**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
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**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
In order to graduate, EUHSD students must earn 230 credits to qualify for a high school diploma, which must include the following course requirements:

*Students planning to attend a California State University should consult their counselor to determine which visual and performing arts classes will be acceptable for admission purposes.

**Students enrolled in Math 1 within the EUHSD satisfy the CDE and EUHSD algebra graduation requirement by successfully completing the course. Algebra completed prior to Grade 9 may satisfy the CDE Algebra graduation requirement.

**Students enrolled in Math 2 within the EUHSD satisfy the UC/CSU geometry requirement by successfully completing the course.

***Following successful completion of Physical Education 1, students may apply for no more than 10 credits of the physical education requirement for their participation in interscholastic athletics, marching band/auxiliary units/cheer leading/dance or other programs/courses approved by the Superintendent or designee.

****Students should consult their counselor to determine which college prep elective or Career Technical Education courses meet this requirement.

All students planning to attend a four-year college and/or university should consult with their school counselor to develop a four-year plan that is acceptable for admission purposes. Coursework requirements vary at each institution.

Note: For Del Lago Academy and Valley High School, see School Counselor for Graduation Requirements

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**ESCONDIDO UNION HIGH SCHOOL DISTRICT GRADUATION REQUIREMENTS**

### GRADUATION REQUIREMENTS

**RECOMMENDED CTE AND UC OPTIONS**

#### DESIGNATED COLLEGE PREP COURSES

- Any 10 credits of AVID
- Additional 10 credits of college preparatory math course from C category on approved A-G list beyond 30 required by UC/CSU
- Additional 10 credits of same world language course from E category on approved A-G list beyond 20 required by UC/CSU
- Additional 10 credits of laboratory science course from D category on approved A-G list beyond 20 required by UC/CSU
- Additional 10 credits of a VAPA course from F category on approved A-G list beyond 10 required by UC/CSU
- Any 10 credits of advanced placement course that is not being used to meet another graduation requirement
- Any 10 credits of "Honors" level course as recognized by UC/CSU that is not being used to meet another graduation requirement

*For example, AP US History may not be used to meet this requirement because it also meets the 10 credit course requirement for US History.

In most cases, a single course may not be used to meet two graduation requirements. For example, Photography I A/B can either meet the VAPA graduation requirement or the CTE graduation requirement, but not both. Athletic Training is the exception to the rule.

---

### MATH REQUIREMENTS

#### EUHSD GRADUATION REQUIREMENTS

**SAME AS STATE MANDATED REQUIREMENTS**

- 2 years of mathematics courses *(20 credits)*
- 1 of these courses must be Algebra 1/ Math 1 (full year) or a course that meets or exceeds the rigor of the Algebra standards; in our district it is Algebra 2 or Math 3.
- Grades must be D or better

#### UC REQUIREMENTS FOR FRESHMAN ADMISSION

- Three years of mathematics, including Algebra 1, Geometry, Algebra 2 or Math 1, Math 2 and Math 3.
- Grades must be C or better

#### CSU REQUIREMENTS FOR FRESHMAN ADMISSION

- Three years of mathematics, including Algebra 1, Geometry, Algebra 2 or Math 1, Math 2 and Math 3.
- Grades must be C or better

*For example, to meet the state graduation requirement for algebra, the following situations would suffice:

- Algebra 1 A + B (full year)
- Math 1 A + B (full year)
- Combo of Algebra 1 with Math 1 – must pass both an A and B semester
- Math 3 A + B (full year)
- Algebra 2 A + B (full year)
- Combo of Math 3 with Algebra 2 – must pass both an A and B semester

Note: Algebra 1 may still be taken in 8th grade, but students may be required to show proof later, and would still need 20 credits of math, or two discrete math courses, for a district diploma. The 20 credits may not be met by 10 credits in both Algebra 1 and Math 1, as these are considered the same course.

---

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
The College/Career measure shows how well local educational agencies (LEAs) and schools are preparing students for likely success after graduation. Only graduates can be classified as Prepared or Approaching Prepared. For schools and LEAs to demonstrate success on this state measure, high school graduates must meet at least one of the criteria in the Prepared level.

<table>
<thead>
<tr>
<th>PREPARED</th>
<th>APPROACHING PREPARED</th>
<th>NOT PREPARED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smarter Balanced Summative Assessments: Score of Level 3 “Standard Met” or higher on both English language arts/literacy (ELA) and mathematics</td>
<td>Smarter Balanced Summative Assessments: Score of Level 2 “Standard Nearly Met” on both ELA and mathematics</td>
<td>Did not meet any of the measures or did not graduate.</td>
</tr>
<tr>
<td>Advanced Placement (AP) Exams: Score of 3 or higher on two AP exams</td>
<td>College Credit Courses: One semester or two quarters of college coursework with a grade of C- or better in academic/CTE subjects where college credit is awarded</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Exams: Score of 4 or higher on two IB exams</td>
<td>UC and CSU a-g requirements: Complete a-g course requirements with a grade of C- or better</td>
<td></td>
</tr>
<tr>
<td>College Credit Courses: Two semesters or three quarters of college coursework with a grade of C- or better in academic/CTE subjects where college credit is awarded</td>
<td>CTE Pathway: Pathway completion with a grade of C- or better in the capstone course</td>
<td></td>
</tr>
<tr>
<td>State Seal of Biliteracy (SSB): SSB awarded and score of Level 3 or higher in ELA on the Smarter Balanced Summative Assessments</td>
<td>Leadership/Military Science: Two years of Leadership/Military Science, score of Level 3 or higher in ELA or math, and Level 2 “Standard Nearly Met” or higher in other subject area</td>
<td></td>
</tr>
<tr>
<td>Leadership/Military Science: Two years of Leadership/Military Science, score of Level 3 or higher in ELA or math, and Level 2 “Standard Nearly Met” or higher in other subject area</td>
<td>University of California (UC) and California State University (CSU) a-g requirements: Complete a-g course requirements with a grade of C- or better plus one of the Additional Criteria from the box below</td>
<td></td>
</tr>
<tr>
<td>University of California (UC) and California State University (CSU) a-g requirements: Complete a-g course requirements with a grade of C- or better plus one of the Additional Criteria from the box below</td>
<td>Career Technical Education (CTE) Pathway: Pathway completion with a grade of C- or better in the capstone course plus one of the Additional Criteria from the box below</td>
<td></td>
</tr>
<tr>
<td>Career Technical Education (CTE) Pathway: Pathway completion with a grade of C- or better in the capstone course plus one of the Additional Criteria from the box below</td>
<td></td>
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</tbody>
</table>

**Additional Criteria**
- Smarter Balanced Summative Assessment Scores:
  - Level 3 or higher on ELA and at least a Level 2 in mathematics, or
  - Level 3 or higher on mathematics and at least a Level 2 in ELA
- One semester/two quarters of College Credit Courses with a grade of C- or better in academic/CTE subjects
- Score of 3 on one AP exam or score of 4 on one IB Exam (for a-g requirement only)
- Completion of CTE Pathway (for a-g requirement only)

For more information, please visit the California Accountability Model & School Dashboard web page at [https://www.cde.ca.gov/ta/ac/cm/index.asp](https://www.cde.ca.gov/ta/ac/cm/index.asp). October 2018
If a student elects to take 10 credits of a Fine Art rather than 10 credits of a World Language to meet the EUHSD graduation requirement, then all Visual and Performing Arts (VAPA) classes will qualify within the following areas: Art, Ceramics, Dance, Drama, Photography, Music or Video Production. However, UC/CSU college-bound students are advised to check the website: https://hs-articulation.ucop.edu/agcourselist#/list/search/all to determine if a particular course meets the yearlong course G criteria for those colleges/universities.

All students in the state of California are required to successfully complete Algebra 1 or an approved course equivalent in order to receive a California high school diploma. Students may meet this requirement in eighth grade. However, the algebra course will NOT be entered into the student’s high school transcript.

The weighted high school GPA is calculated using the approved weighted courses from the UC/CSU A-G course list https://hs-articulation.ucop.edu/agcourselist#/list/search/all and a maximum of four UC/CSU transferrable community college courses from the EUHSD designated list. All EUHSD students must complete an off campus approval form. Forms are available in the school counseling office. Counselor approval required prior to signing up for community college courses.

EUHSD offers students many options to fulfill the EUHSD graduation course requirements. Each school site has an Campus Online Program where students can take online courses to remediate or accelerate. Course Descriptions are listed on pages 61-72. Independent Study is another online option for students. Student placement into Campus Online or Independent Study is done through the school counseling office. Students should contact their counselor for more information. See pages 15-16 for more information about Independent Study.

Specific course information on prerequisites, length of courses, UC/CSU, and NCAA approval is available in the counseling office.

Articulation is a process which links a high school and college course in order to help students avoid experiencing a delay in or duplication of learning. It allows high school students to receive college credit and/or advanced placement for articulated classes taken in high school. By encouraging enrollment in both high school and post-secondary education, articulation provides an incentive for students to continue their education, reduces costs to the student and minimizes needless duplication of coursework.

An articulated high school course is a high school course that college faculty in the discipline has determined to be comparable to a specific community college course. Students that obtain a B or higher and take and pass the final exam and/or project may apply to earn college credit. Articulation agreements are specific to teacher, please check with instructor to confirm articulation is in place.

Assurance Nondiscrimination Statement: District Programs and Activities (including Career Technical Education)

Escondido Union High School District prohibits discrimination, harassment, intimidation, and bullying based on actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sex, sexual orientation, pregnancy, marital or parental status or association with a person or group with one or more of these actual or perceived characteristics. (EUHSD BP 0410, BP/AR 5145.3, BP/AR 4030, BP 5131.2)

Dr. Olga West
Assistant Superintendent of Human Resources
Equity and Title IX Compliance Officer
302 N. Midway Drive
Escondido, CA 92027
Office: (760) 291-3281
Email: owest@euhsd.org
## PE COURSE/PROGRAM OPTIONS
## BASED ON PHYSICAL FITNESS TEST (PFT STATUS)

<table>
<thead>
<tr>
<th>GRADE</th>
<th>Passed 5/6 fitness areas of PFT</th>
<th>Did not pass 5/6 fitness areas of PFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td><strong>PE High School Course 2</strong>&lt;br&gt;PE Elective Courses:&lt;br&gt;(Aerobics, Basketball, Football, Soccer, Volleyball, and Weight Training)&lt;br&gt;CIF Team Sport/Cheer&lt;br&gt;Non-PE Dept. Courses:&lt;br&gt;(Marching Band, Dance, Color Guard, ROTC)</td>
<td><strong>PE High School Course 2</strong>&lt;br&gt;Or&lt;br&gt;PE Elective Courses:&lt;br&gt;(Aerobics, Basketball, Football, Soccer, Volleyball, and Weight Training)&lt;br&gt;Student must continue PFT testing in deficient fitness areas</td>
</tr>
<tr>
<td>11</td>
<td><strong>PE 11-12</strong>&lt;br&gt;PE Elective Courses:&lt;br&gt;(Aerobics, Basketball, Football, Soccer, Volleyball, and Weight Training)&lt;br&gt;CIF Team Sport/Cheer&lt;br&gt;Non-PE Dept. Courses:&lt;br&gt;(Marching Band, Dance, Color Guard, ROTC)</td>
<td><strong>PE 11-12</strong>&lt;br&gt;PE Elective Courses:&lt;br&gt;(Aerobics, Basketball, Football, Soccer, Volleyball, and Weight Training)&lt;br&gt;CIF Team Sport/Cheer&lt;br&gt;Non-PE Dept. Courses:&lt;br&gt;(Marching Band, Dance, Color Guard, ROTC)&lt;br&gt;Student must continue PFT testing in deficient fitness areas</td>
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<td>12</td>
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</tr>
<tr>
<td>CAREER PATHWAY</td>
<td>CONCENTRATION CLASS</td>
<td>CAPSTONE CLASS</td>
</tr>
<tr>
<td>-------------------------------</td>
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</tr>
<tr>
<td><strong>INDUSTRY SECTOR: AGRICULTURE AND NATURAL RESOURCES</strong></td>
<td></td>
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</tr>
<tr>
<td>AGRICULTURE MECHANICS</td>
<td>Agricultural Engineering 1</td>
<td>Agricultural Engineering 2</td>
</tr>
<tr>
<td>ANIMAL SCIENCE</td>
<td>Animal Science</td>
<td>Veterinary Science</td>
</tr>
<tr>
<td>AGRISCIENCE</td>
<td>Chemistry &amp; Agriscience</td>
<td>Agricultural Physics</td>
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<tr>
<td></td>
<td>Biology &amp; Sustainable Agriculture</td>
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</tr>
<tr>
<td>ORNAMENTAL HORTICULTURE</td>
<td>Art &amp; History Of Floral Design</td>
<td>Advanced Floriculture</td>
</tr>
<tr>
<td>AGRICULTURE BUSINESS</td>
<td>Agricultural Government</td>
<td>Agricultural Economics</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: ARTS, MEDIA, AND ENTERTAINMENT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESIGN, VISUAL AND MEDIA ARTS (SUB: VISUAL/COMMERCIAL ART)</td>
<td>Visual Communications &amp; Digital Media</td>
<td>Advanced Communications &amp; Digital Media</td>
</tr>
<tr>
<td>DESIGN, VISUAL AND MEDIA ARTS (SUB: GRAPHIC DESIGN)</td>
<td>Graphic Design</td>
<td>Advanced Graphic Design</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: BUILDING AND CONSTRUCTION TRADES</strong></td>
<td></td>
<td></td>
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<tr>
<td>CABINETRY, MILLWORK &amp; WOODWORKING</td>
<td>Wood 1</td>
<td>Wood 2</td>
</tr>
<tr>
<td>RESIDENTIAL AND COMMERCIAL CONSTRUCTION</td>
<td>Construction 1</td>
<td>Construction 2</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: ENGINEERING AND ARCHITECTURE</strong></td>
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</tr>
<tr>
<td>ARCHITECTURAL DESIGN</td>
<td>Architectural Design</td>
<td>Advanced Architectural Design</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: HOSPITALITY, TOURISM AND RECREATION</strong></td>
<td></td>
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<tr>
<td>FOOD SERVICE AND HOSPITALITY</td>
<td>Culinary Arts and Food Science</td>
<td>Advanced Culinary Arts and Restaurant Management</td>
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<tr>
<td></td>
<td></td>
<td>Advanced Baking &amp; Pastry</td>
</tr>
<tr>
<td></td>
<td></td>
<td>International Cuisine</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: MANUFACTURING AND PRODUCT DEVELOPMENT</strong></td>
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<td></td>
</tr>
<tr>
<td>GRAPHIC PRODUCTION TECHNOLOGIES</td>
<td>Printing and Graphics 1</td>
<td>Page Layout &amp; Design 1</td>
</tr>
<tr>
<td>MACHINING AND FORMING TECHNOLOGIES</td>
<td>Manufacturing 1</td>
<td>Screen Printing 1</td>
</tr>
<tr>
<td>WELDING AND MATERIALS JOINING</td>
<td>Welding &amp; Metal Fabrication 1</td>
<td>Manufacturing 2</td>
</tr>
<tr>
<td><strong>INDUSTRY SECTOR: TRANSPORTATION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SYSTEMS, DIAGNOSTICS, SERVICE, AND REPAIR</td>
<td>Auto Technology 1</td>
<td>Auto Technology 2</td>
</tr>
</tbody>
</table>

What is a CTE pathway?
A CTE pathway is a sequence of two or more CTE courses within a student’s area of career interest. Pathways are designed to connect high school classes to college, industry certifications, and/or a career.

Why should students participate in a CTE pathway?
While in high school, students have the opportunity to acquire free technical skills training in the career field he/she is interested in. Students will learn valuable technical skills and soft skills making them employable regardless of the field of study they actually end up in. Some teachers’ courses are articulated with California Community Colleges.

How do CTE courses prepare students for college and career?
All CTE courses support the CA State Standards and CTE Model Curriculum Standards (MCS). Learning rigorous academic skills, especially in English Language Arts and Mathematics are an integral part of each CTE course outline and competencies. These skills help our students put English Language Arts and Mathematics to work in a real world, hands-on environment they can relate to. The CTE MCS are designed to assist school districts in developing high quality curriculum and instruction to prepare students for future careers. The MCS were created with assistance from more than 300 representatives from business, industry, postsecondary and secondary education and reviewed by nearly 1000 members of the general public. These standards are rigorous, evidence-based, relevant and reasonable in scope http://www.cde.ca.gov/cc/ct/ctf/mcsbriefpaper.asp
In an effort to heighten the awareness as to the importance of attending school for both students and parents, the Escondido Union High School District (EUHSD) embarked on a major campaign, MAP Your Future, Reach Your Destination. **MAP is a simple acronym to help keep school success as a goal for all students and emphasizes these important messages:**

- **Maintain an academic focus**; Attend school daily; Participate in school and/or community activities. The Escondido Union High School District, along with the Escondido Union School District, San Pasqual Union School District and California State University, San Marcos has created a community-wide partnership for academic reform and college admission. Joining these efforts are the Escondido Chamber of Commerce and the City of Escondido. With focus and commitment to the three critical areas of MAP, students are guaranteed admission to California State University, San Marcos and may benefit from tuition assistance from the MAP Foundation for Academic Success, Inc.

Students who complete all four years of high school on an Escondido Union High School District campus and achieve the following benchmarks will be eligible for guaranteed college admission to California State University, San Marcos and eligible to receive tuition assistance.

- **Maintain** an academic focus (complete A-G coursework with a C or higher and obtain an overall GPA of 3.0 or higher).
- **Attend** school daily (maintain an average 98% attendance over 4 years within the Escondido Union High School District).
- **Participate** in school/community activities (minimum 100 hours total over 4 years). Parents are encouraged to support the student’s efforts and must complete the Free Application for Federal Student Aid FAFSA.

**HERE’S WHAT YOU NEED TO DO:**

- **Attend High School in the Escondido Union High School District for Grades 9-12**
- **Complete A-G Coursework**
- **Achieve a 3.0 or Higher GPA**
- **Maintain Average 98% Attendance Over 4 Years**
- **Be Involved with School/Community Activities**
- **Take the SAT Reasoning or ACT with Writing**
- **Score “College Ready” on the 11th Grade English Language Arts and Mathematics State Exams (CAASPP)**

For more information, see your student’s school counselor or call EUHSD at (760) 291-3200.
# CSU-UC Comparison of Minimum Freshman Admission Requirements as of February 2019

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>CALIFORNIA STATE UNIVERSITY (CSU)</th>
<th>UNIVERSITY OF CALIFORNIA (UC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A: HISTORY/SOCIAL SCIENCE</strong></td>
<td>2 years/4 semesters of history/social science, including one year of U.S. history OR one semester of U.S. history and one semester of American government, AND 1 year of history/social science from either the A or G subject area</td>
<td>11 UC – required college-preparatory courses must be completed prior to senior year (including summer courses)</td>
</tr>
<tr>
<td><strong>B: ENGLISH</strong></td>
<td>4 years/8 semesters of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD): The ESL/ELD cannot be completed during the senior year</td>
<td></td>
</tr>
<tr>
<td><strong>C: MATHEMATICS</strong></td>
<td>3 years/6 semesters of mathematics (including or integrating topics covered in algebra I and II, geometry) * (Integrated math sequences may be used to satisfy the C Mathematics requirement.)</td>
<td>Students applying to UC must complete a geometry course (or integrated math courses with geometry content).</td>
</tr>
<tr>
<td><strong>D: LABORATORY SCIENCE</strong></td>
<td>At least 1 year of physical science and 1 year of biological science, one from the D subject area and the second year may be from the D or G area** Integrated/Interdisciplinary courses may be used to fulfill either physical or biological science.</td>
<td>Must include at least two of the three foundational subjects of biology, chemistry, and physics (including Biology/Earth &amp; Space Sciences, Chemistry/Earth &amp; Space Sciences, and Physics/Earth &amp; Space Sciences as part of the Next Generation Science Standards [NGSS] models); or two years of a three-year NGSS integrated science model; or one year of biology, chemistry or physics and one year of an approved lab science chosen from the earth &amp; space sciences or interdisciplinary sciences disciplines. Approved courses in the applied science, computer science, and engineering disciplines may only be used for a 3rd year (or beyond) of the lab science requirement. Courses must be from the D subject area.</td>
</tr>
<tr>
<td><strong>E: LANGUAGE OTHER THAN ENGLISH</strong></td>
<td>2 years/4 semesters (or equivalent to the 2nd level high school instruction) of language other than English* (Courses must be the same language; American Sign Language allowed)</td>
<td></td>
</tr>
<tr>
<td><strong>F: VISUAL AND PERFORMING ARTS</strong></td>
<td>1 year/2 semesters (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Interdisciplinary Arts, Music, Theater, or Visual Arts</td>
<td></td>
</tr>
<tr>
<td><strong>G: COLLEGE PREPARATORY ELECTIVE</strong></td>
<td>1 year/2 semesters of an elective course work chosen from any area on approved A-G course list</td>
<td></td>
</tr>
</tbody>
</table>

**REPEATED COURSES**

CSU and UC do not use plus/minus grades in the GPA calculation; for example, A C=C.

