

El Camino Fundamental High School  
Course Description Book  
2017-2018

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## El Camino Fundamental High School Mission Statement

Embodying the Respect, Responsibility, and Readiness inherent in our Fundamental spirit and tradition, the mission of the El Camino Fundamental High School community is to challenge and inspire each student to be a creative, life-long learner, and enlightened citizen by ensuring that students construct meaning through rigorous 21<sup>st</sup> Century learning in a caring, inclusive environment.

### COURSE SELECTION

Setting long range goals and developing an educational plan to meet those goals is one of the most important steps in a student's high school career. The first semester of high school is a critical period for many students, and the decision as to which type of program to pursue should not be made without serious consideration of the student's past academic record and his/her future plans.

All students must complete the graduation requirements for El Camino Fundamental High School. There are also specific courses to be taken for admission to colleges and universities. The planning process must not be taken lightly. Careful consideration must be given not only to the choice of classes but also to grades earned, credit awarded, attendance, citizenship, and college admission exams where required.

Students must make sound decisions at the time they register for classes. Changing a student's program after a semester begins is generally counter-productive and places students at a disadvantage if they enter a class late. **Generally, requests for changes will be denied as the decisions students and their parents make at the time of registration determine both the number of sections of classes and the assignment of teachers.**

This **Course Description Book** is designed to be a tool for you. By carefully reviewing the information in this book you will know:

- Every class proposed for the next school year.
- Minimum graduation requirements you must fulfill to graduate from El Camino Fundamental High School.
- Requirements for UC/CSU university systems.
- College admissions requirements.
- Elective class opportunities.

Take the time to talk it over with parents, teachers, and your counselor. Think about which courses will help you the most, which you need to prepare for college, and your future career, how much time and energy you need for other responsibilities such as family, sports, work, or other extracurricular activities.

Make the most of the opportunities provided for you at El Camino Fundamental High School.

## High School Honors Program

Honors classes are more academically rigorous than other courses. Grades in honors classes are based on a 5-point scale (weighted), rather than the typical 4-point scale. A grade of D in an Honors or AP course is considered a deficiency and does not receive the extra grade point. These classes are accelerated and appropriate for GATE students as well as other students who are achieving at a high academic level.

To determine preliminary eligibility for incoming freshmen to high school Honors classes, students currently attending San Juan Unified Schools will be recommended for placement through the articulation process between student's middle school and high school for the upcoming school year.

For students outside the San Juan Unified School District who will be attending one of the district's high schools in the fall, a letter of recommendation from current English teacher (for Honors English) and math teacher (for Honors Biology). Honors placements are limited and scheduling for these classes will not occur until courses have been determined for the upcoming school year.

After the freshman year, entrance requirements for honors classes are based upon teacher recommendation and academic performance.

## Naviance Succeed Family Connections

Naviance is a web-based college research and planning tool for students, parents and school counselors. The website directs individual students through the entire college planning, application and decision process. Students can search for colleges and scholarships, explore careers, and take interest/learning style inventories. Teachers and counselors can upload recommendation letters and transcripts to be sent to colleges your student is applying to. The status of all necessary application documents can be checked in one convenient location. Students can also review academic and admission data for colleges across the United States and determine their chances for acceptance by comparing personal statistics (GPA, ACT, SAT scores) to El Camino High School students who have recently been admitted.

## Q Student Information System

Q Student Information Management System is the official system of record for San Juan Unified School District which includes Student Enrollment, Scheduling, Attendance, Grade Reporting, Transcripts, Behavior, Health, Test History, Services and Programs, English Learner, and Special Education programs. Q (formerly Zangle!) was implemented in August 2009 at all SJUSD schools.

