on critical thinking. Attention will be given to the skills necessary to take the AP World History exam in the spring.

Adopted curricular materials: Worlds Together Worlds Apart, From the Beginnings of Humankind to the Present, AP Edition, W. W. Norton & Company.



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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

### 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: Mexican American Literature, Harcourt



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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 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

### 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

### 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 1900 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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)

### 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)



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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)

### 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, 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

### 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### Mathematics

#### AP Calculus AB

03050

**Department:** Mathematics

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**Graduation Requirement:** Mathematics

**UC/CSU:** Mathematics III (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 III (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 Statistics

03058

**Department:** Mathematics

**Grade Level:** 11-12

**Credits:** 10.0

**Max Credits:** 10.0

**Graduation Requirement:** Mathematics

**UC/CSU:** Mathematics III (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

**Grade Level:** 09-12

**Credits:** 10.0

**Max Credits:** 10.0

**Graduation Requirement:** Mathematics

**UC/CSU:** Mathematics I (c)

**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

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*





# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### Exploring Functions through Mathematical Practices

03022

**Department:** Mathematics

**Grade Level:** 10-12

**Credits:** 10.0

**Max Credits:** 10.0

**Graduation Requirement:** Mathematics

**UC/CSU:** Mathematics II (c)

**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

### 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: Integrated Mathematics 1, Houghton-Mifflin Harcourt

### 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: Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt

### 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: Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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: Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt

### 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: Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt

### 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: Integrated Mathematics 2, Houghton-Mifflin Harcourt

### 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: Integrated Mathematics 2, Houghton-Mifflin Harcourt

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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, or Mathematics II Honors with a grade of C or better

Adopted curricular materials: Integrated Mathematics 3, Houghton-Mifflin Harcourt

### 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, or Mathematics II Honors with a grade of C or better

Adopted curricular materials: Integrated Mathematics 3, Houghton-Mifflin Harcourt

### Pre-Calculus Honors

03041

**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 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

### 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.

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### Physical Education

#### 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.

Pre-requisite(s): PE Course I

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

#### 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
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### 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 individual and team activities. All students are expected to dress and participate on a daily basis. The class is designed to provide an introduction to many different activities. In each activity, fitness, fundamentals, and skill development will be emphasized. Grades are based on skill development, participation, writing assignments, and written tests. All 9th grade students are required to pass 5 out of 6 of the state's FITNESSGRAM tests.

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 Junior combatives, gymnastics/tumbling and team activities through which the Senior California Department of Education Physical Education Content Standards, Course II, will be met. Students will learn skills necessary to perform a variety of physical activities as well as knowledge of physical fitness and wellness. They will create goals and integrate their knowledge into life-long patterns of wellness and fitness. Students who have not previously passed 5 out of 6 FITNESSGRAM tests in Course I will have to Pass 5 out of 6 FITNESSGRAM tests in Course II.

Adopted curricular materials: No textbook assigned

### Weight Training and Conditioning

08683

**Department:** Physical Education

**Grade Level:** 09-12

**Credits:** 5.0

**Max Credits:** 20.0

**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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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





# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
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### 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 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 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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.

### 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): General Science and 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

### 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
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### 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

### 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

### 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:** Biological 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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): General Science and 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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

#### 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: 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
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### 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:** 10.0  
**Graduation Requirement:** Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA:** No

This course is intended for the advanced art student who intends to prepare and refine a college or arts career portfolio. It allows students to create a digital portfolio of independently produced work through traditional, graphic design and digital fine arts practices. This course is a prerequisite and/or concurrent course to AP Studio Art (and/or a concurrent course to IB Art SL1 and IB Art HL1). 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 progression of skill, research and evaluation of artist's works as well as focus on the elements of art and principles of design. 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): Art II or Commercial Art/Graphics or portfolio review and instructor recommendation.

Adopted curricular materials: The Visual Experience, Davis

### 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



# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
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### 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, 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, 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

### 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





# Monterey Trail High School

## Course Catalog

Year: 2022-2023  
Report: U-CRS1201

### 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

### 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

### 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



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### 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 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



# Monterey Trail High School

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### 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

### 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



# Monterey Trail High School

## Course Catalog

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### 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 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

### 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

### 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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



# Monterey Trail High School

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### 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

### Vocal Ensemble

06354

**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 allows a performing ensemble of students with proven singing ability to perform both alone and with the concert choir. Students practice and refine their ability to use proper vocal techniques in singing music from a variety of musical styles including classical, romantic, twentieth-century, and jazz. Skills in reading music and musicianship will be developed further. This course may be repeated for a maximum of 20 credits.

Pre-requisite(s): One semester of high school choral experience and audition with director

Adopted curricular materials: No textbook assigned



# Monterey Trail High School

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### 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





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### 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:** No

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:** No

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:** No

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*





# Monterey Trail High School

## Course Catalog

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### 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

*UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course*



# Monterey Trail High School

## Course Catalog

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### 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 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



# Monterey Trail High School

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### 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 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