<table>
<thead>
<tr>
<th>CSU AND UC DO NOT USE PLUS/MINUS GRADES IN THE GPA CALCULATION; FOR EXAMPLE, A C=C.</th>
<th>Required A-G courses must be completed with a grade of C or better. Any course may be repeated with the exact same course. There is no limitation on the number of times a course can be repeated.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required A-G courses must be completed with a grade of C or better. Courses with D/F grades may be repeated. There is no limitation on the number of times a course can be repeated. Repeated courses can have the same or similarly named course titles (e.g., English 9 or English 1). The first instance of a letter grade C or better will be used in the GPA calculation.</strong></td>
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</tr>
</tbody>
</table>

*High school-level coursework completed in 7th and/or 8th grade can be used to meet the area C and/or E requirements. **It is best to prepare for both UC and the CSU by completing two laboratory science courses from the D subject area. Requirement updated as of February 2019.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
CALIFORNIA STATE UNIVERSITY (CSU) | UNIVERSITY OF CALIFORNIA (UC)

**VALIDATION OF SUBJECT OMISSION BY OTHER COURSES**

**MATHEMATICS**

A letter grade of C or better in the second semester of Geometry will validate the first semester. A letter grade of C or better in the first semester of Algebra II validates both semesters of Algebra I. A letter grade of C or better in Statistics will validate Algebra I and Algebra II, but will not validate Geometry. Integrated style Math 2 will be accepted in lieu of a Geometry course.

The omission of a full year of geometry cannot be validated by any higher-level coursework.

A letter grade of C or better in Integrated style Math 3 which includes geometry content validates the omission of Integrated style Math 2. Refer to UC's Validation Matrix in Quick Reference Guide to UC Admissions.

**LANGUAGE OTHER THAN ENGLISH (LOTE)**

A letter grade of C or better in a semester of a higher-level course validates a lower-level course. A higher-level LOTE course can validate the appropriate number of years based on the level. A college course can validate high school LOTE courses. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to ASSIST and look for the footnote indicating the course is equivalent to two years of high school instruction.

**CHEMISTRY**

A grade of C or better in the second semester of Chemistry will validate the first semester.

UC does not allow validation of Chemistry.

**VALIDATION OF DEFICIENT (D/F) GRADES IN REQUIRED COURSES**

Courses in which grades of D/F are earned may be validated in the areas of Math and Language Other Than English (LOTE) by successful completion of higher-level coursework, including D/F grades in Geometry. For UC, refer to the Validation Matrices in Quick Reference Guide to UC Admissions. CSU also allows the validation of D/F grades in Chemistry.

**VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES**

Required A-G courses may be satisfied with appropriate test scores on SAT, SAT Subject Tests, Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on the CSU website; for UC, refer to Quick Reference Guide to UC Admissions. For UC, the omission of a course in Geometry cannot be validated by any examination score.

**HIGH SCHOOL GPA**

Calculate GPA using all A-G approved courses completed during the summer after the 9th grade through summer after the 11th grade—excluding deficient grades which have been repeated. CSU and UC do not use plus/minus grades in the GPA calculation; for example, a C- = C.

Repeated courses are calculated once using the highest grade earned. When completing the online admission application, the repeated course is also only reported once using the highest grade earned.

Repeated courses are calculated once using the first instance of a letter grade of C, B, or A. UC does not average grades. However, when completing the UC admission application, all A-G courses and grades must be reported.

**HONORS POINTS**

Maximum of 8 extra grade points (honors points) from four year-long courses (8 semesters) awarded for UC-approved high school created honors, all AP, some IB courses and transferable college courses. No more than two year-long courses (4 semesters) completed in 10th grade can be used in the honors points calculation.

**TEST SCORES—ACT/SAT**

Test required for CSU applicants to impacted campuses and programs. Test required for CSU applicants to non-impacted campuses, who have earned an A-G GPA of less than 3.0.

The CSU combines the highest SAT score from like tests (taken before March 2016 OR after March 2016); may combine best subscores from multiple ACT tests to calculate a best composite. It is highly recommended that students take the ACT/SAT assessment test in their junior year.

The ACT with Writing or the SAT with Essay is required for all UC applicants and must be completed no later than December of the senior year. UC uses the highest composite score from the ACT with Writing or highest total score from the SAT with Essay from the same test date. Some campuses may recommend SAT Subject Tests for specific majors.
INDEPENDENT STUDY: A BRIGHT IDEA

STUDENTS CAN ACCESS INDEPENDENT STUDY AT EITHER ESCONDIDO, ORANGE GLEN HIGH OR SAN PASQUAL HIGH SCHOOLS. THE INDEPENDENT STUDY PROGRAM IS OFFERED OUT OF THE LEARNING CENTERS LOCATED AT THESE HIGH SCHOOLS.

Under the direction of specially trained staff, students enrolled in Independent Study receive the advantages of individualized study and may choose to engage in traditional classes or campus programs within their desired areas of interest. This flexible program opens the door for advanced learning in areas such as lab sciences and career technical education or the chance to serve on the school newspaper, explore careers from culinary arts to graphic design, or participate in a wide variety of athletic programs.

The Escondido Union High School District Independent Study Program Offers:

- Flexible Schedules
- College Prep Curriculum
- Ability to take Campus Courses
- High Standards for Student Performance and Accountability
- Participation in the Guaranteed College Admissions Program (MAP) to CSUSM
- Access to School Activities and Sports
- On Line Learning
- A Self-Paced Program
- Individualized Learning
- Highly Qualified Specially Trained Teachers
- Extended Hours
- A Variety of Electives
- Free or Low Cost Internet Access at Home*
- Laptop Computer Check Out for Home Use*

*For Qualifying Students

For more information, see your student’s school counselor or call EUHSD at (760) 291-3200.

NEED CREDITS?

Our Campus Online program provides high quality, individually designed credit recovery and credit acceleration opportunities. Campus Online maintains an environment that is personalized and supportive. With computer-assisted instruction as its foundation, students can choose from over 70 core and elective courses. Students can adjust their pacing within their courses to meet their individual learning needs and goals with the oversight of their specifically trained, qualified teachers.
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*Course is repeatable

** Pending student enrollment

NOTE: Course offerings subject to change.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
FULL QUALIFIER

- Complete 16 core courses
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

ACADEMIC REDSHIRT

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

FULL QUALIFIER:
College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

ACADEMIC REDSHIRT:
College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

NON-QUALIFIER:
College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

International Students Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.
College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

**CORE-COURSE REQUIREMENT**

Complete 16 core courses in the following areas:

- **MATH** (Algebra I or higher) - 2 years
- **ENGLISH** - 3 years
- **Natural/Physical Science** (including one year of lab, if offered) - 2 years
- **Additional** (English, math or natural/physical science) - 3 years
- **Additional Courses** (Any area listed to the left, foreign language or comparative religion/philosophy) - 4 years
- **Social Science** - 2 years

**FULL QUALIFIER**

- Complete 16 core courses
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II sliding scale (see back page).
- Graduate high school.

**PARTIAL QUALIFIER**

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

---

Full Qualifier:

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Non-Qualifier:

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

International Students

Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.
Demonstrate proficiency in one or more languages, other than English, through one of the following methods:

A) Pass a foreign language Advanced Placement (AP) examination with a score of 3 or higher.

B) Complete a four-year high school course of study in a foreign language, with an overall GPA of 3.0 or higher.

C) Pass a district-approved test with a score of proficient or higher that meets the level of an AP exam demonstrating proficiency in reading, writing, and speaking.

D) Pass the SAT II foreign language examination with a score of 600 or higher.

In addition to the previous requirements, if the primary language of the student is other than English, he or she shall demonstrate English proficiency on the English Language Proficiency Assessments for California (ELPAC), or any successor English language proficiency assessment, while in K-12.

WHY SHOULD I GET THE “CALIFORNIA STATE SEAL OF BILITERACY”?
The seal will go on your diploma proving your bilingualism. It will enhance your resume and college applications, and help you achieve your college and career goals.
The Escondido Union High School District strives to provide students with a variety of instructional experiences during high school. This course description book contains courses offered throughout the district. Students and parents should review their individual school’s Course Selection Sheet/s for specific courses offered at their school during the 2020-2021 school year.

The following information is subject to change based on new adoptions. Please visit the Escondido Union High School District website at www.euhsd.org for the most up-to-date information.

*Not every course listed in this district wide course description book is offered at every school site.*

*Specific course work for Del Lago Academy is available by visiting the counseling office at Del Lago.
### AGRICULTURAL ECONOMICS
3123 (P)

- **Length:** 1 Semester
- **College Prep:** Yes
- **Grades:** 12
- **Credits:** 5
- **Repeatable For Credit:** No
- **Required Prerequisite:** Students Must Complete 20 Units Of Agriculture Coursework
- **Recommended Prerequisite:** Teacher Recommendation
- **Meets UC/CSU G Requirements**
- **Meets EUHSD Economics Requirement**

In addition to studying Economics in grade twelve, students will also master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro and macroeconomics, international economics, comparative economic systems, measurement, and methods. This course is designed for advanced study of agriculture business opportunities and economics for the college bound students with interest in agriculture. Through the course, the student will understand and apply basic economic principals as they relate to individual consumers, production agriculture, and agri-business management. The students will develop an Agricultural project and keep accurate Agriculture records of expenses, receipts, and profit/losses.

### AGRICULTURAL GOVERNMENT
3124 (P)

- **Length:** 1 Semester
- **College Prep:** Yes
- **Grades:** 12
- **Credits:** 5
- **Repeatable For Credit:** No
- **Required Prerequisite:** Students Must Complete 20 Units Of Agriculture Coursework
- **Recommended Prerequisite:** Teacher Recommendation
- **Meets UC/CSU G Requirements**
- **Meets EUHSD Government Requirement**

In this course, students will pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents such as the Federalist Papers. The learning standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship. This course is guided by a series of rigorous, relevant project-based learning tasks, which require students to engage in inquiry-based research that includes intensive reading, discussion, and writing as well as collaboration between students and other audiences. Students enrolling in the Agriculture American Government course also participate in coursework focusing on American government how its relationship with the field of agriculture. The “Ag” government course ensures students analyze agriculture and its effects on our government system and the global political landscape. This course is part of a pathway of agriculture coursework designed to further students’ interest in their chosen field of agricultural study.

### AGRICULTURAL ENGINEERING 1 A/B
5711/5712 (P)

- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion or Concurrent Enrollment in Algebra 1 or Math 1 (Integrated) & Enrolled in FFA
- **Meets UC/CSU G Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

Agricultural Engineering 1 is an academically challenging course that integrates mathematics, science, writing, and mechanics. Specific units include using the Ag Mechanics Shop, Measurement, Project Planning, Electricity and Electronics, Plumbing Systems and Water Use, Concrete and Masonry, Arc Welding, Power Mechanics, and Careers. Students will focus on understanding theory of the preceding areas, as well as mastery of application of these theories. Students will exceed core academic knowledge and demonstrate critical thinking skills as they apply their knowledge to projects, real-life scenarios, and case studies. A variety of resources will be accessed (Internet, professional journals, books, and industry professionals) for the purpose of creating written and oral presentations that demonstrate students’ knowledge and ability. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. This class may be articulated with Mt. SAC and students who earn a B or better may receive 3 units of college credit.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
**Discover Agriculture**

**Agricultural Engineering 2 A/B**

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10-12</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Prerequisite: Ag Engineering 1</td>
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<tr>
<td>Meets EUHSD CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Agricultural Engineering 2 is the second class offered in the Mechanized Agriculture Pathway. In this course, students will continue to build on the knowledge and skills gained in the Agricultural Engineering 1. They will also study more advanced fundamentals of mechanical and structural systems and facilities. Students will explore professional opportunities in the field of agricultural engineering. Integral to this will also be the opportunity to participate in activities developed through a student leadership organization. By participating in this program, students will meet College Career Readiness learning outcomes.

**Agricultural Physics A/B**

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10-12</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Bio &amp; Chem Ag</td>
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</tbody>
</table>

This is an Agricultural Physics elective course intended for those students whose interest in agriculture. It covers the study of the atmosphere, heat and mass transfer, and an introduction to soil physics, with emphasis to conditions that enhance crop production. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

**Biology & Sustainable Agriculture A/B**

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Prerequisite: Completion Or Concurrent Enrollment In Algebra 1 Or Math 1 (Integrated)</td>
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</tr>
<tr>
<td>Meets EUHSD Biological Science Requirement Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

This is a yearlong agriculture science course for students participating in the agriculture CTE pathways. The course was designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. Students examine the definition of sustainable agriculture through a study of the environment and the conditions under which humans and the biotic world exist in productive harmony. Each unit of study is framed around an essential question explored through hands on laboratory experiences. Within each unit of study specific science principles will be identified with agricultural principles and practices guiding the acquisition of knowledge. Each semester culminates with the development of a sustainable farm model and portfolio supporting student research. Students are expected to participate in a supervised agriculture experience program as part of their enrollment in this course.

**Chemistry & Agriscience**

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Prerequisite: Completion Or Concurrent Enrollment In Algebra 1 Or Math 1 (Integrated)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Recommended Prerequisite: Biology &amp; Sustainable Agriculture</td>
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</tr>
<tr>
<td>Meets EUHSD Physical Science Requirement Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

This is a yearlong physical and chemical science course that examines content through the study of soil as well as the relationships between soil, plants, animals, and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research project to be conduct throughout the first semester of the course. To complete that whole project, each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in depth research and experimentation paper that is technically written, based on scientific protocols, and cited using APA formatting. Students will also develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Students are expected to participate in a supervised agriculture experience program as part of their enrollment in this course.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**CODING OF COURSES:** (P) COLLEGE PREP, (H) HONORS, (AP) ADVANCED PLACEMENT, (AR) ARTICULATED

<table>
<thead>
<tr>
<th>DISCOVER AGRICULTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANIMAL SCIENCE A/B</strong></td>
</tr>
<tr>
<td>Length: 1 Year</td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
</tr>
<tr>
<td>Meets UC/CSU D Requirements</td>
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<tr>
<td>Pending EUHSD Approval For CTE Requirement Or Elective Credit</td>
</tr>
</tbody>
</table>

Animal Science is designed to develop knowledge and skills in the care and management of livestock. This course will give students technical skills and knowledge in nutrition, selecting, breeding, training and management practices. The course will emphasize scientific methods and laboratory techniques necessary for employment in the livestock industry.

<table>
<thead>
<tr>
<th>VETERINARY SCIENCE A/B</th>
<th>4029/4030 (P) 4029AR/4030AR (AR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
<td>Grades: 11-12</td>
</tr>
<tr>
<td>Required Prerequisite: Animal Science</td>
<td>Credits: 10</td>
</tr>
<tr>
<td>Meets UC/CSU D Requirements</td>
<td></td>
</tr>
<tr>
<td>Meets EUHSD Biological Science Requirement Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Veterinary Science is a course designed to provide students an applied scientific study in the area of animals and veterinary care. This course focuses on the application of animal anatomical and physiological knowledge to the maintenance and improvement of animal health to include; clinical diagnosis of disease and parasites, administration of medications, and common surgical procedures. Biological applications will include studies in cells, genetics, evolution, and ecology as they pertain to the animal/veterinary field. The feline dissection and various other livestock specimens will serve as a supplemental lab practicum throughout the duration of this course. Each unit includes a clinical practice component at the conclusion to put the knowledge learned into a real veterinary clinical situation. Additional emphasis will be placed on industry practices to include office procedures, public relations and communications, laboratory skills. Veterinary Science courses impart information about the causes, diagnosis, and treatment of diseases and injuries of animals, typically emphasizing domestic and farm animals. Course topics focus on anatomy and physiology, nutrition, behavior, and reproduction, sanitation, and use of veterinary supplies and equipment. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. This class may be articulated with Mt. SAC and students who earn a B or better may receive 3 units of college credit.

<table>
<thead>
<tr>
<th>ART &amp; HISTORY OF FLORAL DESIGN A/B</th>
<th>7949/7950 (P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>Meets UC/CSU F Requirements</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

The Art of Floral Design provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempera, pencil, flowers, tile, and a variety of papers. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore the connections, relations, and application to visual arts design. Students will research and study floral trends to understand and develop an appreciation for floral design within historical and cultural, formal and casual, ceremonial and traditional, including an understanding that floral designs are affected by society, culture, history, politics, and economic influence. Various assignments based on abstract two and three-dimensional designs, historical culture and theory, color theory, and analytical critiques of various floral art works using design vocabulary in conjunction with development of technical skills in floral art will serve as a foundation for more complex works such as multi-part floral designs and creative expression through wedding consultations.

<table>
<thead>
<tr>
<th>FLORICULTURE (ADV) A/B</th>
<th>7951/7952 (P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>Repeatable For Credit: Yes*</td>
<td>Grades: 10-12</td>
</tr>
<tr>
<td>Required Prerequisite: Art &amp; History Of Floral Design Or Teacher approval</td>
<td></td>
</tr>
<tr>
<td>Meets UC/CSU G Requirements</td>
<td></td>
</tr>
<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

The Advanced Floriculture course allows students to apply an advanced artistic approach to floral design as well as incorporate the essential components of plant science, advanced business and leadership skills, and the industry components outlined for a capstone course in an Ornamental Horticulture or Agriculture course of study. Students will expand on the elements and principles of design learned in course one. The Art and History of Floral Design as well as their experiences in a variety of other agriculture or science courses. Students will read, write, research, and apply learning through individual, group, and laboratory experiences. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.
### ADVANCEMENT VIA INDIVIDUAL DETERMINATION

#### AVID 1 A/B  | 5854/5855 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9</th>
<th>Credits: 10</th>
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<tbody>
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<td>Repeatable For Credit: No</td>
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<tr>
<td>Required Prerequisite: Application Process – Minimum 2.0 GPA; Average Or Above Standardized Test Scores, Especially In Math; High Motivation; Positive Attitude; Parent Contract.</td>
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<tr>
<td>Meets UC/CSU G Requirements</td>
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<tr>
<td>Meets EUHSD Designated College Prep Requirement Or Elective Credit</td>
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*(Four-Year option)*

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success; it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by the AVID Center. Students engage in tutor-facilitated study groups, activities, and tasks, which strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID 1, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. Students will prepare for and participate in college entrance and placement exams, while refining study skills, test taking, note taking, and research techniques.

#### AVID 2 A/B  | 5856/5857 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Required Prerequisite: AVID 1</td>
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<tr>
<td>Meets UC/CSU G Requirements</td>
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<tr>
<td>Meets EUHSD Designated College Prep Requirement Or Elective Credit</td>
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*(Four-Year option)*

AVID 2 continues to build on the previous course and focuses on students’ academic and social-emotional success and well-being. While students are concurrently enrolled in their core content classes, the AVID program continues to help them become successfully integrated into the culture and activities of the school while also preparing them to participate in the activities and assessments that lead to college preparation and acceptance.

#### AVID 3 A/B  | 5858/5859 (P)

<table>
<thead>
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<th>College Prep: Yes</th>
<th>Grades: 11</th>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Required Prerequisite: AVID 2</td>
<td></td>
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<tr>
<td>Meets UC/CSU G Requirements</td>
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<tr>
<td>Meets EUHSD Designated College Prep Requirement Or Elective Credit</td>
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</tbody>
</table>

*(Four-Year option)*

AVID 3 builds on AVID courses 1 and 2 and shifts students from planning to enter college to beginning to take specific steps to prepare for college acceptance. Like all AVID courses, this class helps students succeed in both their current academic program while also preparing them for the important steps they need to take to be prepared for college and career in their junior year.