- **Q Parent Portal** is a website for parents where they are able to view their child's progress online. Its goal is to increase communication between the parents, classroom teachers, guidance counselors, and administrators. Parents may obtain their login information from their children's school. The URL for Parent Connection is: <https://sis.sanjuan.edu/parentportal/>
- **Q Student Portal** is a website for students where they are able to view their own progress and attendance online and request courses for their next term. Its goal is to increase communication between teachers and students, and provide opportunities for students to take direct responsibility for their achievement. Students may obtain their login information from their school. The URL for Student Connection is: <https://sis.sanjuan.edu/studentportal/>

## EL CAMINO FUNDAMENTAL HIGH SCHOOL

### GUIDANCE ISSUES

- **Class load on campus** - 7 maximum (8 with administrative approval) - 80 maximum credits on or off campus per year.
- **Class schedule minimum** - Students will take a normal 6 period schedule unless they meet minimum credit requirements for a 5 period schedule. Freshmen and sophomore students that take a zero period class will still be required to be scheduled for zero plus 6 periods.
  - ✓ Reduced schedule/minimum credit requirements - Fall 180/Spring 205 (**Seniors only**) Seniors may have an open 1<sup>st</sup> or 6<sup>th</sup> period.
  - ✓ Students who have exhausted the EC curriculum may take 4 classes on campus with concurrent community college enrollment to a total of 5 classes. **Prior administrative approval required.**
  - ✓ Students take 4 periods on campus if they are enrolled in a 3 period R.O.P. program.
- **I.W.E. (T. A.) classes** - one per semester for 11<sup>th</sup> and 12<sup>th</sup> grades.
- No 5<sup>th</sup> year seniors except students enrolled in special education.
- **Mid-year grads** are allowed; must seek approval by spring of Junior year.
- **Participation in commencement** - seniors must complete all requirements for graduation and be in residence at El Camino the entire second semester.
- **Truancy** - 36 periods of truancy eliminates the privilege of participation in the graduation ceremony.
- **English requirement** – Four years of English required, senior year can be either CSU Expository Reading & Writing, AP English or Dystopian Literature.
- **Daily schedule** - no unscheduled periods during middle of day and no study hall periods.
- Seniors are **NOT** automatically entitled to an open period - open period is dependent on credits earned (180 first semester/205 second semester.)
- Freshman and sophomore students enrolled in a zero period course must be enrolled in a total of 7 classes and are NOT eligible for an open 6<sup>th</sup> period.
- Students who enroll in a year-long class must **maintain their enrollment** in that class. Exceptions will be made only after a conference has been held with the student, teacher, parent, counselor/administrator and there is agreement that the move is in the best academic interest of the student and there is availability.
- Class changes based on **teacher preference** will be considered **only** if the student has **failed** the same class with that teacher the **previous year.**
- Although the counseling staff attempts to accommodate student requests, it is **impossible** to guarantee that a student will be placed in a particular class. We do guarantee they get what they need to graduate over the four year period and move on to the next level of post-secondary education.

## ***“Plan Your Work, Work Your Plan”***

### **Start Your College Plans Freshman Year**

#### **Why should my freshman start preparing now?**

To prepare for college or career, there is no substitute for your child getting a solid and broad academic education. This means your child should take challenging courses in academic subjects and maintain good grades in high school beginning their freshman year. Your child’s transcript will be an important part of his or her college or work application.

A student’s interpersonal and leadership skills as well as outside interests and goals are all important for college preparation. Independent reading and study, extracurricular activities, and work experience will all help your child develop his or her skills, interests, and goals.

Independent reading and study will help your child to prepare academically for college. This is a good way to develop interests, expand knowledge, and improve the vocabulary and reading comprehension skills needed for college and the SAT or ACT. Encourage your child to read all kinds of books for fun -- fiction and non-fiction.

#### **So what do most colleges want?**

4 years of English, 4 years of Math (Integrated Math 1, Geometry and Algebra 2 are required), 3 years of History or Social Studies, 3 years of Science (lab sciences), 3 years of a Foreign Language, and 1 year of Fine Arts. Most top colleges recommend 4 years of Math, Science, and Language.

#### **Sophomore Year:**

The sophomore year is a good time to take the Preliminary Scholastic Aptitude Test (PSAT). The test is not going to follow students for the rest of their years. They’re simply an indication of how they might do with the real tests. Now is a good time for students to start becoming involved in community activities and school extracurricular activities.