#### AVID SENIOR SEMINAR A/B  | 5910/5911 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 12</th>
<th>Credits: 10</th>
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<tbody>
<tr>
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<tr>
<td>Required Prerequisite: AVID 3</td>
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<tr>
<td>Co-Requisite: Enrollment In At Least One Honors Or Advanced Placement Course</td>
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<tr>
<td>Meets UC/CSU G Requirements</td>
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<tr>
<td>Meets EUHSD Designated College Prep Requirement Or Elective Credit</td>
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</table>

*(Four-Year option)*

The AVID Senior Seminar is the culmination of a student’s years in the AVID program. The course involves substantial critical reading and writing, preparation for external exams such as Advanced Placement, International Baccalaureate, and weekly Socratic Seminars. Students enrolled in the Senior Seminar are required to complete weekly timed writings and analytical discourses in subjects across the curriculum. In addition, students are required to make oral presentations to the class on topics related to college entrance, contemporary issues and social concerns. Senior Seminar students are expected to participate in and eventually act as moderators for Socratic Seminars. These discussions move beyond didactic instruction and assist students in gaining multiple perspectives on texts, supporting arguments with clear reasoning and evidence, and developing their critical thinking skills to the degree necessary for success in college. Senior Seminar students are required to produce an extended, reflective essay focusing on one of their areas of study such as Mathematics, Science, History, English, or World Language.
**THE FOLLOWING AVID PROGRAM WILL BE USED AT ORANGE GLEN HIGH SCHOOL ONLY. PLEASE NOTE THESE COURSES ARE NOT UC/CSU APPROVED.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code(s)</th>
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<tbody>
<tr>
<td>AVID I A/B</td>
<td>5980/5981</td>
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<tr>
<td>AVID II A/B</td>
<td>3136/3137</td>
</tr>
<tr>
<td>AVID III A/B</td>
<td>6597/6598</td>
</tr>
<tr>
<td>AVID IV A/B</td>
<td>6595/6596</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Required Prerequisite: Application Process – Minimum 2.0 GPA; Average Or Above Standardized Test Scores, Especially In Math; High Motivation; Positive Attitude; Parent Contract.

Not UC/CSU Approved

Meets EUHSD Designated College Prep Requirement Or Elective Credit

**(Four-Year option)**

The ninth through twelfth grade AVID course is an elective class for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually, as well as in tutor-led groups. Note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities, career awareness information, and cultural appreciation.
**CODING OF COURSES:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**CODING OF COURSES: (P) COLLEGE PREP, (H) HONORS, (AP) ADVANCED PLACEMENT, (AR) ARTICULATED**

### CONSTRUCTION 1 A/B 6464/6465W (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Prerequisite:** None
- **Meets UC/CSU G Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

Construction 1 is a first year college prep course offering students a career pathway into the in-demand building industry. This course is designed to provide students with technical and practical experience in basic residential and commercial construction through hands-on lab experiences and inquiry based learning, and applied practice of field skills. Topics of study will include cement foundation design and construction, framing and roofing techniques, the plumbing system, and an introduction to electricity. Competencies in this course are aligned with the California Common Core State Standards and the California Career Technical Education Model Curriculum Standards. This is the first course in a pathway of courses designed to engage students and develop college and career readiness skills within the building and construction trades industry sector.

### CONSTRUCTION 2 A/B 6466/6467 (P)
- **Length:** 1 Year
- **College Prep:** No
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Construction 1
- **Meets UC/CSU G Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

Construction 2 is a college prep course preparing students for careers or post-secondary education in the building industry. This course is a hands-on, practical, and technical class engaging students in professional level skills utilized in the residential and commercial construction field. Students will apply knowledge and skills acquired in Construction 1 to an understanding of zoning and building codes, electrical wiring, schematics and drawings, materials, framing, green technology, measurement systems, and an introduction to sustainable building concepts. Additionally, through project-based learning, students will develop their teamwork, time management, and project management skills. Competencies in this course are aligned with the California Common Core State Standards and the California Career Technical Education Model Curriculum Standards.

### WOOD 1 A/B 6449/6450 (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Prerequisite:** None
- **Meets UC/CSU G Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

Wood 1 is an entry-level course offering students an opportunity to build foundational entry-level skills to students with limited and/or no experience in woodworking. Students learn about the safety, use, and maintenance of basic wood shop tools and procedures and participate in a series of demonstration activities that illustrate proper selection and use of woodworking tools. Students interpret and follow step-by-step procedures for the completion of a variety of projects according to industry specifications. They will research, identify, and use specific wood products in their project designs. Students will demonstrate competence in the construction process by completing their projects according to industry rubrics. Students will showcase their projects to industry experts and will receive feedback on their designs.

### WOOD 2 A/B 6451/6452 (P) 6451AR/6452AR (AR)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Recommended Prerequisite:** Wood 1
- **Meets UC/CSU G Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

Wood 2 is an intermediate level course offered to students with moderate experience in woodworking. This course builds on students' knowledge of safety, systems, tools, procedures and processes to successfully create individual projects acquired in year 1. It also provides learning opportunities for students interested in preparing for careers in cabinet construction and wood products. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.
**ENGINEERING AND ARCHITECTURE INDUSTRY SECTOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
<th>Repeatable For Credit: Yes*</th>
<th>Prerequisite: C or better in Wood 2</th>
<th>Meets EUHSD Fine Arts, CTE Requirement Or Elective Credit</th>
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</thead>
<tbody>
<tr>
<td><strong>ADVANCED WOOD A/B</strong></td>
<td>6453/6454 (P)</td>
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<tr>
<td><strong>ADVANCED ARCHITECTURAL DESIGN A/B</strong></td>
<td>6462/6463 (P)</td>
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Advanced Wood is the advanced course in EUHSD's woodworking pathway and falls under the Building and Construction Trades Pathway. This course is designed to further the student's knowledge and skills in furniture design and construction in the field of woodworking. In addition to developing skills in design and advanced woodworking techniques, students will select and construct a major/technically advanced piece and/or group of well-designed, functional furniture pieces. Projects range from chairs, tables, desks, dressers, cabinets, and buffets to grandfather clocks and stringed instruments. The class focuses on an occupational information concept, providing students with not only skills and abilities to succeed at entry-level jobs, but the attitudes of safety and managerial habits necessary to be successful in both a classroom and working environment. The course is repeatable for fourth year students who may focus on special projects and advanced study. This course is open to students who have demonstrated the pre-requisite habits of mind and the critical thinking and woodworking skills necessary to successfully complete advanced woodworking projects. Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

This course provides students with the foundational concepts required for pursuing career pathways in the Architecture Sector. This is a concentrator course designed to assist students with the designing, drawing and reading of architectural plans prior to enrolling in the more advanced architectural course. In this course, students learn about the history of architecture, industry-related careers, basic architectural design/drawing skills, lettering, architectural styles and forms, proper scaling, and site planning and design. As their final project, students are required to draft a set of architectural drawings for a small single-family residence using the tools, concepts, and skills they acquire throughout the course of the year. The skills and content knowledge help prepare students for the next course in the pathway, Advanced Architectural Design. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

### Advanced Architectural Design

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10-12</th>
<th>Credits: 10</th>
<th>Repeatable For Credit: Yes*</th>
<th>Recommended Prerequisite: Architectural Design</th>
<th>Meets EUHSD Fine Arts, CTE Requirement Or Elective Credit</th>
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<tbody>
<tr>
<td><strong>PRE-ENGINEERING &amp; DESIGN A/B</strong></td>
<td>4592/4593 (P)</td>
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<tr>
<td><strong>4592AR/4593AR (AR)</strong></td>
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The Advanced Architectural Design course builds on the concepts and skills of the concentrator course Architectural Design. As the pathway capstone, this course allows students to confront sophisticated design problems, create individually designed projects, and engage in two overarching projects, which incorporate the industry standard concepts, skills, and best practices. The class includes tasks that require students to switch between computer generated and hand drawn architectural design applications. The overarching projects allow students to design and create architectural plans that allow them to experience authentic industry-aligned processes from beginning to end. The work of the course requires students to both analyze and evaluate building design drawings including proper scaling and rudimentary building components in site-specific conditions, but also design and draft a set of their own architectural drawings that build on their previous knowledge and experience. Additional supplemental events and activities related to the course such as engaging with local business and professionals are included and help build on the knowledge and skills of the course and provide practical industry related experiences. The course also includes the communication and leadership skills along with other skills as delineated in the CTE Anchor Pathway Standards. Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

### Engineering and Architecture Industry Sector

This course provides students with a foundation in the Engineering and Architecture Parkway with an emphasis on engineering and design. Students engage in instructional experiences that integrate academic and technical preparation and emphasize career awareness, exploration, and exposure focused on employment in the fields of civil engineering, industrial engineering, and architecture. This course provides preparation in the design process, research and analysis, collaborative project-based work flow practices, effective communication methods, technical documentation, and a variety of other industry related concepts and skills. Specific technical practices include but are not limited to introductory technical sketching and drawing, measurement and statistics, dimension and tolerance design, advanced modeling, reverse engineering, visual analysis, functional and structural analysis, and product improvement by design. In addition to acquiring professional and technical skills, students also research and explore the positive and negative impacts of the industry on society and the environment and how specific challenges may be addressed through engineering and design application. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
### Advanced Culinary Arts & Restaurant Management A/B

**Course Code:** 3518/3519 (P) 3518AR/3519AR (AR)

**Length:** 1 Year  
**College Prep:** Yes  
**Grades:** 10-12  
**Credits:** 10  

**Repeatable For Credit:** No  

**Recommended Prerequisite:** C Or Better In Culinary Arts & Food Science  

**Meets UC/CSU G Requirements**

**Meets EUHSD CTE Requirement Or Elective Credit**

This is a capstone course in a sequence of career technical education courses in the Food Service and Hospitality pathway. Students will participate in a variety of advanced level hands on tasks and longer projects that serve to assist them in demonstrating competency in all phases of food service and food production. Through a variety of individual and group assignments, students will demonstrate their learning of a variety of topics, included but not limited to, the study of stocks, sauces and soups, meat, poultry, fish and seafood, appetizers, plating, garnishing and presentation. Students will complete a safety test to assure that they are ready to participate fully in the course utilizing a variety of culinary arts equipment. Students will apply their skills and techniques learned in class to a variety of service and catering opportunities. This class may be articulated with Mesa College and students who earn a B or better may receive 3 units of college credit.

### Advanced Foods International Cuisine

**Course Code:** 5060/5061 (P)

**Length:** 1 Year  
**College Prep:** Yes  
**Grades:** 10-12  
**Credits:** 10  

**Repeatable For Credit:** No  

**Required Prerequisite:** Completion Of Algebra 1 Or Math 1, Biology & Culinary Arts & Food Science  

**Recommended Prerequisite:** Completion Of Advanced Culinary Arts & Restaurant Management  

**Meets UC/CSU G Requirements**

**Meets EUHSD CTE Requirement Or Elective Credit**

Students enrolled in International Cuisine participate in a hands-on course of study that builds upon the previous two years of Culinary Arts coursework within the EUHSD. Students will participate in both individual and group tasks that explore the preparation and production of foods from throughout the world. Students will study cuisines and cultural understandings as well as the heritage and historical context from Asia, the Mediterranean, Latin American, Europe, and regional American locations. In a lab-based environment, students learn and demonstrate culinary arts skills used within various geographic regions around the world. Students explore the traditions, customs, techniques, culinary tools, and major ingredients within specific cuisines. This course is aligned to the CA Career Technical Education Standards and students will complete a variety of reading, writing, speaking/listening tasks during the course.

### Exploring Computer Science A/B

**Course Code:** 0888/0889 (P)

**Length:** 1 Year  
**College Prep:** Yes  
**Grades:** 9-12  
**Credits:** 10  

**Repeatable For Credit:** No  

**Prerequisite:** None  

**Meets UC/CSU G Requirements**

**Meets EUHSD CTE Requirement Or Elective Credit**

Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programing within the context of problems that are relevant to the lives of today’s students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.

### AP Computer Science Principles A/B

**Course Code:** 0895/0896

**Length:** 1 Year  
**College Prep:** Yes  
**Grades:** 10-12  
**Credits:** 10  

**Repeatable For Credit:** No  

**Recommended Prerequisite:** Algebra 1 Or Math 1, (Integrated) And English 9  

**Meets UC/CSU D Requirements**

**Meets EUHSD CTE Requirement Or Elective Credit**

AP Computer Science Principles course is designed to be equivalent to a first-semester, introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.
AP COMPUTER SCIENCE A A/B 0891/0893
Length: 1 Year  College Prep: Yes  Grades: 10-12  Credits: 10
Repeatable For Credit: No
Recommended Prerequisite: Algebra 1 Or Math 1 (Integrated) And English 9
Meets EUHSD CTE Requirement Or Elective Credit
AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is comparable with many CS1 courses in colleges and universities.

MANUFACTURING 1 A/B 6443/6444 (P)
Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 10
Repeatable For Credit: No
Recommended Prerequisite: None
Meets EUHSD CTE Requirement Or Elective Credit
Manufacturing 1 allows students to continue to learn about and engage in the skills and activities related to the Manufacturing and Product Development Career Pathway. In Manufacturing 1, students continue to explore a variety of manufacturing processes; they deepen their understanding and skills through a variety of hands-on experiences with a variety of industry related tools and develop new skills and competencies related to manufacturing. As in the previous course, students design, create, present, and evaluate their own work and the work of their classmates. Students will continue to work on joining and fastening materials through welding, the use of polymers and other bonding agents, and engage in the collaborative and leadership activities related to these tasks. As in the previous course, students must take and pass a safety test in order to utilize classroom tools and participate in a lab-based classroom setting. This course continues to make connections between students and local manufacturers and includes activities such as hearing from guest speakers and the use of a variety of hands-on, industry related networking opportunities in order to expose students to the various careers within the industry.

MANUFACTURING 2 A/B 6445/6446 (P)
Length: 1 Year  College Prep: Yes  Grades: 10-12  Credits: 10
Repeatable For Credit: No
Required Prerequisite: Grade Of C Or Better In Manufacturing 1
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit
Manufacturing 2 provides intermediate-level training in Manufacturing occupations. Building on previous skills acquired in Manufacturing 1, students will gain the skills to earn industry credentials from the National Institute for Metalworking Skills (NIMS) on the vertical milling machine, engine lathe, and surface grinder. They will also receive an introduction to Computer Aided Design (CAD) via Solidworks and Computer Aided Machining (CAM). In the course, students will learn how to create industry-level drawing and design, using Computer Aided Design (CAD) software and convert their drawings to G- and M- code machining language using Computer Aided Machining (CAM) software. Students will have the opportunity to earn industry credentials from the National Institute for Metalworking Skills (NIMS) on the CNC vertical milling machine and CNC lathe. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

ADVANCED MANUFACTURING A/B 6447/6448 (P)
Length: 1 Year  College Prep: Yes  Grades: 10-12  Credits: 10
Repeatable For Credit: Yes*
Required Prerequisite: Grade Of C Or Better In Manufacturing 2
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit
Advanced Manufacturing provides advanced-level training in Manufacturing occupations. Building on skills acquired in previous Manufacturing coursework, students will become fully proficient in operating CNC mills and lathes. Students will learn how to create industry-level drawing using Computer Aided Design (CAD) software and convert their drawings to G- and M- code machining language using Computer Aided Machining (CAM) software. Students will have the opportunity to earn industry credentials from the National Institute for Metalworking Skills (NIMS) on the CNC vertical milling machine and CNC lathe. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.
MANUFACTURING AND PRODUCT DEVELOPMENT INDUSTRY SECTOR

<table>
<thead>
<tr>
<th>MANUFACTURING 1 A/B</th>
<th>6443/6444 (P)</th>
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<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
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<tr>
<td>Grades: 9-12</td>
<td>Credits: 10</td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
</tr>
</tbody>
</table>

Recommended Prerequisite: None

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Manufacturing 1 allows students to continue to learn about and engage in the skills and activities related to the Manufacturing and Product Development Career Pathway. In Manufacturing 1, students continue to explore a variety of manufacturing processes; they deepen their understanding and skills through a variety of hands-on experiences with a variety of industry related tools and develop new skills and competencies related to manufacturing. As in the previous course, students design, create, present, and evaluate their own work and the work of their classmates. Students will continue to work on joining and fastening materials through welding, the use of polymers and other bonding agents, and engage in the collaborative and leadership activities related to these tasks. As in the previous course, students must take and pass a safety test in order to utilize classroom tools and participate in a lab-based classroom setting. This course continues to make connections between students and local manufacturers and includes activities such as hearing from guest speakers and the use of a variety of hands-on, industry related networking opportunities in order to expose students to the various careers within the industry.

MANUFACTURING 2 A/B | 6445/6446 (P)

Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10

Repeatable For Credit: No

Required Prerequisite: Grade Of C Or Better In Manufacturing 1

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Manufacturing 2 provides intermediate-level training in Manufacturing occupations. Building on previous skills acquired in Manufacturing 1, students will gain the skills to earn industry credentials from the National Institute for Metalworking Skills (NIMS) on the vertical milling machine, engine lathe, and surface grinder. They will also receive an introduction to Computer Aided Design (CAD) via Solidworks and Computer Aided Machining (CAM). Instruction covers the following areas: safety in the workplace, precision measurement, vertical MIG, Arc, Oxy-Act, and Flux-cored, and TIG welding, Oxy-Fuel cutting, layout and design, grinding/finishing, tool making and sharpening, sawing/cutting, threading, drill presses, press brake, sheet metal, forge, fabrication, lathe, vertical mill, and Computer Numeric Controlled machining. Print reading, technical math instruction, and an introduction to Computer Assisted Design and Machine Systems are also part of the course. Students use equipment such as measuring and layout tools, welding and metal working machines, drill presses, saws, lathes, vertical mills and computer numerical controlled machines. This course continues to provide students with a variety of hands-on, industry related networking opportunities in order to expose students to the various careers within the industry.

ADVANCED MANUFACTURING A/B | 6447/6448 (P)

Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10

Repeatable For Credit: Yes*

Required Prerequisite: Grade Of C Or Better In Manufacturing 2

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Advanced Manufacturing provides advanced-level training in Manufacturing occupations. Building on skills acquired in previous Manufacturing coursework, students will become fully proficient in operating CNC mills and lathes. Students will learn how to create industry-level drawing using Computer Aided Design (CAD) software and convert their drawings to G- and M-code machining language using Computer Aided Machining (CAM) software. Students will have the opportunity to earn industry credentials from the National Institute for Metalworking Skills (NIMS) on the CNC vertical milling machine and CNC lathe. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
### WELDING AND METAL FABRICATION 1 A/B 6360/6361 (P) 6360AR/6361AR (AR)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Welding and Metal Fabrication 1 provides entry-level and upgrade training for employment in the welding field. Jobs in the welding industry are in hard facing heavy equipment and structural steel. Areas of instruction include, gas, arc, MIG and TIG welding. Students use equipment, which includes oxyacetylene welding and cutting equipment, electric welding machines, cutoff saws and shears. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

### WELDING AND METAL FABRICATION 2 A/B 6362/6363 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Required Prerequisite: Grade Of C Or Better In Welding And Metal Fabrication 1

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

This two-semester second year course provides training for employment in the welding field. Jobs in the welding industry are in hard facing heavy equipment and structural steel. Areas of instruction include, gas, arc, MIG and TIG welding. Students use equipment, which includes oxyacetylene welding and cutting equipment, electric welding machines, cutoff saws and shears.

### WELDING AND METAL FABRICATION 3 A/B 6364/6365 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Required Prerequisite: Grade Of C Or Better In Welding And Metal Fabrication 1 & 2

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Welding and Metal Fabrication 3 is a two-semester third year class and the “capstone” course of the Manufacturing and Product Development Career Pathway. Students who complete this course have completed the pathway requirements and have attained practical, marketable skills and certifications making them uniquely prepared to enter post-secondary welding and metal fabrication preparation programs and jobs. Students at this level don’t just follow industry practices but lead other students by demonstrating their exemplary understanding of workplace safety and collaboration in a functional lab-based instructional setting. In addition to welding and metal fabrication skills and content knowledge, this course continues to provide project-based experiences that develop the unique leadership and critical thinking skills that jobs in this competitive industry require. Students add to their understanding regarding the history of welding and fabrication and develop a practical understanding of today’s processes in order to look forward to emerging technologies and applications in the field. Students complete sophisticated projects using advanced techniques that require the use of equipment such as gas, arc, MIG and TIG welding machines as well as plasma and oxyacetylene cutting equipment; they then apply advanced tests on their products and respond to feedback by revising their work to meet industry specific standards to receive certifications. The course culminates with students describing in detail their portfolio of work and presenting it along with samples to real audiences and for real purposes such as local fairs and trade shows.
**Printing & Graphics 1 A/B 5079/5080 (P) 5079AR/5080AR (AR)**

| Length: 1 Year | College Prep: Yes | Grades: 9-12 | Credits: 10 |

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

Printing & Graphics 1 is the first of three courses in the CTE pathway, "Manufacturing and Product Development." It provides entry-level knowledge and practical training in the digital printing/screen printing and graphics industry. The following skills are geared towards the acquisition and development of the basic foundational skills necessary to go into the second year of the program. Instruction covers the following: An overview of graphic communications, exploring the history and theory of mass communication, communication models including: safety, graphic design process (research, thumbnails, rough drafts, proofs, and final product), desktop/electronic publishing, digital printing, camera, screen preparation, screen printing, binding and finishing and work place skills. Students operate equipment, which includes the practical art of using computer page layout and illustration programs, and the fine art of creating their own work through the computer (illustration or photo applications) or by hand, and incorporating it with other media, printing to .pdf, digital press, and/or video and the web. Students will learn perception through the Gestalt principles of design. Students will learn and understand how to establish a clear visual message using Adobe Creative Suite as well as customer service skills (written and verbal), and print shop operations. Approximately 180 hours are needed to complete the course. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

**Page Layout & Design 1 A/B 5081/5082 (P) 5081AR/5082AR (AR)**

| Length: 1 Year | College Prep: Yes | Grades: 10-12 | Credits: 10 |

Repeatable For Credit: No
Required Prerequisite: Printing & Graphics 1
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

Page Layout and Design 1 is the second in the sequence of three courses in the Graphic Production Technologies CTE pathway. It provides training in the Printing and Graphics Technology field in the specific area of page layout and design. The following skills are geared towards the acquisition and development of the basic foundational skills necessary to go into the third year of this program. Instruction covers the following: An overview of electronic document design and page layout, electronic composition, along with text and graphics entry with computers. Students will learn the essential principles to utilizing design and type including: the four principles that are necessary for all design projects (proximity, contrast, alignment, and repetition), how to recognize when you are not using good design principles, and how to apply the principles to create excellent page layouts. Students will be working with categories of type, color, and combining typefaces for maximum impact; document readability, legibility and punctuation; letter, line, and paragraph spacing; and special characters. Students will take an in-depth look at Adobe InDesign. Students will learn necessary bindery equipment skills including how to set up a full bleed. Students will create a two-color screen print. Students will design a marketing package containing a variety of items, based on the business and what visual message they want to send to the consumer. Some of these items are business cards, letterhead & envelopes, flyers, newsletters, brochures, postcards, newspaper ads, and interactive PDF’s. Each requires some elements in common, as well as specific editing depending on the item (example: photographs for a website require a different resolution and size that a photograph that will be framed.) Students will learn when to utilize RGB and/or CMYK color, depending on the output. Students will create artwork and colors separations, culminating with screen-printing using multiple colors. Students will learn how and when to use a heat press. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.
Screen Printing 1 is the capstone course in the three year CCTE. Manufacturing and Product Development course sequence pathway. Students will incorporate the advanced skills of 2-4 color screen printing using their own original creations designed using the most current Adobe Creative Suite applications: Illustrator, Photoshop, and InDesign. Each student group will develop a portfolio relative to a specific business utilizing industry standards providing a marketing plan, logo development, business cards, marketing brochures, a coordinating screen-printed business sign, and t-shirt. Students will complete both individual and group projects, and will showcase their work in small teams. Students will show project development from start to finish including hand sketches, thumbnails, rough drafts, and finished products throughout the course. There is an internship requirement of three hours; either in the District Printing Services or another approved business. All students must complete a digital resume and cover letter as well as a college/career research project. Students will complete both individual and group projects, and will showcase their work in small teams. Students will show project development from start to finish including hand sketches, thumbnails, rough drafts, and finished products throughout the course. Their digital portfolio and a ten- minute group business project oral presentation displaying and explaining their marketing pieces will culminate this course. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

Auto Technology 2 is the second course in a sequence of courses within the Transportation Industry Sector and the Systems, Diagnostics, Service, and Repair Career Pathway. The course was written to align to the skills and competencies outlined within the California Model Career Technical Education Standards. As a second year course, students will work both independently and in small and large group settings where they will participate in a variety of performance based tasks that build upon the skills and competencies in year 1. Both classroom and hands-on lab experiences are designed to cover maintenance, electrical systems, lubrication expectations, and cooling and fuel systems. Students will continue to explore a variety of automotive systems; including brakes, steering and suspension, front-end alignment, power train and air conditioning, etc. This course is designed as part of an automotive technology pathway designed to assist students in meeting college and career readiness skills in the transportation industry sector. Students will also continue to enhance their career portfolio, which will include ongoing development of a professional resume.

Advanced Auto Technology is the third course in a sequence of courses within the Transportation Industry Sector and the Systems, Diagnostics, Service, and Repair Career Pathway. The course was written to align to the skills and competencies outlined within the California Model Career Technical Education Standards. As a third year course, students will, independently and in small group settings, participate in a variety of performance based tasks that build upon the skills and competencies acquired in years 1 and 2. Students will continue to enhance their knowledge of the transportation industry and the careers, education and certification requirements that lead to college and career readiness. Students will receive rigorous training on advanced electrical systems, advanced use of the global impact of the industry, advanced diagnoses and repair of refrigeration system components, troubleshooting OBDBI and OBDDI system capabilities, advanced training, diagnoses, and repair of emission controls systems, and advanced training, diagnoses, and repair of drive trains and axles. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.
### DISCOVER ENGLISH LANGUAGE ARTS

#### ENGLISH 9 A/B (HONORS NOT WEIGHTED)

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<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9</th>
<th>Credits: 10</th>
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<td>3256/3257 (H)</td>
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- Repeatable For Credit: No
- Prerequisite: None
- Meets UC/CSU B Requirements

#### ENGLISH 10 A/B (HONORS NOT WEIGHTED)

<table>
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<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 10</th>
<th>Credits: 10</th>
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<tr>
<td></td>
<td>2811/2814 (P)</td>
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<td>3258/3259 (H)</td>
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- Repeatable For Credit: No
- Recommended Prerequisite: English 9
- Meets UC/CSU B Requirements

#### ENGLISH 11 A/B

<table>
<thead>
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<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11</th>
<th>Credits: 10</th>
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<td>7624/7625 (P)</td>
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- Repeatable For Credit: No
- Recommended Prerequisite: English 9 & 10
- Meets UC/CSU B Requirements

#### ENGLISH 12 CSU EXPOSITORY READING & WRITING COURSE A/B (ERWC)

<table>
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<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 12</th>
<th>Credits: 10</th>
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<td>7591/7592 (P)</td>
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- Repeatable For Credit: No
- Recommended Prerequisite: English 9, 10 & 11 or AP English Language
- Meets UC/CSU B Requirements

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**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
AP ENGLISH LANGUAGE & COMPOSITION A/B 1752/1753

Length: 1 Year  College Prep: Yes  Grades: 11-12  Credits: 10

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU B Requirements

Meets EUHSD English Requirement

AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP ENGLISH LITERATURE & COMPOSITION A/B 1760/1761

Length: 1 Year  College Prep: Yes  Grades: 11-12  Credits: 10

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU B Requirements

Meets EUHSD English Requirement

AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

JOURNALISM (BEGINNING) A/B 2850/4454 (P)

Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 10

Repeatable For Credit: No

Recommended Prerequisite: C Or Better In English

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Beginning Journalism will introduce students to the various media skills necessary to produce a newspaper. Units will include Ethics of Journalism; Understanding News; Gathering News; Newspaper Style; Writing News Leads; Writing News Stories; Getting and Writing Interviews; Writing Feature Stories; Writing Sports Stories; Writing Editorials/Opinions; Reporting In-Depth; Broadcasting the News; Editing Copy; Photojournalism; Writing Headlines; Preparing and Selling Advertising; History of Journalism; Making up and Page Layout; Vocabulary; Production of the School Newspaper.

JOURNALISM (ADVANCED) A/B 3481/4455 (P)

Length: 1 Year  College Prep: Yes  Grades: 10-12  Credits: 10

Repeatable For Credit: Yes*

Recommended Prerequisite: Beginning Journalism

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Advanced Journalism will take students beyond the basics of Beginning Journalism in order not only to create a school paper but also to think critically about it. Units will include the following: News Gathering; Writing; Design and Layout; Financing; Social Responsibility; and Impact of the School Newspaper. Advanced Journalists’ responsibilities will include mentoring beginning staff members, taking on at least one leadership role (page editor, copy editor, editorial board member, accounts manager, advertising manager, etc.), teaching beginning concepts to beginning journalists through group work/presentations, entering/applying for at least one contest or scholarship per semester, analyzing visual and print media, completing a semester portfolio demonstrating competence in each area of news writing and photojournalism, and overseeing the preparation and finalizing of each issue of the paper. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.
ENGLISH LANGUAGE DEVELOPMENT

**ELD 1 A/B**

| 3 PERIOD BLOCK | (BLOCK 1) | 1208/1209 | (BLOCK 2) | 1229/1230 |
|               | (BLOCK 3) | 1258/1259 |

Length: 1 Year  College Prep: No  Grades: 9-12  Credits: 30
Repeatable For Credit: Yes  * Pending District Approval
Prerequisite Placement Based On Multiple Measures
Co-Req: MUST BE ENROLLED IN ALL 3 SECTIONS
Not UC/CSU Approved
Meets EUHSD Elective Credit

English Language Development 1 curriculum is written to provide students with the requisite skills necessary to meet the California State Standards for ELD grades 9/10 or 11/12 and meet the learning outcomes expressed in the College and Career Readiness standards. ELD courses emphasize cross-disciplinary and meaningful interactions with complex texts, intellectually rich tasks, and others called for in the CA CCSS for ELA/Literacy. As outlined in the CA ELA/ELD Framework, the CA CCSS in ELA/Literacy and the CA ELD Standards are inextricably linked in their conception and realization in California classrooms. ELD courses support students accessing high quality content curriculum and maintaining steady progress toward developing advanced levels of English. Students will be taught in ways that further students’ development of their skills, abilities, and knowledge in literacy, language, and the specific area of study. Students will demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade appropriate informational and literary resources and will utilize technology to research, publish, upload and share work with their fellow students. Students will develop the habits of mind to reflect, respond, and communicate about a variety of topics and issues.

ELD 1 is designed to build skills necessary for transition into ELD 2 and eventually mainstream ELA coursework. The course is aligned to the CA 9-12 ELD standards at the emerging level.

Students are enrolled for three class periods and receive fifteen elective credits for each semester. Students in this course do not receive English Language Arts credit. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**ELD 2 A/B**

| (2 PERIOD BLOCK) | 7909/7910 |
|                 | 7911/7912 (SUPPORT) |

Length: 1 Year  College Prep: No  Grades: 9-12  Credits: 10 ELA 10 Elective
Repeatable For Credit: Yes  * Pending District Approval
Prerequisite Placement Based On Multiple Measures
Co-Req: MUST BE ENROLLED IN SUPPORT
Not UC/CSU Approved
Meets EUHSD English Requirement & Elective Credit

English Language Development 2 curriculum is written to provide students with the requisite skills necessary to meet the California State Standards for ELD grades 9/10 or 11/12 and meet the learning outcomes expressed in the College and Career Readiness standards. ELD courses emphasize cross-disciplinary and meaningful interactions with complex texts, intellectually rich tasks, and others called for in the CA CCSS for ELA/Literacy. As outlined in the CA ELA/ELD Framework, the CA CCSS in ELA/Literacy and the CA ELD Standards are inextricably linked in their conception and realization in California classrooms. ELD courses support students accessing high quality content curriculum and maintaining steady progress toward developing advanced levels of English. Students will be taught in ways that further students’ development of their skills, abilities, and knowledge in literacy, language, and the specific area of study. Students will demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade appropriate informational and literary resources and will utilize technology to research, publish, upload and share work with their fellow students. Students will develop the habits of mind to reflect, respond, and communicate about a variety of topics and issues. ELD 2 is designed to build skills necessary for transition into ELD 3 and mainstream ELA coursework. The course is aligned to the CA 9-12 ELD standards at the expanding level. Students are enrolled for two class periods and receive five elective credits and five EUHSD English Language Arts credits for each semester. This course is NOT UC approved. Students will receive local English Language Arts credit. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
### DISCOVER ENGLISH LANGUAGE ARTS

#### ELD 3 INTENSIVE A/B (2 PERIOD BLOCK) 7885/2411 (P) 7913/7915 (SUPPORT)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10 ELA 10 Elective</th>
</tr>
</thead>
</table>

- Repeatable For Credit: Yes * Pending District Approval
- Prerequisite Placement Based On Multiple Measures
- Co-Req: MUST BE ENROLLED IN SUPPORT
- Meets UC/CSU B Requirements
- Meets EUHSD English Requirement & Elective Credit

English Language Development 3 intensive curriculum is written to provide students with the requisite skills necessary to meet the California State Standards for ELD grades 9/10 or 11/12 and meet the learning outcomes expressed in the College and Career Readiness standards. ELD courses emphasize cross-disciplinary and meaningful interactions with complex texts, intellectually rich tasks, and others called for in the CA CCSS for ELA/Literacy. As outlined in the CA ELA/ELD Framework, the CA CCSS in ELA/Literacy and the CA ELD Standards are inextricably linked in their conception and realization in California classrooms. ELD courses support students accessing high quality content curriculum and maintaining steady progress toward developing advanced levels of English. Students will be taught in ways that further students’ development of their skills, abilities, and knowledge in literacy, language, and the specific area of study. Students will demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade appropriate informational and literary resources and will utilize technology to research, publish, and upload and share work with their fellow students. Students will develop the habits of mind to reflect, respond, and communicate about a variety of topics and issues.

ELD 3 is the EUHSD capstone ELD course and is designed to build skills necessary for transition into mainstream ELA coursework. The course is aligned to the CA 9-12 ELD standards at the bridging level.

Students are enrolled for two class periods and receive five elective credits and five EUHSD English Language Arts credits for each semester. This course is UC approved. In order to receive UC ELA B credit, students MUST complete the full year of ELD 3 intensive with a grade of C or better. Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

#### ELD MATH LITERACY A/B 8776/8777

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

- Repeatable For Credit: No
- Prerequisite None
- Not UC/CSU Approved
- Meets EUHSD Elective Credit

ELD Math Literacy is designed to enhance students’ language fluency and build mathematics numeracy and is aimed specifically at students identified as English Language Learners (ELs) and/or, more specifically, students with interrupted formal education (“SIFE”). Students will explore mathematics content through a variety of learning experiences based on the latest best practices and pedagogical research with the goal of helping to ensure they acquire the requisite concepts and skills to be successful when they enroll in the Math 1 course. Throughout this course students participate in small and whole group tasks promoting ‘math talk’ in order to build the array of interpersonal and collaborative skills and habits of mind that will help ensure their success. A key focus of the course is to equip students with the formal academic language to support their mathematical understanding and overall language skills with the larger goal of effective college and career preparation.

#### LANGUAGE & CULTURE A/B 6531/6532

<table>
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<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
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</thead>
</table>

- Repeatable For Credit: No
- Prerequisite Placement Based On Multiple Measures
- Not UC/CSU Approved
- Pending EUHSD Board Approval For EUHSD Elective Credit

Language and Culture Support is designed for Students with Interrupted Formal Education (SIFE) newcomer English Learners. This course is a general elective focusing on Foundational Literacy Skills and English Language Development through a study of basic American civics, career exploration, educational planning, community resources, culture and identity, and an intro to core content. The goal is to prepare students for a smooth assimilation into US schools with the basic tools and skills to be successful in high school and beyond.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
EUHSD INTEGRATED MATH

The Integrated Mathematics curriculum includes attention to each of the Eight Standards for Mathematical Practice. Instructional materials and classroom experiences provide students with a rich array of resources and technology designed to support student mastery of state standards and both procedural and conceptual understanding while building essential 21st Century skills designed for college and career readiness.

**MATH 1 A/B**  
Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10

Repeatable For Credit: No  
Prerequisite: None  
Meets UC/CSU C Requirements  
Meets EUHS SD Mathematics Requirement

Math 1 is the first of an integrated and investigative mathematics program designed to use patterns, modeling, and conjectures to build student understanding and competency in mathematics. The Math 1 course is designed to formalize and extend student understanding of linear functions and their applications. The critical areas of focus include: extending understanding of numerical manipulation to algebraic manipulation; (2) synthesizing understanding of function; (3) deepening and extending understanding of linear relationships; (4) applying linear models to data that exhibit a linear trend; (5) establishing criteria for congruence based on rigid motions; (6) applying the Pythagorean Theorem to the coordinate plane. The Math 1 curriculum addresses each of the conceptual categories outlined by the California Common Core State Standards for Mathematics: number and quantity, algebra, functions, geometry, statistics and probability, and modeling.

**MATH 2 A/B (HONORS NOT WEIGHTED)**  
Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10

Repeatable For Credit: No  
Recommended Prerequisite: Completion Of Math 1 Or Algebra 1  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement

Math 2 is the second of an integrated and investigative mathematics program designed to use patterns, modeling, and conjectures to build student understanding and competency in mathematics. The Math 2 course is designed to formalize and extend student understanding of Algebra and Functions, Geometry and Trigonometry, Statistics and Probability, and Discrete Mathematics. The critical areas of focus include: extending understanding of functions and equations; using matrices as models for solving problems; developing understanding of coordinate methods for representing and analyzing geometric shapes; extending understanding of relationships between two quantitative variables; introducing and developing student ability in modeling and optimization problems using vertex-edge graphs; developing understanding of trigonometric functions; and extending understanding of probability topics. The Math 2 curriculum addresses each of the conceptual categories outlined by the California Common Core State Standards for Mathematics: number and quantity, algebra, functions, geometry, statistics and probability, and modeling.

**MATH 3 WITH PRECALCULUS**  
**2271/2272 (P)**  
**2287/2288 (H)**

Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10

Repeatable For Credit: No  
Recommended Prerequisite: Completion Of Math 1 & Math 2 Or Algebra 1 & Geometry  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement

Math 3 with Precalculus is the third of an integrated and investigative mathematics program designed to use patterns, modeling, and conjectures to build student understanding and competency in mathematics. The Math 3 with Precalculus course is designed to formalize and extend student understanding of Algebra and Functions, Geometry and Trigonometry, Discrete Mathematics, and prepare students for Calculus in the fourth year. The critical areas of focus include: mathematical reasoning in various contexts; linear programming as a tool for problem-solving; extending understanding of congruence and similarity of geometric shapes; extending understanding of functions to include polynomial, rational, inverse and trigonometric functions; symmetry of circles and circular motion; and developing student understanding of sequential change more fully. The Math 3 with Precalculus curriculum addresses the conceptual categories outlined by the California State Standards for Mathematics: number and quantity; algebra, functions, geometry, and modeling.

EUHSD HONORS MATH

Traditionally, honors course work is defined by a course you take. In the EUHSD Mathematics courses, our focus is to personalize the pursuit of honors work and to focus on the work produced by students. We are providing students with the opportunity to contract for honors consideration. This means that students who elect to participate and then produce honors level work will receive honors credit. This honors designation is open to all students in Math 1, Math 3 with Statistics, Math 3 with Precalculus, and Math 4. Only Math 3 with Precalculus is the third of an integrated and investigative mathematics program designed to use patterns, modeling, and conjectures to build student understanding and competency in mathematics. The Math 3 with Precalculus course is designed to formalize and extend student understanding of Algebra and Functions, Geometry and Trigonometry, Statistics and Probability, and Discrete Mathematics. The critical areas of focus include: extending understanding of functions and equations; using matrices as models for solving problems; developing understanding of coordinate methods for representing and analyzing geometric shapes; extending understanding of relationships between two quantitative variables; introducing and developing student ability in modeling and optimization problems using vertex-edge graphs; developing understanding of trigonometric functions; and extending understanding of probability topics. The Math 3 curriculum addresses each of the conceptual categories outlined by the California Common Core State Standards for Mathematics: number and quantity, algebra, functions, geometry, statistics and probability, and modeling.

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Honors work can best be described as a product that shows a student delved more deeply into methodology, structure, and/or theory, addressed more sophisticated questions, and satisfies the standards with greater rigor. The content of an honors assignment can be either broader in scope or deeper in examination than in a comparable assignment.

*Math 2, 3, and 4 Honors courses will be the “Opt-in” model, taught within the same classroom. We will not be registering any students for these courses until after the beginning of the school year. Students who opt in to honors will be required to sign a contract, as will their parents.*

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
MATH 3 WITH STATISTICS A/B  
(HONORS NOT WEIGHTED)  
2261/2262 (P)  
2285/2286 (H)  
Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Completion Of Math 1 & Math 2  
Or Algebra 1 & Geometry  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement  
Math 3 with Statistics is the third of an integrated and investigative mathematics program designed to use patterns, modeling, and conjectures to build student understanding and competency in mathematics. The Math 3 with Statistics course is designed to formalize and extend student understanding of Algebra and Functions, Geometry and Trigonometry, Statistics and Probability, and Discrete Mathematics. The critical areas of focus include: mathematical reasoning in various contexts; linear programming as a tool for problem-solving; extending understanding of congruence and similarity of geometric shapes; investigating and understanding variability in data sets; extending understanding of functions to include polynomial, rational, and inverse functions; symmetry of circles and circular motion; and developing student understanding of sequential change more fully. The Math 3 with Statistics curriculum addresses each of the conceptual categories outlined by the California State Standards for Mathematics: number and quantity, algebra, functions, geometry, statistics and probability, and modeling.