#### **Junior Year:**

Junior year is when students need to take the PSAT in the fall, so they will know if they qualify for the National Merit Scholar Program. After the first semester it is time to start choosing potential colleges. Figure out what is most important. Do you need to stay close to home? Do you want a big campus or a small campus? Choose about a dozen colleges to research on their website or visit the El Camino Career Center for more information. In the spring of your junior year, take the SAT (register online at [www.collegeboard.com](http://www.collegeboard.com)) and the ACT (register online at [www.actstudent.org](http://www.actstudent.org)). What is the difference? The SAT is a multiple choice test made up of separately timed verbal, mathematical and writing sections. The ACT is a multiple choice test made up of separately timed verbal, mathematical, reading and science reasoning sections. Students should find out what assessment test is required prior to taking the SAT or ACT.

#### **Senior Year:**

Senior year students should have narrowed their list to eight schools; one sure acceptance, two or more possible acceptances, and two or more long shots. Be aware of application deadlines and start looking at the essay topic if applying to a UC or another institution which requires an essay. Students should tell the colleges what they have learned from their experiences. Students should start hearing from colleges in March and April. Reply to all institutions where students have been accepted notifying the college of whether the student has accepted the admission, and send in a deposit to the college they will be attending. January of the senior year students will fill out the FAFSA and Cal Grant/GPA Verification. More information is provided at the Financial Aid Workshop.

Adapted from <http://www.ed.gov/thinkcollege/highschool/>

**HIGH SCHOOL GRADUATION REQUIREMENTS  
SAN JUAN UNIFIED SCHOOL DISTRICT  
EL CAMINO FUNDAMENTAL HIGH SCHOOL**

1. Complete a minimum of 220 credits. Credit adjustment may be necessary if coming from a block schedule high school - 15 credits per year are added to the total credits required to graduate.
2. Complete the following required courses - 150 units (plus 70 credits of elective courses to complete graduation requirements).

English	40 credits (4 years)	To be taken every year
Mathematics (see #4 below)	20 credits (2 years)	10 units each to be taken in grade 9 & 10
Visual/Performing Arts	10 credits (1 year)	To be taken any time during
OR	OR	four years
Foreign Language	10 credits (1 year)	10 or more units of Foreign
AND	AND	Languages reduces Visual/
Visual/Performing Arts	5 credits (1 semester)	Performing Arts requirement
		to 5 units. However, if going
		to the UC/CSU systems, students will
		need 1 year of Visual/Performing
		Arts. (See UC/CSU requirements)
Physical Education	20 credits (2 years)	PE 1 to be taken in grade 9 and PE 2
Life Science	10 credits (1 year)	To be taken in grade 9-12
Physical Science	10 credits (1 year)	To be taken in grade 9-12
American Government	5 credits (1 semester)	To be taken in grade 12
U.S. History	10 credits (1 year)	To be taken in grade 11
World History	10 credits (1 year)	To be taken in grade 10
Social Studies Requirement	5 credits (1 semester)	To be taken in grade 12
Economics	5 credits (1 semester)	To be taken in grade 12
Health	5 credits (1 semester)	To be taken in grade 9

3. Students must qualify to be placed in the advanced levels of English, Math, Language other than English, World History, U.S. History, and Science.
4. Must complete Integrated Math 1 or higher.

**The above outline lists the district requirements for a diploma from the San Juan Unified School District. The requirements are consistent throughout the district.**



## UNIVERSITY OF CALIFORNIA ENTRANCE REQUIREMENTS

The required classes for entrance into the UC system are outlined below. Students must take 15 units of high school courses to fulfill the Subject Requirement - seven units of which must be taken in the last two years of high school. (A unit is equal to an academic year, or two semesters of study.) UC requirements are subject to change.