MATH 4 A/B  
(HONORS WEIGHTED)  
2265/2266 (P)  
2269/2270 (H)  
Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Completion Of Math 1, Math 2 & Math 3 Or Algebra 1, Geometry & Algebra 2  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement  
Math 4 continues the preparation of students for college mathematics. In Course 4, formal and symbolic reasoning strategies, the hallmarks of advanced mathematics, are developed as complements to more intuitive arguments and numerical and graphical approaches to problems developed in Courses 1-3. The mathematical content and 11 units in course 4 allows considerable flexibility in tailoring a course to best prepare students for undergraduate programs. A sequence of units in Course 4 is recommended for students intending to pursue programs in the mathematical, physical, and biological sciences, or engineering. The Math 4 curriculum addresses each of the conceptual categories outlined by the California State Standards for Mathematics: number and quantity, algebra, functions, geometry, statistics and probability, and modeling.

AP STATISTICS A/B  
2909/2910  
Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Math 3 Or Algebra 2  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement  
AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

AP CALCULUS A/B  
3414/5163 (AB)  
2881/2882 (BC)  
Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Math 3 Or Algebra 2  
Meets UC/CSU C Requirements  
Meets EUHSD Mathematics Requirement  
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. 

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.
**DISCOVER NON-DEPARTMENTAL COURSES**

**ASSOCIATED STUDENT BODY (ASB) A/B 5474/5475**

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: Yes *</td>
<td></td>
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<td></td>
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<tr>
<td>Required Prerequisite: Application Process</td>
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<tr>
<td>Meets EUHSD Elective Credit</td>
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</table>

This course is designed to combine classroom instruction with leadership training in practical school situations. It provides student leaders with the opportunity to study the basic concepts of democratic government, techniques of leadership, meeting skills, group dynamics and the principles of human behavior. It affords students the opportunity to work with peers of diverse backgrounds and attitudes, to share responsibility with other students and adults. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**COLLEGE AND CAREER READINESS 1154**

<table>
<thead>
<tr>
<th>Length: 1 Semester</th>
<th>College Prep: No</th>
<th>Grades: 9</th>
<th>Credits: 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Not UC/CSU Approved</td>
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</table>

The focus of College and Career Readiness is to equip students with the requisite skills to prepare them for the world of college and career. Students will engage in a variety of in class discussions, group projects, and information from guest speakers all designed to help them learn the foundational skills necessary for academic success. The course concentrates on activities and content that enables a more trans-disciplinary approach to learning, knowledge that helps students compete in a global learning environment while attaining 21st Century Skills necessary for academic and career success. Students will study learning skills, literacy skills, and inquiry skills as they complete a variety of projects designed to sharpen those skills.

**WORK EXPERIENCE 8400**

<table>
<thead>
<tr>
<th>Length: 1 Semester</th>
<th>College Prep: No</th>
<th>Grades: 11-12</th>
<th>Credits: 5-10 Per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: Yes Up To A Maximum Of 10 Credits Per Semester</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Prerequisite: None</td>
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<td></td>
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<tr>
<td>Not UC/CSU Approved</td>
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</tbody>
</table>

Meets EUHSD CTE Requirement Or Elective Credit

Work Experience course is designed for students who are presently employed and wish to receive elective credit through course participation while employed in an EUHSD Work Experience approved position. The Work Experience coursework is aligned to the 2008 California Association of Work Experience Educators standards and some of the California English Language Arts grade 9 & 10 standards. The course provides students with opportunities to integrate supervised paid or unpaid employment in an approved field or occupation and weekly classroom instruction. A major emphasis in the course is to assist students in developing desirable work habits and attitudes while employed in real jobs. The job held by the student need not be related to his or her future and/or present occupation goal(s). Through the on-the-job experience, students will learn how to work with and for other people. You must be currently employed and at least 16 years old.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
DISCOVER PHYSICAL EDUCATION

PHYSICAL EDUCATION
HIGH SCHOOL COURSE 1 A/B 7104/7105

Length: 1 Year  College Prep: No  Grades: 9  Credits: 10
Repeatable For Credit: No
Prerequisite: None
Not UC/CSU Approved
Meets EUHSD Physical Education Requirement

PE Course 1 is designed to give all students an opportunity to learn and practice the essential elements of health and fitness through a comprehensive sequentially planned Physical Education program in accordance with the California Model Content Standards and implementation Framework for Physical Education. In the course, students are empowered to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. This course is designed to provide essential information and skill development in all eight (8) P.E. priority areas per the CA P.E. Framework for California Public Schools. Units of instruction include introduction to physical education, fitness (including fitness technology), the effects of body movement on dynamic health, the mechanics of body movement, aquatics, gymnastics and tumbling, individual and dual activities, introduction to rhythms and dance, team sports, combatives, social and emotional fitness well-being and overall health literacy. In accordance with EUHSD Board Policy and the California Department of Education, all students must take and meet the Healthy Fitness Zone requirement for 5 out of 6 identified Physical Fitness Test. All students in Course 1 take part in the FitnessGram assessment to demonstrate PFT requirements.

PHYSICAL EDUCATION
HIGH SCHOOL COURSE 2 A/B 7106/7107

Length: 1 Year  College Prep: No  Grades: 10  Credits: 10
Repeatable For Credit: No
Prerequisite: None
Not UC/CSU Approved
Meets EUHSD Physical Education Requirement

PE Course 2 is designed to build upon the skills and activities introduced and developed in Course 1 as well as provide an extended focus on specific priority areas. Students in Course 2 will participate in health and fitness activities through a comprehensive sequentially planned physical education program aligned to the California Physical Education State Standards. Students will be empowered to make choices, meet challenges, and enhance their growing understanding of ‘fitness for life’. In accordance with the EUHSD Board Policy and the California Department of Education, students will participate in the Healthy Fitness Zone testing requirements for 5 out of 6 identified fitness skills.

11TH-12TH GRADE PHYSICAL EDUCATION 5391

Length: 1 Semester  College Prep: No  Grades: 11-12  Credits: 5
Repeatable For Credit: Yes*
Prerequisite: None
Not UC/CSU Approved
Meets EUHSD Physical Education Requirement

The theme for the 11th/12th grade physical education student is “Students Select Activities for the Pursuit of Individual Excellence”. The designed curriculum will provide opportunities for students to select activities in which they will continue to specialize. Students will be encouraged to apply their knowledge of exercise physiology, planning and pursuing life styles conducive to maintaining optimum health. The 11th and 12th grade program is designed to promote a student’s positive self-image, develop socially desirable skills and create opportunities for leadership among their peers. “Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.

AEROBICS 2525

Length: 1 Semester  College Prep: No  Grades: 9-12  Credits: 5
Repeatable For Credit: Yes*
Prerequisite: None
Required Co-Requisite: 9th Grade Must Be Co-Enrolled In PE Course 1
Not UC/CSU Approved
Meets EUHSD Elective Credit
May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

The Aerobics Course will develop strength, flexibility, agility and cardiovascular endurance through a program of exercise, and aerobic activities. Nutritional information may be provided to enhance a student’s overall conditioning program. "Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.

BASKETBALL 2530

Length: 1 Semester  College Prep: No  Grades: 9-12  Credits: 5
Repeatable For Credit: Yes*
Prerequisite: None
Required Co-Requisite: 9th Grade Must Be Co-Enrolled In PE Course 1
Not UC/CSU Approved
Meets EUHSD Elective Credit
May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

The Basketball course is designed to teach basic shooting, passing, dribbling, and rebounding skills along with elementary offensive, defensive and team fundamentals. "Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
## FOOTBALL

<table>
<thead>
<tr>
<th><strong>Course</strong></th>
<th><strong>Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
<td>2572</td>
</tr>
</tbody>
</table>

- **Length:** 1 Semester
- **College Prep:** No
- **Grades:** 9-12
- **Credits:** 5
- **Repeatable For Credit:** Yes*
- **Prerequisite:** None
- **Required Co-Requisite:** 9th Grade Must Be Co-Enrolled In PE Course 1
- **Not UC/CSU Approved**
- **Meets EUHSD Elective Credit**
- **May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy**

*The Football course will increase strength, size, and speed of individuals needing to be in competitive football program. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.*

## SOCCER

<table>
<thead>
<tr>
<th><strong>Course</strong></th>
<th><strong>Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Soccer</td>
<td>8796</td>
</tr>
</tbody>
</table>

- **Length:** 1 Semester
- **College Prep:** No
- **Grades:** 9-12
- **Credits:** 5
- **Repeatable For Credit:** Yes*
- **Prerequisite:** None
- **Required Co-Requisite:** 9th Grade Must Be Co-Enrolled In PE Course 1
- **Not UC/CSU Approved**
- **Meets EUHSD Elective Credit**
- **May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy**

*The Soccer course is designed to teach basic techniques of the game, the positions, the rules, the strategy and actual skills. Emphasis will be on developing the fundamentals in performing throwing, fielding, catching, pitching, batting and base running skills. These skills will be practiced in a variety of drills and adapted games and demonstrations of the proper techniques will be used constantly. The course will also promote social development through team competition and will also involve emotional skills of students. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.*

## SOFTBALL

<table>
<thead>
<tr>
<th><strong>Course</strong></th>
<th><strong>Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Softball</td>
<td>2690</td>
</tr>
</tbody>
</table>

- **Length:** 1 Semester
- **College Prep:** No
- **Grades:** 9-12
- **Credits:** 5
- **Repeatable For Credit:** Yes*
- **Prerequisite:** None
- **Required Co-Requisite:** 9th Grade Must Be Co-Enrolled In PE Course 1
- **Not UC/CSU Approved**
- **Meets EUHSD Elective Credit**
- **May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy**

*The Softball course is designed to teach basic techniques of the game, the positions, the rules, the strategy and actual skills. Emphasis will be on developing the fundamentals in performing throwing, fielding, catching, pitching, batting and base running skills. These skills will be practiced in a variety of drills and adapted games and demonstrations of the proper techniques will be used constantly. The course will also promote social development through team competition and will also involve emotional skills of students. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.*

## VOLLEYBALL

<table>
<thead>
<tr>
<th><strong>Course</strong></th>
<th><strong>Code</strong></th>
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</thead>
<tbody>
<tr>
<td>Volleyball</td>
<td>2760</td>
</tr>
</tbody>
</table>

- **Length:** 1 Semester
- **College Prep:** No
- **Grades:** 9-12
- **Credits:** 5
- **Repeatable For Credit:** Yes*
- **Prerequisite:** None
- **Required Co-Requisite:** 9th Grade Must Be Co-Enrolled In PE Course 1
- **Not UC/CSU Approved**
- **Meets EUHSD Elective Credit**
- **May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy**

*Volleyball is offered as both an elective class taught both indoors and outdoors. The course will develop hand-eye coordination, conditioning, ability, rules, strategies, sportsmanship and competitive team play. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.*
### WEIGHT TRAINING & CONDITIONING 2784

<table>
<thead>
<tr>
<th>Length: 1 Semester</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: Yes*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Co-Requisite: 9th Grade Must Be Co-Enrolled In PE Course 1</td>
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<tr>
<td>Not UC/CSU Approved</td>
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<tr>
<td>Meets EUHSD Elective Credit</td>
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<tr>
<td>May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy</td>
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</tbody>
</table>

Weight Training and Conditioning is a course designed to offer students the opportunity to participate in strength and conditioning programs. The students will also have an opportunity to create and design their own programs. The instructor will guide the students to create their own sound, efficient weight training programs that will meet their specific goals and objectives. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous semester.*
### DISCOVER SCIENCE

#### BIOLOGICAL SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AP BIOLOGY A/B</strong></td>
<td>3657/3658</td>
<td>1 Year College Prep: Yes, Grades: 11-12, Credits: 10, Repeatable: No</td>
</tr>
<tr>
<td><strong>BIOLOGY A/B</strong></td>
<td>3655/3656</td>
<td>1 Year College Prep: Yes, Grades: 9-12, Credits: 10, Repeatable: No</td>
</tr>
<tr>
<td><strong>HUMAN ANATOMY &amp; PHYSIOLOGY A/B (HONORS WEIGHTED)</strong></td>
<td>4630/4631 (P)</td>
<td>1 Year College Prep: Yes, Grades: 11-12, Credits: 10, Repeatable: No, Meets UC/CSU D Requirements, Meets EUHSD Biological Science Requirement</td>
</tr>
<tr>
<td><strong>MARINE BIOLOGY A/B</strong></td>
<td>5965/5966 (P)</td>
<td>1 Year College Prep: Yes, Grades: 10-12, Credits: 10, Repeatable: No, Meets UC/CSU D Requirements, Meets EUHSD Biological Science Requirement</td>
</tr>
</tbody>
</table>

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
### DISCOVER SCIENCE

#### MEDICAL BIOLOGY A/B 3659/3660 (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 1
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Biological Science Requirement**

Medical Biology is a college preparatory laboratory science course aligned to the Next Generation Science Standards. This course is designed to provide students with an understanding of foundational biological concepts through the lens of human biology, public health, and medicine. Students will engage in hands-on inquiry experiments, conduct research, complete simulations, and apply knowledge of biology to explain medical phenomena. Topics include the relationship between science and medicine, cell physiology, genetics, evolution, and ecology with an emphasis on public health.

#### PHYSICAL SCIENCE

#### AP CHEMISTRY A/B 3631/3605
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 2
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

The AP Chemistry course provides students with a foundation to support future advanced course work in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

#### AP ENVIRONMENTAL SCIENCE A/B 4661/4662
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 1
- **Recommended Prerequisite:** Biology & Chemistry
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required understanding the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

#### AP PHYSICS 1 A/B 2857/2858
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 2
- **Recommended Prerequisite:** Physics
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion) kinematics, dynamics, circular motion and gravitation, energy, momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
### DISCOVER SCIENCE

#### AP PHYSICS 2 A/B 6241/6242
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 10-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 2
- **Recommended Prerequisite:** Physics
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore 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.

#### CHEMISTRY A/B 3661/3685 (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 1
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

This introductory course of Chemistry covers the composition of matter and the changes it undergoes. Through hands-on and minds-on performance tasks and key activities, students develop an understanding of the fundamental core ideas, cross-cutting concepts, and science and engineering practices used in chemistry. Topics include chemical bonding, periodicity, atomic & molecular theory, states of matter, conservation laws, organic chemistry, stoichiometry, thermodynamics, solution, chemical equilibria, reaction rates, and nuclear chemistry. Questions on physical and chemical phenomena motivate the laboratory inquiry that students conduct.

#### PHYSICS A/B 3689/3854 (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 1
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

Physics is a yearlong college preparatory lab-based course covering a variety of twenty-first century skills and cross cutting concepts outlined within the California Next Generation Science Standards. Students will participate in a hands-on curriculum that covers the major principles of physics such as mechanics, thermodynamics, waves and optics, electromagnetism, theory of relativity, and quantum mechanics. Students will explore the latest discoveries in physics and complete both short and long term assignments designed to integrate key ideas and concepts. Through scientific inquiry, students will engage in a study of real world ideas and concepts requiring both conceptual and procedural understanding and demonstration of learning.

#### EARTH SYSTEMS A/B 6080/6081 (P)
- **Length:** 1 Year
- **College Prep:** Yes
- **Grades:** 9-12
- **Credits:** 10
- **Repeatable For Credit:** No
- **Required Prerequisite:** Completion Or Concurrent Enrollment In Math 1
- **Meets UC/CSU D Requirements**
- **Meets EUHSD Physical Science Requirement**

The introductory course of Earth Systems is based on the Next Generation Science Standards for California Public Schools. Earth Science is designed to teach students to apply the laws, theories and principles of earth science to everyday phenomena. Earth Science consists of a group of sciences that deal with the Earth and its neighbors in space, including geology, oceanography, meteorology, and astronomy.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
DISCOVER SOCIAL SCIENCE

AMERICAN GOVERNMENT  3464 (P)
Length: 1 Semester  College Prep: Yes  Grades: 12  Credits: 5
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD American Government Requirement

Students in grade twelve pursue a deeper understanding of the institutions of American Government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents such as the Federalist Papers. The learning standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship. This course is guided by a series of rigorous, relevant project-based learning tasks, which require students to engage in inquiry-based research that includes intensive reading, discussion, and writing as well as collaboration between students and other audiences.

AP US GOVERNMENT & POLITICS A/B  4590/4591
Length: 1 Year  College Prep: Yes  Grades: 12  Credits: 10
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD American Government Requirement IF Both Semesters Are Taken With Passing Grades

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Weighted Grading: Only Semester A will receive weighted status for EUHSD students enrolled in this course. EUHSD graduation credit is applied only if student maintains a passing grade in both semesters of the yearlong Advanced Placement course. In order to meet the EUHSD graduation requirement and fulfill the California Content Standards for the course, if student fails either semester A or semester B or drops the course after only one semester, the student must retake the original AP course or enroll in the College Preparatory semester long class.

ECONOMICS  1788 (P)
Length: 1 Semester  College Prep: Yes  Grades: 12  Credits: 5
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD Economics Requirement

The study of twelfth-grade Economics provides students with an opportunity to consider the impact of economic policy and choice on individuals, groups, and institutions. The study of economics allows for the analysis of human behavior and builds student’s ability to make informed decisions based on relevant economic information. Indeed, this course provides rigorous and relevant learning experiences related to the following topics: the analysis of costs and benefits, the trade-offs between consumption, investment, and savings, the availability and allocation of natural resources, the distribution of resources among investors, managers, workers, and innovation, the role of the government in supporting, taxing, and investing in industries, and human and physical capital. Students explore how economic topics and phenomenon such as scarcity, investment, growth, employment, competition, protection, entrepreneurship, and markets affect us in our day-to-day lives. The first part of the course will focus on the fundamental concepts of economics including supply, demand and scarcity. Later topics include the organization of individual businesses and industries, the labor market, the role of government, money, banks, investing and the global economy. The course is aligned with the latest learning standards and frameworks and includes ongoing inquiry-based research, reading, writing, and performance-based tasks.

AP ECONOMICS A/B  6929 (MACRO)  6959 (MICRO)
Length: 1 Year  College Prep: Yes  Grades: 12  Credits: 10
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Economics Requirement IF Both Semesters Are Taken With Passing Grades

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students’ familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students’ familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

EUHSD graduation credit is applied only if student maintains a passing grade in both semesters of the yearlong Advanced Placement course. In order to meet the EUHSD graduation requirement and fulfill the California Content Standards for the course, if student fails either semester A or semester B or drops the course after only one semester, the student must retake the original AP course or enroll in the College Preparatory semester long class.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
### DISCOVER SOCIAL SCIENCE

#### AP EUROPEAN HISTORY A/B  5447/5448
- **Length:** 1 Year  
- **College Prep:** Yes  
- **Grades:** 10-12  
- **Credits:** 10

- **Repeatable For Credit:** No
- **Prerequisite:** None
- **Meets UC/CSU A Requirements**
- **Meets EUHSD World History Requirement**

The AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present.

The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

#### AP HUMAN GEOGRAPHY A/B  2807/2808
- **Length:** 1 Year  
- **College Prep:** Yes  
- **Grades:** 9-12  
- **Credits:** 10

- **Repeatable For Credit:** No
- **Prerequisite:** None
- **Meets UC/CSU A Requirements**
- **Meets EUHSD CTE Requirement Or Elective Credit**

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

#### PSYCHOLOGY A/B  1851/1852 (P)
- **Length:** 1 Year  
- **College Prep:** Yes  
- **Grades:** 11-12 (10th w/ permission)  
- **Credits:** 10

- **Repeatable For Credit:** No
- **Prerequisite:** None
- **Meets UC/CSU G Requirements**
- **Meets EUHSD Elective Credit**

Psychology is the systematic study of behavior and mental processes as well as the factors, which influence them. Psychology encompasses broad areas of research about human behavior. This course will provide students the opportunity to learn about the major areas in the field. The course will tie scientific issues to applications in daily life. Students will become familiar with research methods used by psychologists in order to better understand theory and practice.

#### AP PSYCHOLOGY A/B  1991/1992
- **Length:** 1 Year  
- **College Prep:** Yes  
- **Grades:** 11-12  
- **Credits:** 10

- **Repeatable For Credit:** No
- **Recommended Prerequisite:** Biology Or An Equivalent Course
- **Meets UC/CSU G Requirements**
- **Meets EUHSD Elective Credit**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

#### SOCIOLOGY (INTRODUCTION) A/B  2925/2926 (P)
- **Length:** 1 Year  
- **College Prep:** Yes  
- **Grades:** 11-12  
- **Credits:** 10

- **Repeatable For Credit:** No
- **Recommended Prerequisite:** Biology Or An Equivalent Course
- **Meets UC/CSU G Requirements**
- **Meets EUHSD Elective Credit**

The Sociology course is designed to introduce students to different environment and cultures. The course will assist students in examining cultural relationships and empowering them with strategies for respecting the diverse culture in which we live. Students will reflect on their own and other communities and work together with their peers to create an inclusive classroom environment which will, in turn, lead them through activities designed to address the school, community, and global environment from a sociological prospective.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
### US History A/B 3459/3461 (P)

<table>
<thead>
<tr>
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<th>College Prep: Yes</th>
<th>Grades: 11</th>
<th>Credits: 10</th>
</tr>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
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<td></td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU A Requirements</td>
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</table>

Meets EUHSD US History Requirement

Students in grade eleven study the major turning points in American history in the twentieth century. Following a review of the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. They trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. Emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes in historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the results of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U.S. Constitution are a precious inheritance that depends on an educated citizenry for their preservation and protection.

### World History A/B 3418/3419 (P)

<table>
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<th>Length: 1 Year</th>
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<tr>
<td>Prerequisite: None</td>
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<td></td>
</tr>
<tr>
<td>Meets UC/CSU A Requirements</td>
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</tbody>
</table>

Meets EUHSD World History Requirement

Students in World History study major turning points that shaped the modern world; they study world history from the late-eighteenth century through the present day including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Furthermore, this course is designed to help students extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. This course emphasizes the concept of “thinking and working like a historian” and includes a variety of literacy-intensive project-based learning tasks, which require students to engage in inquiry, research, reading, collaboration, and writing. Students are also encouraged to use technology to enhance and publish their learning and work.

### AP US History A/B 1999/1909

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11</th>
<th>Credits: 10</th>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU A Requirements</td>
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</table>

Meets EUHSD US History Requirement

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and the development of students’ abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance – American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity, change over time, and make comparisons among various historical developments in different times and places. The course also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth.
The Goal Of The Naval Junior ROTC Program Is To Develop Responsible And Informed Citizens And To Encourage Self-Discipline, Patriotism, And A High Degree Of Personal Honor.

Students not residing in the Orange Glen assignment area may be granted an intra-district transfer and will take all classes at Orange Glen. Transportation to and from school will be the students’ responsibility. All uniforms and equipment are provided at no cost to the student.

Credits are awarded to students based on successful completion of NJROTC coursework. Students will work with their OGHS School Counselor to develop a four-year plan and to determine application of NJROTC credits to specific EUHSD graduation requirements. Credits may be applied according to the following EUHSD Board approved guidelines. Students may not apply credit to more than one graduation requirement.

The EUHSD CTE graduation requirement may be met upon successful completion of Naval Science I, II, III, or IV providing the course is not being used to fulfill any other requirement.

**CODING OF COURSES: (P) COLLEGE PREP, (H) HONORS, (AP) ADVANCED PLACEMENT, (AR) ARTICULATED**
Placement in Special Education courses are made by the student’s Individualized Education Program (IEP) team. Please contact your student’s case manager should you have questions about course placements and considerations.

ENGLISH

**ENGLISH 9 A/B SPECIALIZED ACADEMIC INSTRUCTION** 2534/2535

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Prerequisite: None

Not UC/CSU Approved

Meets EUHSD English Requirement

English 9 (SAI) is a modified curriculum written to provide students with the requisite skills necessary to meet the California State Standards grades 9/10 and the learning outcomes expressed in the College and Career Readiness statements. Students will be placed in smaller class sizes to demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade level informational and literary resources and will utilize technology to research, publish, upload and share work with their fellow students. Students enrolled in English 9 SAI are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.

**ENGLISH 10 A/B SPECIALIZED ACADEMIC INSTRUCTION** 2574/2575

<table>
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<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 10</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Recommended Prerequisite: English 9

Not UC/CSU Approved

Meets EUHSD English Requirement

English 10 SAI is modified curriculum and provides students with the requisite skills necessary to meet the California State Standards grades 9/10 and the learning outcomes expressed in the College and Career Readiness statements. Students will demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade level informational and literary resources and will utilize technology to research, publish, upload and share work with their fellow students. Students enrolled in the Basic level of English 10 are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.

**ENGLISH 11 A/B SPECIALIZED ACADEMIC INSTRUCTION** 2703/2704

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 11</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Recommended Prerequisite: English 9 & 10

Not UC/CSU Approved

Meets EUHSD English Requirement

English Language Arts 11 (SAI) is a modified curriculum written to provide students with the requisite skills necessary to meet the California State Standards grades 11/12 and the learning outcomes expressed in the College and Career Readiness statements. Students will be placed in smaller class sizes to demonstrate independence as deliberate readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade level informational and literary resources and will utilize technology to research, publish, upload and share work with their fellow students. Students enrolled in English 11 (SAI) are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.

**ENGLISH 12 SPECIALIZED ACADEMIC INSTRUCTION** 7593/7594

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Prerequisite: English 9, 10 & 11

Not UC/CSU Approved

Meets EUHSD English Requirement

English 12 SAI is a modified curriculum to provide students with a study of expository, analytical, and argumentative reading and writing. Students enrolled in the Basic level of English 12 ERWC are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.

**MATHEMATICS**

**MATH 1 A/B SPECIALIZED ACADEMIC INSTRUCTION** 2251/2252

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Prerequisite: None

Not UC/CSU Approved

Meets EUHSD Mathematics Requirement

The Math 1 SAI course has a modified curriculum designed to formalize and extend student understanding of linear functions and their applications. The critical areas of focus include: extending understanding of numerical manipulation to algebraic manipulation; (2) synthesizing understanding of function; (3) deepening and extending understanding of linear relationships; (4) applying linear models to data that exhibit a linear trend; (5) establishing criteria for congruence based on rigid motions; (6) applying the Pythagorean Theorem to the coordinate plane. Students enrolled in Math 1 SAI are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.
DISCOVER SPECIAL EDUCATION

MATH 2 A/B SPECIALIZED ACADEMIC INSTRUCTION 2259/2260

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: Completion Of Math 1</td>
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<tr>
<td>Not UC/CSU Approved</td>
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</table>

Meets EUHSD Mathematics Requirement

The Math 2 SAI course has a modified curriculum designed to formalize and extend student understanding of Algebra and Functions, Geometry and Trigonometry, Statistics and Probability, and Discrete Mathematics. The critical areas of focus include: extending understanding of functions and equations; using matrices as models for solving problems; developing understanding of coordinate methods for representing and analyzing geometric shapes; extending understanding of relationships between two quantitative variables; introducing and developing student ability in modeling and optimization problems using vertex-edge graphs; developing understanding of trigonometric functions; and extending understanding of probability topics. Students enrolled in the Basic level of Math 2 are placed according to the student’s IEP. This course does not meet UC/CSU requirements; however, it does meet EUHSD graduation requirements.

PHYSICAL EDUCATION

PHYSICAL EDUCATION A/B (ADAPTIVE) 2502/2508

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
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<tr>
<td>Repeatable For Credit: Yes * Based on IEP</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Not UC/CSU Approved</td>
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</table>

Meets EUHSD Physical Education Requirement

This course is for students who are in need of corrective or adapted exercises and activities in accordance with the family physician’s recommendation. Course work and activities are designed around each student’s Individual Educational Program (IEP).

SCIENCE

BIOLOGY A/B SPECIALIZED ACADEMIC INSTRUCTION 2870/2871

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
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</tr>
<tr>
<td>Required Prerequisite: Completion Or Concurrent Enrollment In Math 1</td>
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<tr>
<td>Not UC/CSU Approved</td>
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</table>

Meets EUHSD Biological Science Requirement

The introductory course of Biology (SAI) covers the composition of matter and the changes it undergoes. Through hands-on and minds-on performance tasks and key activities students, develop an understanding of the fundamental core ideas, crosscutting concepts, and science and engineering practices used in Biology. Topics include cells, genetics and biotechnology, ecology, evolution, and human environmental impacts. Questions on physical and chemical phenomena motivate the laboratory inquiry that students conduct.

EARTH SYSTEMS A/B SPECIALIZED ACADEMIC INSTRUCTION 6082/6083

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
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<tbody>
<tr>
<td>Repeatable For Credit: No</td>
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</tr>
<tr>
<td>Required Prerequisite: Completion Or Concurrent Enrollment In Basic Math 1</td>
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<tr>
<td>Recommended Prerequisite: Biology</td>
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</table>

Meets EUHSD Physical Science Requirement

The introductory course of Earth Systems (SAI) is based on the Next Generation Science Standards for California Public Schools. Earth Science is designed to teach students to apply the laws, theories and principles of earth science to everyday phenomena. Earth Science consists of a group of sciences that deal with the Earth and its neighbors in space, including geology, oceanography, meteorology, and astronomy.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
SOCIAL SCIENCE

AMERICAN GOVERNMENT SPECIALIZED ACADEMIC INSTRUCTION 5336

Length: 1 Semester  College Prep: No  Grades: 12  Credits: 5
Repeatable For Credit: No  Prerequisite: None  Not UC/CSU Approved

Meets EUHSD American Government Requirement

Students in grade twelve pursue a deeper understanding of the institutions of American Government (SAI). They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents such as the Federalist Papers. The learning standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship. This course is guided by a series of rigorous, relevant project-based learning tasks, which require students to engage in inquiry-based research, reading, collaboration, and writing. Students are also encouraged to use technology to enhance and publish their learning and work.

ECONOMICS SPECIALIZED ACADEMIC INSTRUCTION 7325

Length: 1 Semester  College Prep: No  Grades: 12  Credits: 5
Repeatable For Credit: No  Prerequisite: None  Not UC/CSU Approved

Meets EUHSD Economics Requirement

Economics (SAI) is a semester-long course with a modified curriculum which invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities.

WORLD HISTORY A/B SPECIALIZED ACADEMIC INSTRUCTION 3196/3198

Length: 1 Year  College Prep: No  Grades: 10  Credits: 10
Repeatable For Credit: No  Prerequisite: None  Not UC/CSU Approved

Meets EUHSD World History Requirement

Students in World History (SAI) study major turning points that shaped the modern world; they study world history from the late eighteenth century through the present day including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Furthermore, this course is designed to help students extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. This course emphasizes the concept of “thinking and working like a historian” and includes a variety of literacy-intensive project-based learning tasks, which require students to engage in inquiry, research, reading, collaboration, and writing. Students are also encouraged to use technology to enhance and publish their learning and work.

US HISTORY A/B SPECIALIZED ACADEMIC INSTRUCTION 3194/3195

Length: 1 Year  College Prep: No  Grades: 11  Credits: 10
Repeatable For Credit: No  Prerequisite: None  Not UC/CSU Approved

Meets EUHSD US History Requirement

Students in grade eleven study the major turning points in American History (SAI) in the twentieth century. Following a review of the nation’s beginnings and the impact of the Enlightenment on U. S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. They trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes in historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents but the results of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U. S. Constitution are a precious inheritance that depend on an educated citizenry for their preservation and protection.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
## DISCOVER VISUAL AND PERFORMING ARTS

### ARTS, ENTERTAINMENT & MEDIA

#### INDUSTRY SECTOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<th>Grades:</th>
<th>Credits:</th>
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<tr>
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<td><strong>ART (INTERMEDIATE) A/B</strong></td>
<td>4173/4174 (P)</td>
<td></td>
<td>Yes</td>
<td>10-12</td>
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<tr>
<td><strong>ART (ADVANCED) A/B</strong></td>
<td>4175/4176 (P)</td>
<td></td>
<td>Yes</td>
<td>11-12</td>
<td>10</td>
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<tr>
<td><strong>AP ART HISTORY A/B</strong></td>
<td>2930/2931</td>
<td></td>
<td>Yes</td>
<td>10-12</td>
<td>10</td>
</tr>
<tr>
<td><strong>CERAMICS (INTRODUCTION) A/B</strong></td>
<td>4178/4179 (P)</td>
<td></td>
<td>Yes</td>
<td>9-12</td>
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<tr>
<td><strong>CERAMICS (INTERMEDIATE) A/B</strong></td>
<td>4180/4181 (P)</td>
<td></td>
<td>Yes</td>
<td>10-12</td>
<td>10</td>
</tr>
</tbody>
</table>

**Repeatable For Credit:**
- No
- Yes

**Prerequisite:**
- None
- Introduction To Art Or Teacher Approval
- Introduction To Art And Intermediate Art Or Teacher Approval
- None

**Meets UC/CSU F Requirements:**
- Yes

**Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit:**
- Yes

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**ART (INTRODUCTION) A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10  
Repeatable For Credit: No  
Prerequisite: None  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
Students will be introduced to the many approaches to drawing, composition, painting, and design. Students will learn and refine their skills through focusing on the different elements and principles of art as well as study the masters throughout art history.

**ART (INTERMEDIATE) A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Introduction To Art Or Teacher Approval  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
Intermediate Art is a continuation of Introduction to Art with more advanced problems in drawing, painting, and design, which may include two and three dimensional design, commercial art, and further emphasis in art history and contemporary art trends.

**ART (ADVANCED) A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 11-12  
Credits: 10  
Repeatable For Credit: Yes*  
Recommended Prerequisite: Introduction To Art And Intermediate Art Or Teacher Approval  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
Advanced Art allows students to pursue intermediate art concepts at a more intense level. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**AP ART HISTORY A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10  
Repeatable For Credit: No  
Prerequisite: None  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

**CERAMICS (INTRODUCTION) A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 9-12  
Credits: 10  
Repeatable For Credit: No  
Prerequisite: None  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
Students taking Introduction to Ceramics will complete an exploration of the basic methods of hand building and the use of the potter's wheel. Form, function, decoration, historical and cultural context will be analyzed. Instruction moves from the development of an art vocabulary and design context, through the creation, glazing and firing of several ceramic projects.

**CERAMICS (INTERMEDIATE) A/B**

Length: 1 Year  
College Prep: Yes  
Grades: 10-12  
Credits: 10  
Repeatable For Credit: No  
Recommended Prerequisite: Introduction To Ceramics  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit  
Intermediate Ceramics is a continuation of Introduction to Ceramics with more advanced problems in methods of forming and decorating clay forms. Kiln design and firing will be studied as well as outside reading and writing relating to ceramic history, studio artists in ceramics, and the ceramic industry.

**Coding of Courses:**  
(P) College Prep,  
(H) Honors,  
(AP) Advanced Placement,  
(AR) Articulated
**DISCOVER VISUAL AND PERFORMING ARTS**

### CERAMICS (ADVANCED) A/B  
3293/4185 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11-12</th>
<th>Credits: 10</th>
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</thead>
<tbody>
<tr>
<td>Repealtable For Credit: Yes*</td>
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<tr>
<td>Recommended Prerequisite: Intermediate Ceramics</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Advanced Ceramics uses the prior two years of ceramics courses as a foundation for students to build upon. While students are introduced to a variety of new processes and techniques, there is a focus on creative expression and aesthetic valuing at a more advanced level than in Beginning or Intermediate Ceramics. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

### DESIGN & MIXED MEDIA I A/B  
6276/6278 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
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<tbody>
<tr>
<td>Repealtable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Design and Mixed Media is a course that is centered on the development of design and on three-dimensional projects. Emphasis is on craftsmanship and knowledge of specific tools and materials. Media exploration is achieved through ceramics, metals, sculpture, printmaking, jewelry making, enameware, etc.

### AP STUDIO ART A/B  
8531/8532 (2-D DESIGN)  
3239/3240 (3-D DESIGN)  
3243/3244 (DRAWING)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11-12</th>
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<tbody>
<tr>
<td>Repealtable For Credit: No</td>
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<tr>
<td>Recommended Prerequisite: Teacher Consultation</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

The AP Program offers three studio art courses and portfolios: Two-Dimensional Design, Three-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios corresponding to the most common college foundation courses: 2-D Design; 3-D Design; Drawing. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design portfolios. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

### DANCE (BEGINNING) A/B  
3493/4201 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
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<tbody>
<tr>
<td>Repealtable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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### DANCE (INTERMEDIATE) A/B  
4198/4199 (P)

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<th>Length: 1 Year</th>
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<tr>
<td>Recommended Prerequisite: Beginning Dance Or Audition</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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### DANCE (ADVANCED) A/B  
3286/3274 (P)

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<th>Credits: 10</th>
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<tbody>
<tr>
<td>Repealtable For Credit: Yes*</td>
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<tr>
<td>Recommended Prerequisite: Intermediate Dance Or Audition</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<td></td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tr>
</tbody>
</table>

May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

Beginning Dance students will be introduced to the history and style of a variety of dance forms such as ballet, modern, jazz, hip-hop, tap, musical theatre, and social dance, as well as gain a better appreciation for all aspects of the art of dance. Emphasis will be placed on fundamental technique as students learn the basics of dance, including warm-ups, across the floor progressions, and center combinations. Students will also learn about self-expression and the creative process through choreography projects. Students gain performance experience by participating in the mandatory Spring Dance Concert.

May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

Students will continue studying the history, style, and influence of a variety of dance forms. Students will continue their study of fundamental technique and expand their choreographic experience in such forms as ballet, jazz, modern, tap, and improvisation. Students will gain performance experience by participating in the mandatory Spring Dance Concert.

May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

Students will build upon their experience in Intermediate Dance by continuing their study of technique, choreography, and production. Students will expand their appreciation of dance history, culture, and influence a variety of dance forms. Students will gain performance and production experience with the opportunity to choreograph for the mandatory Spring Dance Concert. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

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**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>CODES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERFORMANCE DANCE ENSEMBLE A/B</td>
<td>5968/5969 (P)</td>
<td>This course is designed for the highly motivated, focused, and skilled dance students who want to broaden their technique, creative work, and performance experience. Emphasis will be placed on regular public performances. Students will have the opportunity to work with professional choreographers as well as faculty and select students. Advanced concepts in choreography are covered during each unit of study as well as all aspects of production. Content for Performance Dance Ensemble is aligned to the California Visual and Performing Arts content standards. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.</td>
</tr>
<tr>
<td>DRAMA I A/B</td>
<td>1145/1146 (P)</td>
<td>This course is designed as an introduction to the theatre and to performance for beginning students and for students who want to sharpen their basic skills. The class uses a variety of exercises to isolate and develop each of the actor’s physical and interpretive “tools”. Class projects include pantomime, improvisation, character interpretation, two-character scenes, and one-act plays.</td>
</tr>
<tr>
<td>DRAMA II A/B</td>
<td>3893/4194 (P)</td>
<td>Emphasis in Drama II is on preparation of one-act and full-length plays for classroom presentation and study of period acting styles, stage directions, and production techniques. Students will receive ample opportunity to hone their individual acting skills.</td>
</tr>
<tr>
<td>DRAMA (ADVANCED) A/B</td>
<td>3287/3275 (P)</td>
<td>This course emphasizes the production of one-act and full-length plays for presentation to the public. Students will know the jobs of all members of a production company theoretically as well as from practical experience. Students will continue to survey theatre history. It is an activity-centered course and will require participation outside of class. *Students who repeat this course participate in new standards aligned tasks designed to build upon the knowledge and skills from the previous year. *Students who earn a B or better may receive 3 units of college credit.</td>
</tr>
<tr>
<td>STAGECRAFT A/B</td>
<td>3084/3085 (P)</td>
<td>This course is designed for students who desire to study &quot;technical&quot; theatre without participating in an on-stage part of the productions. The class will be primarily concerned with the design and construction of scenery and costumes for the main stage. The class also studies makeup and lighting design, properties construction, and sound effects engineering. Backstage “crewing” of one production is required for successful completion of the class. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.</td>
</tr>
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</table>
### BAND (BEGINNING) A/B  7013/7014 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Required Prerequisite: None

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Beginning Band performs a wide variety of musical styles. The class combines performance/competition preparation with technical and musical instruction at the introductory level. Participation is required for full participation in any co-curricular activities associated with the class. *Students who repeat this course may be delayed until participation as a competing member may be denied enrollment or credit for failure to participate during these sessions; however, participation as a competing member may be delayed until such time as the instructor feels the student is ready.*

### BAND (INTERMEDIATE) A/B  7313/7314 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: No

Required Prerequisite: Audition Or Teacher Approval

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Intermediate Band performs a wide variety of musical styles, and at a more advanced level than Beginning Band. The class combines performance/competition preparation with technical and musical instruction at the intermediate to advanced level. Participation is required for full participation in any co-curricular activities associated with the class.

### BAND (ADVANCED) A/B  7407/7408 (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: Yes*

Required Prerequisite: Intermediate Band Or Teacher Approval

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Advanced Band performs a wide variety of musical styles at a more advanced level than Beginning or Intermediate Band. The class combines performance/competition preparation with technical and musical instruction at the advanced level. Participation is required for full participation in any co-curricular activities associated with the class.

### COLOR GUARD (BAND PAGEANTRY) A/B  3721/3722

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

Repeatable For Credit: Yes*

Required Prerequisite: Audition Or Teacher Approval

Not UC/CSU Approved

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

This class is designed for the pageantry teams associated with the Marching Band (Flag Team, Dance/Drill Team, ID/Banner, Mascots and other associated pageantry members). Emphasis is placed on music and movement analysis, performance preparation and presentation. Membership in a Band Pageantry Team requires dedication and commitment to participate fully in rehearsals, field trips, performances and competitions outside of regular school hours.

The principal focus of Band Pageantry is the presentation of competitive performances by a tall flag and dance/drill team. These activities serve as evaluators of the team’s performance in comparison to other similar programs and in comparison to established standards of excellence and achievement. Because of the course’s competitive nature, preparatory instruction prior to the official opening of school may be scheduled. Participation in these sessions may be required for full participation in co-curricular activities.

In addition to daily class meetings there will be rehearsals and performances held outside the regular class time. As above, no student will be denied enrollment or full credit for failure to participate during these sessions; however, participation as a competing member may be delayed until such time as the instructor feels the student is ready.

CODING OF COURSES: (P) COLLEGE PREP, (H) HONORS, (AP) ADVANCED PLACEMENT, (AR) ARTICULATED
This course is specifically designed to assist the student in the development of technique, fundamental concept of music and musical proficiency. It also offers the opportunity to perform frequently. This course is designed to challenge the student with musical literature, which can be both satisfactorily performed and may serve to develop technique. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Concert Choir A/B**

| Length: 1 Year | College Prep: Yes | Grades: 9-12 | Credits: 10 |

Repeatable For Credit: Yes*

Prerequisite: None

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

**Jazz Ensemble A/B**

| Length: 1 Year | College Prep: Yes | Grades: 9-12 | Credits: 10 |

Repeatable For Credit: Yes*

Required Prerequisite: Audition Or Teacher Approval And Concurrent Enrollment In Marching Band Or Concert Band

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Jazz Band performs a wide variety of jazz styles at an intermediate to advanced level. The class combines performance/competition preparation with technical and musical instruction at the intermediate to advanced level. Membership requires audition or permission from the director and dedication and commitment to participate fully in rehearsals, field trips, performances and competitions outside of regular school hours. An important focus of Jazz Band is the preparation and presentation of public performances. These activities serve as evaluators of class achievement of standards. The course is competitive in nature; thus, preparatory instruction prior to the official opening of school and after school rehearsals may be scheduled. Participation in these activities will be required for full participation in any co-curricular activities associated with the class. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Marching Band**

| Length: 1 Semester | College Prep: No | Grades: 9-12 | Credits: 5 |

Repeatable For Credit: Yes*

Recommended Prerequisite: Prior Experience Playing An Instrument Or Teacher Approval

Not UC/CSU Approved

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

May Satisfy EUHSD Physical Education Requirement According To EUHSD Board Policy

The Marching Band performs a wide variety of musical styles and represents the school at parades, field competitions, football games, pep rallies and other performances. The class combines performance/competition preparation and technical and musical instruction. Membership in the Marching Band requires dedication and commitment to participate fully in rehearsals, field trips, performances and competitions outside the regular school hours. The principal focus of the Marching Band is the preparation and presentation of competitive performances. These activities serve as evaluators of the band’s performance in comparison to other similar programs and in comparison to established standards of musical excellence and achievement. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Guitar A/B**

| Length: 1 Year | College Prep: Yes | Grades: 9-12 | Credits: 10 |

Repeatable For Credit: Yes*

Prerequisite: None

Meets UC/CSU F Requirements

Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Guitar is an instrumental music course designed to benefit students with a wide range of musical backgrounds from introductory students with little or no music/guitar background to advanced students who wish to enhance their skills. Instruction will include tuning, fingering; strum patterns, rhythm patterns, music theory, chord theory, chord progressions, improvisation, and performance skills. Varieties of both pop and classical music will be presented giving the students a basic knowledge of several styles.

An important component of the course is the preparation and presentation of student work in public performance. Public performance activities serve as evaluators of student progress and mastery level of curricular material and concepts. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**DISCOVER VISUAL AND PERFORMING ARTS**

<table>
<thead>
<tr>
<th>AP MUSIC THEORY A/B</th>
<th>3800/3801</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>Credits: 10</td>
<td>Repeatable For Credit: No</td>
</tr>
<tr>
<td>Recommended Prerequisite: Basic Performance Skills In Voice Or An Instrument</td>
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</tr>
<tr>
<td>Meets UC/CSU F Requirements</td>
<td></td>
</tr>
<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tr>
</tbody>
</table>

The AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

<table>
<thead>
<tr>
<th>PIANO A/B</th>
<th>7409/7006 (P)</th>
</tr>
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<tbody>
<tr>
<td>Length: 1 Year</td>
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<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
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<td>Credits: 10</td>
<td>Repeatable For Credit: Yes*</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
<td></td>
</tr>
<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Piano/Keyboard is an instrumental music course designed to benefit students with a wide range of musical backgrounds from introductory students with little or no music/piano background to advanced students who wish to enhance their skills. Instruction will include note reading, rhythm reading, sight-reading, proper posture, fingering, right/left hand coordination, music theory, chord theory, and performance skills. Varieties of both pop and classical music will be presented giving the students a basic knowledge of several styles. Students will learn solo, small ensemble and accompaniment technique. An important component of the course is the preparation and presentation of student work in public performance. Public performance activities serve as evaluators of student progress and mastery level of curricular material and concepts. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

<table>
<thead>
<tr>
<th>PERCUSSION ENSEMBLE A/B</th>
<th>3805/3806</th>
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<tr>
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<tr>
<td>College Prep: No</td>
<td>Grades: 9-12</td>
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<td>Credits: 10</td>
<td>Repeatable For Credit: Yes*</td>
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<tr>
<td>Required Prerequisite: Teacher Approval</td>
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<tr>
<td>Not UC/CSU Approved</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</table>

Percussion Ensemble performs a wide variety of musical styles. The class combines performance/competition preparation with technical and musical instruction at the introductory level through advanced level. Membership requires dedication and commitment to participate fully in rehearsals, field trips, performances, and competitions outside of regular school hours. An important focus of Percussion Ensemble is the preparation and presentation of public performances. These activities serve as evaluators of class achievement of standards. The course is competitive in nature; thus, preparatory instruction prior to the official opening of school and after school rehearsals may be scheduled. Participation in these activities may be required for full participation in any co-curricular activities associated with the class. No student will be denied enrollment or credit for failure to participate during these sessions; however, participation as a competing member may be delayed until the instructor feels the student is ready. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

<table>
<thead>
<tr>
<th>SHOW CHOIR A/B</th>
<th>4005/4006 (P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>Credits: 10</td>
<td>Repeatable For Credit: Yes*</td>
</tr>
<tr>
<td>Required Prerequisite: Audition Or Teacher Approval</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Show Choir is an auditioned, mixed ensemble that combines the movement of dance and singing to perform literature from various selected eras of musical history. In addition to techniques of rehearsal and performance, the student will learn the theory and history of the music performed. The director schedules required performances. Performance attire may be required. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

<table>
<thead>
<tr>
<th>TREBLE CHOIR A/B</th>
<th>4123/4124 (P)</th>
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</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
</tr>
<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>Credits: 10</td>
<td>Repeatable For Credit: Yes*</td>
</tr>
<tr>
<td>Required Prerequisite: Audition Or Teacher Approval</td>
<td></td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Treble Choir is an auditioned all-female ensemble that performs advanced-level literature from various selected eras of musical history. In addition to techniques of rehearsal and performance, the students will learn the theory and history of the music performed. The director schedules required performances. Performance attire may be provided. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
DISCOVER VISUAL AND PERFORMING ARTS

PHOTOGRAPHY I A/B  6358/2507 (P)  6358AR/2507AR (AR)

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<thead>
<tr>
<th>Description</th>
<th>Code 1</th>
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<tbody>
<tr>
<td>Length: 1 Year</td>
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<tr>
<td>College Prep: Yes</td>
<td></td>
<td></td>
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<tr>
<td>Grades: 9-12</td>
<td></td>
<td></td>
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<tr>
<td>Credits: 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Photography I is an introductory yearlong course in black and white photography. This course will provide students with opportunities to gain knowledge and skills in the field of photography. This course will familiarize the student with fundamentals of light, photographic equipment, materials, methods, and processes. The students will also study the concepts of composition and aesthetics. Students will analyze the role and development of photography in past and present cultures throughout the world, noting human diversity and how photography has reflected major historical events in the world. The students will also be introduced to computer technology and digital photography. This class may be articulated with Palomar College and students who earn a B or better may receive 3 units of college credit.

PHOTOGRAPHY II A/B  3295/3296 (P)

<table>
<thead>
<tr>
<th>Description</th>
<th>Code 1</th>
<th>Code 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td></td>
<td></td>
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<tr>
<td>College Prep: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grades: 10-12</td>
<td></td>
<td></td>
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<tr>
<td>Credits: 10</td>
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<td></td>
</tr>
<tr>
<td>Repeatable For Credit: Yes*</td>
<td></td>
<td></td>
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<tr>
<td>Recommended Prerequisite: Photography I</td>
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<td></td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

Photography II is designed for the serious photographer who wants to refine the quality of the pictures taken and processed. Students explore advancements in digital photography, including shooting digital, scanning negatives, manipulating images, enhancing photos, restoration, and printing with photo quality inkjet printers. Exposure is given a high priority. Important photographers, who have impact on the field, are studied. Copy work is learned. Medium and large format cameras are used. Possible careers in or related to, photography are examined. Students are given, as much as possible, a choice to work in the areas of photojournalism, commercial, digital, or experimental photography. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

VIDEO PRODUCTION I A/B  4137/4138 (P)

<table>
<thead>
<tr>
<th>Description</th>
<th>Code 1</th>
<th>Code 2</th>
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</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Prep: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grades: 9-12</td>
<td></td>
<td></td>
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<tr>
<td>Credits: 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
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<tr>
<td>Prerequisite: None</td>
<td></td>
<td></td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</tbody>
</table>

This course provides introductory training in video production and media analysis. Instruction will cover storyboarding, video script writing, field videography, and editing and production terms. By producing short film projects students will learn how to use video production equipment to express their creativity and demonstrate their acquired skills. Students will also explore the history of film and television, and analyze various media sources for creativity and content. In addition, students will become aware of the many job opportunities in the field of electronic media production.

VIDEO PRODUCTION II A/B  4157/4158 (P)

<table>
<thead>
<tr>
<th>Description</th>
<th>Code 1</th>
<th>Code 2</th>
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<td>Length: 1 Year</td>
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<tr>
<td>College Prep: Yes</td>
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<tr>
<td>Grades: 10-12</td>
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<tr>
<td>Credits: 10</td>
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<tr>
<td>Repeatable For Credit: Yes*</td>
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<tr>
<td>Recommended Prerequisite: Video Production I Or Teacher Approval</td>
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<tr>
<td>Meets UC/CSU F Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit</td>
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</table>

This is an advanced course for students interested in expanding their technical, creative, and analytical skills in the field of electronic media production. In addition to producing individual short subject film projects, students will work together, to produce class projects including a video yearbook and a news magazine show. Students will also learn how to work within a live multi-camera studio environment to produce professional looking programs. Lessons and projects will emphasize the acquisition of technical skills, and the development of their appreciation of film as an art form. *Students who repeat this course participate in new standards-aligned tasks designed to build upon the knowledge and skills from the previous year.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
### Discover World Language

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
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<tbody>
<tr>
<td><strong>American Sign Language 1 A/B</strong> 3071/3072 (P)</td>
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<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU E Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or CTE Requirement Or Elective Credit</td>
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<tr>
<td>The study of American Sign Language (ASL) offers students the chance to communicate in, and understand, another language while studying information about the community and culture of the Deaf. Students enrolled in American Sign Language 1 course develop the ability to communicate accurately and effectively in expressive and receptive signing within a range of real life situations. Students are exposed to a variety of learning situations, participating in both small and large group settings and utilizing a variety of technology resources such as the Internet, all of which are designed to increase their understanding of American Sign Language and Deaf culture. Students study the content through exploration of audiovisual resources and Deaf literature (both written and verbal). Students may also attend various school-sponsored field trips, and/or receive information from guest lecturers.</td>
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<tr>
<td><strong>American Sign Language 2 A/B</strong> 3073/3074 (P)</td>
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<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Required Prerequisite: ASL 1 Or Teacher Approval</td>
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<tr>
<td>Meets UC/CSU E Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or CTE Requirement Or Elective Credit</td>
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<tr>
<td>The study of American Sign Language (ASL) offers students the chance to communicate in, and understand, another language while studying information about the community and culture of the Deaf. Students enrolled in American Sign Language 2 course develop the ability to communicate accurately and effectively in expressive and receptive signing within a range of real life situations. The course builds off of the competencies acquired in American Sign Language 1. Students are exposed to a variety of learning situations, participating in both small and large group settings and utilizing a variety of technology resources such as the Internet, all of which are designed to increase their understanding of American Sign Language and Deaf culture. Students study the content through exploration of audiovisual resources and Deaf literature (both written and verbal). Students may also attend various school-sponsored field trips, and/or receive information from guest lecturers.</td>
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<tr>
<td><strong>American Sign Language 3 A/B</strong> 3075/3076 (P)</td>
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<td>Repeatable For Credit: No</td>
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<tr>
<td>Required Prerequisite: ASL 2 Or Teacher Approval</td>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or CTE Requirement Or Elective Credit</td>
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<tr>
<td>American Sign Language 3 is a yearlong course and a continuation of the overview of American Sign Language (ASL) taught in ASL 1 and 2 classes. Intermediate level vocabulary, structure, history, and the Deaf community are the primary focuses. Students will expand their skills in telling narratives in details, use of signs in certain situations, and conversational strategies are emphasized; students will continue to broaden their communication skills through interaction with individuals in the Deaf community. Receptive and expressive practices, conversational behaviors, and various aspects such as political and current issues within the Deaf community will be continued in this course.</td>
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<tr>
<td><strong>French I A/B</strong> 3309/3311 (P)</td>
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<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU E Requirements</td>
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<td>Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit</td>
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<tr>
<td>This is an introduction for students wishing to learn a foreign language. It is designed to develop each of the major communications skills: listening, speaking, reading and writing. Major emphasis is on speaking and understanding and fostering an appreciation of the culture.</td>
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<tr>
<td><strong>French II A/B</strong> 3312/3313 (P)</td>
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<td>Repeatable For Credit: No</td>
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<tr>
<td>Recommended Prerequisite: French I</td>
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<tr>
<td>Meets UC/CSU E Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit</td>
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<tr>
<td>This course is designed to continue the development of the major communication skills: listening, speaking, reading and writing. Students will be able to express themselves at the basic level in present and past tenses. Additional emphasis will focus on reading comprehension in the target language.</td>
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</tbody>
</table>

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
DISCOVER WORLD LANGUAGE

FRENCH III A/B  3314/3315 (P)

- Length: 1 Year
- College Prep: Yes
- Grades: 10-12
- Credits: 10
- Repeatable For Credit: No
- Recommended Prerequisite: French II
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

This course is designed with an in-depth view of the French language. Students will form complex sentence structures and sustain lengthy conversations. Communication skills are developed and enhanced. The course will provide an opportunity for students to gain insights into French-speaking cultures.

AP FRENCH LANGUAGE A/B  1763/1764

- Length: 1 Year
- College Prep: Yes
- Grades: 11-12
- Credits: 10
- Repeatable For Credit: No
- Recommended Prerequisite: French III
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

SPANISH I A/B  3344/3347 (P)

- Length: 1 Year
- College Prep: Yes
- Grades: 9-12
- Credits: 10
- Repeatable For Credit: No
- Prerequisite: None
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

This is an introduction for students wishing to learn a foreign language. It is designed to develop each of the major communication skills: listening, speaking, reading and writing. Major emphasis is on speaking and understanding, and fostering an appreciation of the culture.

SPANISH II A/B  3351/3352 (P)

- Length: 1 Year
- College Prep: Yes
- Grades: 9-12
- Credits: 10
- Repeatable For Credit: No
- Recommended Prerequisite: Spanish I Or 2 Years Of Spanish In Middle School
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

This course is designed to continue the development of the major communication skills: listening, speaking, reading and writing. Students will be able to express themselves at the basic level in present and past tenses. Additional emphasis will focus on reading comprehension in the target language.

SPANISH III A/B  3353/3354 (P)

- Length: 1 Year
- College Prep: Yes
- Grades: 10-12
- Credits: 10
- Repeatable For Credit: No
- Recommended Prerequisite: Spanish II
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

This course is designed with an in-depth view of the Spanish language. Students will form complex sentence structures and sustain lengthy conversations. Communication skills are developed and enhanced. The course will provide an opportunity for students to gain insights into Spanish-speaking cultures.

AP SPANISH LANGUAGE A/B  1797/1798

- Length: 1 Year
- College Prep: Yes
- Grades: 10-12
- Credits: 10
- Repeatable For Credit: No
- Recommended Prerequisite: Spanish III Or Spanish For Spanish Speakers II
- Meets UC/CSU E Requirements
- Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students’ awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).
**CODING OF COURSES: (P) COLLEGE PREP, (H) HONORS, (AP) ADVANCED PLACEMENT, (AR) ARTICULATED**

### DISCOVER WORLD LANGUAGE

#### AP SPANISH LITERATURE A/B

<table>
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<tr>
<th>Course Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 11-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

**Repeatable For Credit: No**

**Recommended Prerequisite:** Spanish III or Spanish For Spanish Speakers II

**Meets UC/CSU E Requirements**

**Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit**

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

#### SPANISH FOR SPANISH SPEAKERS I A/B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

**Repeatable For Credit: No**

**Required Prerequisite:** Placement By Exam

**Meets UC/CSU E Requirements**

**Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit**

This course, aligned with California English/Language Arts 9 Standards, is designed to develop Spanish speakers’ critical reading, writing, thinking, and other communicative skills, preparing students for the complexities of life within the evolving contextual demands of the twenty-first century. This course fulfills the UC LOTE requirement as completing two-years of World Language.

#### SPANISH FOR SPANISH SPEAKERS II A/B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 10</th>
</tr>
</thead>
</table>

**Repeatable For Credit: No**

**Required Prerequisite:** Placement By Exam

**Meets UC/CSU E Requirements**

**Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit**

This course, aligned with California English/Language Arts 10 Standards, is designed to expand on students’ previous understanding of the essential elements of literary and expository prose, research resources and methods, and language handling. This course fulfills the UC LOTE requirement as completing the third year of World Language.
ONLINE AND INDEPENDENT STUDY COURSES

Student Placement Into Campus Online Or Independent Study Is Done Through The School Counseling Office. Students Should Contact Their Counselor For More Information.

ENGLISH

<table>
<thead>
<tr>
<th>ENGLISH 9 E A/B</th>
<th>9600E/9601E (P)</th>
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</thead>
<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
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<tr>
<td>Grades: 9-12</td>
<td>Credits: 5 (per semester)</td>
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<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU B Requirements</td>
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<tr>
<td>Meets EUHSD English Requirement</td>
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</tbody>
</table>

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer’s The Odyssey, Shakespeare’s Romeo and Juliet, and Richard Connell’s “The Most Dangerous Game.” They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

<table>
<thead>
<tr>
<th>ENGLISH 10 E A/B</th>
<th>9602E/9603E (P)</th>
</tr>
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<tbody>
<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
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<tr>
<td>Grades: 10-12</td>
<td>Credits: 5 (per semester)</td>
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<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets EUHSD English Requirement</td>
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</table>

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

<table>
<thead>
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<th>ENGLISH 11 E A/B</th>
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<td>Length: 1 Year</td>
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<tr>
<td>Meets EUHSD English Requirement</td>
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</table>

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

<table>
<thead>
<tr>
<th>ENGLISH 12 E A/B</th>
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<td>Grades: 12</td>
<td>Credits: 5 (per semester)</td>
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<tr>
<td>Repeatable For Credit: No</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU B Requirements</td>
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<tr>
<td>Meets EUHSD English Requirement</td>
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</table>

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.

<table>
<thead>
<tr>
<th>EXPOSITORY READING &amp; WRITING COURSE (ERWC) E A/B</th>
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<td>College Prep: Yes</td>
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<td>Credits: 5 (per semester)</td>
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<td>Repeatable For Credit: No</td>
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<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU B Requirements</td>
<td></td>
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<tr>
<td>Meets EUHSD English Requirement</td>
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</tbody>
</table>

This English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama, the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
MATH

MATH 1 E A/B  9713E/9714E (P)
Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU C Requirements
Meets EUHSD Mathematics Requirement

The first in an integrated math series for high school, this course formalizes and extends middle school mathematics, deepening students' understanding of linear relationships. The course begins with a review of relationships between quantities, building from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations. Students use descriptive statistics to analyze data before turning their attention to transformations and the relationship between algebra and geometry on the coordinate plane.

MATH 2 E A/B  9738E/9739E (P)
Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU C Requirements
Meets EUHSD Mathematics Requirement

This course begins with a brief exploration of radicals and polynomials before delving into quadratic expressions, equations, and functions, including a derivation of the quadratic formula. Students then embark on a deep study of the applications of probability and develop advanced reasoning skills with a study of similarity, congruence, and proofs of mathematical theorems. Students explore right triangles with an introduction to right-triangle trigonometry before turning their attention into the geometry of circles and making informal arguments to derive formulas for the volumes of various solids.

MATH 3 E A/B  9762E/9763E (P)
Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU C Requirements
Meets EUHSD Mathematics Requirement

This course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the fundamental theorem of algebra. Students then expand the study of right-triangle trigonometry they began in Mathematics II to include non-right triangles and developing the laws of sines and cosines. Finally, students model an array of real-world situations with all the types of functions they have studied, including work with logarithms to solve exponential equations. As they synthesize and generalize what they have learned about a variety of function families, students appreciate the usefulness and relevance of mathematics in the real world.

ALGEBRA 1 E A/B  9608E/9609E (P)
Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU C Requirements
Meets EUHSD Mathematics Requirement

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions, and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students learn how they can use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.
## DISCOVER INDEPENDENT STUDY/CAMPUS ONLINE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CODES</th>
<th>LENGTH</th>
<th>COLLEGE PREP</th>
<th>GRADES</th>
<th>CREDITS</th>
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<th>PREREQUISITE</th>
<th>MEETS UC/CSU C REQUIREMENTS</th>
<th>MEETS EUHSD MATHEMATICS REQUIREMENT</th>
<th>DESCRIPTION</th>
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<tr>
<td><strong>ALGEBRA 2 E A/B</strong></td>
<td>9612E/9613E (P)</td>
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<td>9-12</td>
<td>5 (per semester)</td>
<td>No</td>
<td>None</td>
<td>Yes</td>
<td>Yes</td>
<td>This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.</td>
</tr>
<tr>
<td><strong>GEOMETRY E A/B</strong></td>
<td>9610E/9611E (P)</td>
<td>1 Year</td>
<td>Yes</td>
<td>9-12</td>
<td>5 (per semester)</td>
<td>No</td>
<td>None</td>
<td>Yes</td>
<td>Yes</td>
<td>This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometric properties of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.</td>
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<tr>
<td><strong>PRECALCULUS E A/B</strong></td>
<td>9614E/9615E (P)</td>
<td>1 Year</td>
<td>Yes</td>
<td>9-12</td>
<td>5 (per semester)</td>
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<td>None</td>
<td>Yes</td>
<td>Yes</td>
<td>With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.</td>
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<tr>
<td><strong>HEALTH AND PHYSICAL EDUCATION</strong></td>
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<tr>
<td><strong>HEALTH E</strong></td>
<td>9634E</td>
<td>1 Semester</td>
<td>No</td>
<td>9-12</td>
<td>5</td>
<td>No</td>
<td>None</td>
<td>Not UC/CSU Approved</td>
<td>Meets EUHSD Health/Safety Education Requirement</td>
<td>The Health (California Edition) course is a semester long course. The course is being offered within the EUHSD Learning Centers for elective credit only and fulfills the EUHSD Health graduation requirement. Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks. By providing basic personal health and safety information, this course empowers students to make positive health decisions. This course covers the state mandated instruction in health education, including the following major units of instruction: self-responsibility for wellness; understanding the human body; mental health; family and social health; growth development; nutrition; exercise; fitness; substance abuse; diseases and disorders; consumer and community health; safety and First Aid.</td>
</tr>
</tbody>
</table>

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**DISCOVER INDEPENDENT STUDY/CAMPUS ONLINE**

<table>
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<tr>
<th>PHYSICAL EDUCATION E (Lifetime Fitness)</th>
<th>9647E</th>
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<td>Length: 1 Semester</td>
<td>College Prep: No</td>
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<tr>
<td>College Prep: No</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>College Prep: No</td>
<td>Credits: 5</td>
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<tr>
<td>Repeatable For Credit: Yes</td>
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<tr>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td>Not UC/CSU Approved</td>
<td></td>
</tr>
<tr>
<td>Meets EUHSD Physical Education Requirement</td>
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</tbody>
</table>

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Throughout this one-semester course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

<table>
<thead>
<tr>
<th>CHEMISTRY E A/B</th>
<th>9630E/9631E (P)</th>
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<tr>
<td>Length: 1 Year</td>
<td>College Prep: Yes</td>
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<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
</tr>
<tr>
<td>College Prep: Yes</td>
<td>Credits: 5 (per semester)</td>
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<td>Repeatable For Credit: No</td>
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<td>Prerequisite: None</td>
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<tr>
<td>Not UC/CSU Approved</td>
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<tr>
<td>Meets UC/CSU D Requirements</td>
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<tr>
<td>Meets EUHSD Physical Science Requirement</td>
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</tbody>
</table>

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world. *In order to meet UC approval, students are required to complete hands-on labs as part of the overall course. Labs will be conducted in the Learning Center.*

<table>
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<tr>
<th>SCIENCE</th>
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<tr>
<td>BIOLOGY E A/B</td>
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<td>Length: 1 Year</td>
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<td>Repeatable For Credit: No</td>
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<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU D Requirements</td>
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<tr>
<td>Meets EUHSD Biological Science Requirement</td>
</tr>
</tbody>
</table>

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options. In order to meet UC approval, students are required to complete hands-on labs as part of the overall course. Labs will be conducted in the Learning Center.

<table>
<thead>
<tr>
<th>EARTH &amp; SPACE SCIENCE E A/B</th>
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<td>College Prep: Yes</td>
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<tr>
<td>College Prep: Yes</td>
<td>Grades: 9-12</td>
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<td>Prerequisite: None</td>
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<td>Meets UC/CSU D Requirements</td>
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<tr>
<td>Meets EUHSD Physical Science Requirement</td>
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</table>

This laboratory science course elective is aligned to the Next Generation Science Standards for California Public Schools, and is designed to introduce students to the principles and concepts of Earth and Space Science, as well as prepare them for additional coursework in the Earth and Space sciences. Concepts discussed include the origins of and objects in the universe, history of the Earth, Earth’s structure and processes such as weathering, erosion, and plate tectonics, weather, climate, and human impact on the Earth. Students also conduct a variety of laboratory activities that develop skills in observation, use of scientific tools and techniques, data collection and analysis, and mathematical applications. *In order to meet UC approval, students are required to complete hands-on labs as part of the overall course. Labs will be conducted in the Learning Center.*

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
SOCIAL SCIENCE

WORLD HISTORY E A/B  9616E/9617E (P)

Length: 1 Year  College Prep: Yes  Grades: 10-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD World History Requirement

This year-long course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events.

US HISTORY E A/B  9618E/9619E (P)

Length: 1 Year  College Prep: Yes  Grades: 11-12  Credits: 5 (per semester)
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD US History Requirement

This one-year high school course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives.

GOVERNMENT E  9620E (P)

Length: 1 Semester  College Prep: Yes  Grades: 12  Credits: 5
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU A Requirements
Meets EUHSD American Government Requirement

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays of historical evidence and to draw conclusions about historical events.

ECONOMICS E  9621E (P)

Length: 1 Semester  College Prep: Yes  Grades: 12  Credits: 5
Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Economics Requirement

This semester-long course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.
WORLD LANGUAGE

SPANISH I E A/B  9635E/9636E (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit</td>
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</table>

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

SPANISH II E A/B  9637E/9638E (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
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<tr>
<td>Repeatable For Credit: No</td>
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<td>Prerequisite: None</td>
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<td>Meets UC/CSU E Requirements</td>
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<tr>
<td>Meets EUHSD Fine Arts/World Language Requirement Or Elective Credit</td>
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</tbody>
</table>

Spanish II - High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

SPANISH III E A/B  9639E/9640E (P)

<table>
<thead>
<tr>
<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
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<td>Prerequisite: None</td>
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In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

ELECTIVES

ADVERTISING & SALES PROMOTION E  9780E (P)

<table>
<thead>
<tr>
<th>Length: 1 Semester</th>
<th>College Prep: Yes</th>
<th>Grades: 9-12</th>
<th>Credits: 5 (per semester)</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Meets UC/CSU CTE Requirement Or Elective Credit</td>
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</table>

What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you software you already have? No matter what your feelings are about it, there's no denying the sheer magnitude of the marketing industry. Every year companies spend $200 billion promoting their products and services—and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this Advertising and Sales Promotions course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated

<table>
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<tr>
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<tr>
<td>Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.</td>
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| **Astronomy E**                             | 9651E  | 1 Semester | Yes          | 9-12   | 5       |
| Repeatable For Credit: No                  |        |            |              |        |         |
| Prerequisite: None                          |        |            |              |        |         |
| Meets UC/CSU G Requirements                 |        |            |              |        |         |
| Meets EUHSD Elective Credit                 |        |            |              |        |         |
| Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space. |        |            |              |        |         |

| **Business (Introduction) E A/B**           | 9765E/9766E | 1 Year    | Yes          | 9-12   | 5 (per semester) |
| Repeatable For Credit: No                  |        |            |              |        |         |
| Prerequisite: None                          |        |            |              |        |         |
| Meets UC/CSU G Requirements                 |        |            |              |        |         |
| Meets EUHSD CTE Requirement Or Elective Credit |        |            |              |        |         |
| In this two-semester introductory course, students learn the principles of business using real world examples—learning what it takes to plan and launch a product or service in today’s fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit, the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity, and techniques for planning, executing, and marketing a business to respond to that opportunity. |        |            |              |        |         |

| **Career Planning & Development E**         | 9678E  | 1 Semester | No           | 9-12   | 5       |
| Repeatable For Credit: No                  |        |            |              |        |         |
| Prerequisite: None                          |        |            |              |        |         |
| Meets UC/CSU G Requirements                 |        |            |              |        |         |
| Meets EUHSD CTE Requirement Or Elective Credit |        |            |              |        |         |
| Career Planning and Development - Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today’s challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio. |        |            |              |        |         |

| **Careers in Criminal Justice E**           | 9781E  | 1 Semester | Yes          | 9-12   | 5       |
| Repeatable For Credit: No                  |        |            |              |        |         |
| Prerequisite: None                          |        |            |              |        |         |
| Meets UC/CSU G Requirements                 |        |            |              |        |         |
| Meets EUHSD CTE Requirement Or Elective Credit |        |            |              |        |         |
| The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system. |        |            |              |        |         |

| **Coding (Introduction) E**                 | 9782E  | 1 Semester | No           | 9-12   | 5       |
| Repeatable For Credit: No                  |        |            |              |        |         |
| Prerequisite: None                          |        |            |              |        |         |
| Meets UC/CSU G Requirements                 |        |            |              |        |         |
| Meets EUHSD CTE Requirement Or Elective Credit |        |            |              |        |         |
| Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately. |        |            |              |        |         |
**COMMUNICATIONS & SPEECH I E**

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<td><strong>COMMUNICATIONS &amp; SPEECH I E (INTRODUCTION)</strong></td>
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<tr>
<td>Length:</td>
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</table>

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course. Course Objectives Throughout the course, you will meet the following goals:
- Understand verbal and nonverbal aspects of human communication.
- Evaluate factors that impact the quality of communication, including interpersonal relationships, gender, and culture.
- Analyze communication on multiple levels, including interpersonal, small group, and organizational.
- Prepare and deliver effective presentations and speeches for a variety of purposes.

**COMPUTER APPLICATIONS E A/B**

<table>
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<tbody>
<tr>
<td>9709E/9710E</td>
<td><strong>COMPUTER APPLICATIONS E A/B</strong></td>
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<td>Length:</td>
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This one-semester course introduces students to the features and functionality of the most widely-used productivity software in the world: Microsoft® Office®. Through video instruction, interactive skills demonstrations, and hands-on practice assignments, students learn to develop, edit, and share Office® 2010 documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office 2010 suite of applications: Word®, Excel®, PowerPoint®, and Outlook®. Course Objectives Throughout the course, you will meet the following goals:
- Use Microsoft Office to produce a variety of business documents, spreadsheets, presentations, and emails.
- Become proficient in the skills and concepts of Microsoft Word, including working with text, tables, paragraphs, and graphics.
- Learn how to use Microsoft Excel to produce spreadsheets that incorporate complex functions, cell formatting, charts, and templates.
- Use Microsoft PowerPoint to create compelling presentations featuring text, tables, clip art, charts, and animations.
- Use Microsoft Outlook to send email messages, create events, track tasks, and manage your inbox. **Students are required to complete the entire course of study in order to receive credit for course completion.**

**CRIMINOLOGY E**

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<td><strong>CRIMINOLOGY E</strong></td>
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<td>Meets EUHSD Elective Credit:</td>
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In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology - the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors... from arrest to punishment...help shape the criminal case process?

**EARLY CHILDHOOD EDUCATION E**

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<td>Prerequisite:</td>
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<td>Meets UC/CSU CTE Requirement Or Elective Credit:</td>
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</table>

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.
ENTREPRENEURSHIP/SELF-EMPLOYMENT E A/B 9786E/9787E (P)

Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

The first half of the Introduction to Entrepreneurship course teaches the basics of planning and launching a business. Whether interested in creating a money-making business or a nonprofit to help others, this course provides the core skills needed to succeed. Students learn about real-life teen entrepreneurs, characteristics of successful entrepreneurs, pros and cons of self-employment, and how to attract investors and manage expenses. Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include exploring factors of business success and failure, core business concepts, economic systems, competition, production, and the global economy. The second half of the course advances the skills and key business concepts students need to know to plan and launch a business. Students learn about setting personal visions and goals, sales stages, opportunities and strategies, planning and budgeting, and interpersonal communication in the workplace. Topics include financing a business; costs and pricing, accounting; bookkeeping, and financial reporting; the role of the government in business; regulations, and laws; working with others; and successfully managing employees.

FASHION AND INTERIOR DESIGN E 9788E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you’ll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you’ll develop the essential communication skills that build success in any business. By the end of the course, you’ll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

FORENSIC SCIENCE I E 9655E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Elective Credit

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

FORENSIC SCIENCE II E 9656E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Required Prerequisite: Forensic Science I
Meets UC/CSU G Requirements
Meets EUHSD Elective Credit

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

FORESTRY AND NATURAL RESOURCES E 9789E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you’ll learn more about forest ecology, management, and conservation. You’ll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you’ll learn more about forestry related careers and important issues facing forestry professionals today.
HEALTH SCIENCE (INTRODUCTION) E A/B  9721E/9722E (P)

Length: 1 Year  College Prep: No  Grades: 9-12  Credits: 5 (per semester)

Repeatable For Credit: No
Prerequisite: None
Not UC/CSU Approved
Meets EUHSD CTE Requirement Or Elective Credit

This high school course introduces students to a variety of healthcare careers as they develop the basic skills required in all healthcare careers. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the instruction, the course will emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field. Course Objectives: Throughout the course, you will meet the following goals: - Build health science skills that can create the foundations for a health science career - Use health science protocols to identify patient needs and appropriate standards of care - Identify the organization, purpose, and outcomes of a variety of health care delivery systems - Examine the human body to explain its organization, functions, diseases, and disorders.

HEALTH SCIENCE CONCEPTS E A/B  9767E/9768E (P)

Length: 1 Year  College Prep: Yes  Grades: 9-12  Credits: 5 (per semester)

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD CTE Requirement Or Elective Credit

This yearlong course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students will investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways. Course Objectives: Throughout the course, you will meet these goals: - Examine the human body to explain its organization and functions - Use basic medical terminology to describe health science concepts - Understand common diseases and disorders of the body systems - Define the stages of human reproduction and development - Relate the body systems to their health science career specialties.

HOSPITALITY & TOURISM E  9659E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Fine Arts Or Elective Credit

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

JOURNALISM E  9790E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Fine Arts Or Elective Credit

Journalism: Investigating the Truth - If you’re the first to know what’s going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you’re just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You’ll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

LAW AND ORDER E  9661E (P)

Length: 1 Semester  College Prep: Yes  Grades: 9-12  Credits: 5

Repeatable For Credit: No
Prerequisite: None
Meets UC/CSU G Requirements
Meets EUHSD Fine Arts Or Elective Credit

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society’s legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
**MUSIC APPRECIATION E** 9748E (P)

<table>
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Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

**NURSING ASSISTANT E A/B 9769E/9770E (P)**

<table>
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<th>Length: 1 Year</th>
<th>College Prep: Yes</th>
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<td>Prerequisite: None</td>
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This two-semester course prepares students to provide and assist with all aspects of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA). Course Objectives Throughout the course, you will meet the following goals: Describe the role of the Nursing Assistant in the healthcare environment; Know the legal and ethical responsibilities specific to nurse assisting; Perform patient care procedures; Perform physical comfort and safety functions specific to nurse assisting; Perform activities of daily living (ADLs); Analyze effective techniques for communicating with a diverse patient population; Understand the principles of immobility and patient positioning; Know how to maintain patient dignity and provide culturally sensitive care.

**PERSONAL FINANCE E** 9792E (P)

<table>
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<th>Length: 1 Year</th>
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This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

**ONLINE LEARNING AND DIGITAL CITIZENSHIP E** 9791E

<table>
<thead>
<tr>
<th>Length: 1 Semester</th>
<th>College Prep: No</th>
<th>Grades: 9-12</th>
<th>Credits: 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable For Credit: No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not UC/CSU Approved</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Meets EUHSD Elective Credit</td>
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</table>

This one-semester course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks, authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note-taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

**Coding of Courses:** (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated
**REAL WORLD PARENTING E 9761E**

Length: 1 Semester  
College Prep: No  
Grades: 9-12  
Credits: 5

Repeatable For Credit: No

Prerequisite: None

Not UC/CSU Approved

Meets EUHSD Elective Credit

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course.

**SOCIAL PROBLEMS I E 9666E (P)**

Length: 1 Semester  
College Prep: Yes  
Grades: 9-12  
Credits: 5

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU G Requirements

Meets EUHSD Elective Credit

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

**SOCIAL PROBLEMS II E 9667E (P)**

Length: 1 Semester  
College Prep: Yes  
Grades: 9-12  
Credits: 5

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual.

**SPORTS & ENTERTAINMENT MARKETING E 9794E (P)**

Length: 1 Semester  
College Prep: Yes  
Grades: 9-12  
Credits: 5

Repeatable For Credit: No

Prerequisite: None

Meets UC/CSU G Requirements

Meets EUHSD CTE Requirement Or Elective Credit

Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour! In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion-dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well-known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.
### STRATEGIES FOR ACADEMIC SUCCESS E  
**9682E**

<table>
<thead>
<tr>
<th>Length</th>
<th>College Prep</th>
<th>Grades</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>No</td>
<td>9-12</td>
<td>5</td>
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Repeatable For Credit: No  
Prerequisite: None  
Not UC/CSU Approved  
Meets EUHSD CTE Requirement Or Elective Credit

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques. Course Objectives  
Throughout the course, you will meet the following goals:  
- Compare different types of motivation and explain how motivation affects academics  
- Understand the concept of academic integrity, and define cheating as it relates to online learning  
- Identify different types of organizers, and describe the purposes of each  
- Describe different strategies for remembering information  
- List and explain each of the five steps of test preparation  
- Explain the importance of following a rubric  
- Describe the benefits of creating study groups, and distinguish the characteristics of quality study groups.

### VISUAL ARTS E A/B  
**9796E/9797E (P)**

<table>
<thead>
<tr>
<th>Length</th>
<th>College Prep</th>
<th>Grades</th>
<th>Credits (per semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year</td>
<td>Yes</td>
<td>9-12</td>
<td>5</td>
</tr>
</tbody>
</table>

Repeatable For Credit: No  
Prerequisite: None  
Meets UC/CSU F Requirements  
Meets EUHSD Fine Arts Or CTE Requirement Or Elective Credit

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two and three dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

**Coding of Courses: (P) College Prep, (H) Honors, (AP) Advanced Placement, (AR) Articulated**
MISSION

Empowering every student to graduate prepared for college, career, and life through excellence in learning.