- a History/Social Science - 2 years required  
Two years 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 one year of world history, cultures, and geography (including European History) from the “a” subject area.
- b English - 4 years required  
Four years 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.
- c Mathematics - 3 years required, 4 recommended  
Three years, including Integrated Math 1, Integrated Math 2, and Integrated Math 3 (above courses taken in 7<sup>th</sup> and 8<sup>th</sup> grades are acceptable).
- d Laboratory Science - 2 years required, 3 recommended  
Two years of laboratory science in at least two of these three areas: Biology, Chemistry, and Physics; both courses must be from the “d” subject area; 3 years recommended. Only one interdisciplinary science course can be used to meet this requirement.
- e Languages other than English (LOTE) - 2 years required, 3 recommended  
Two years (or equivalent to the 2<sup>nd</sup> level high school course) of the same language other than English. Courses in languages other than English taken in 7<sup>th</sup> and 8<sup>th</sup> grade are acceptable if they meet our high school requirements.
- f Visual/Performing Arts - 1 year required  
One year (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Music, Theater, or Visual arts (ie. painting, web/graphic design, film/video, inter/multimedia arts).
- g College Preparatory Electives - 1 year required  
One year of an elective chosen from any area on approved “a-g” course list.

Additionally, G.P.A. is very important to gaining admission. All UC a-g course work must be with a grade of “C” or higher. It is important to do well the first time taking a class as the UC does not consider the higher grade of a repeated class if you earned a C the first time. The University of California requires either the ACT with writing or the SAT reasoning test.

Students will no longer have to meet an eligibility index to be considered for admission. The application of every student who has completed 11 of the 15 “a-g” courses with a 3.0 GPA by the end of junior year and has taken the ACT with Writing or the SAT Test will receive a comprehensive review.

The Regents of the University of California have approved an additional path through which our top graduates may become eligible for admission to the University of California. The path is called Eligibility in the Local Context (ELC) and is commonly referred to as the 9% plan. How does this work? Schools submit the transcripts of approximately the top 10% of their Junior class to the University. Expert University personnel will evaluate the transcripts and determine who among the 10% has completed the courses required for ELC eligibility and, based on their GPA, will rank in the top 9%. Top 9% will be classified as ELC eligible and informed of eligibility in late August, early September of their Senior year, and maybe given preference for admissions by some UC campuses.

The University of California system includes Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, and Santa Cruz. San Francisco does not accept undergraduates.

Undergraduate admissions information may also be obtained on the web at [www.ucop.edu/pathways](http://www.ucop.edu/pathways)

## CALIFORNIA STATE UNIVERSITIES ENTRANCE REQUIREMENTS

Admission is determined by 1) high school grade point average, 2) scores on either the ACT or SAT tests and 3) completion of the specific subject requirements listed below with a grade of "C" or better. The G.P.A. is based on work completed in grades 10, 11, college prep courses (designated on transcript with an \*).

- a History/Social Science: Two year 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 one year of history/social science from either the "a" or "g" subject area
- b English: 4 years  
Four years of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD courses)
- c Mathematics: 3 years  
Integrated Math 1, 2, and 3; 4 years recommended.
- d Laboratory Science: 2 years  
At least one year of physical science and one year of biological science, one from the "d" subject area and the other from the "d" or "g" area.
- e Language Other Than English (LOTE): 2 years (3 years recommended)  
Two years (or the equivalent to the 2<sup>nd</sup> level high school course) of language other than English (must be the same language, American Sign Language accepted).
- f Visual/Performing Arts: 1 year  
One year (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Music, Theater, or Visual Arts (ie. painting, web/graphic design, film/video, inter/multimedia arts).
- g Electives: 1 year  
One year of an elective chosen from any area on approved "a-g" course list.

The California State University System includes Bakersfield, Channel Islands, Chico, Dominguez Hills, East Bay, Fresno, Fullerton, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo, San Marcos, Sonoma, and Stanislaus.

CSU planning may be done at the web site at <http://www.cusmentor.edu>.

English Placement Test (EPT) and Entry Level Math (ELM) testing must be done before registering for classes. These may be satisfied by appropriate scores on the SAT or ACT tests, achievement tests, SAT subject tests, AP tests, or successful completion of the appropriate community college courses. ***Students who score 570+ in math on the SAT and 550+ in English are exempt from taking the EPT and ELM test.*** Students, who don't pass the test, must take remedial classes the first year of college.

## CSU-UC Comparison of Minimum Eligibility Requirements

	California State University (CSU)	University of California (UC)
High School GPA	Calculate GPA using only "a-g" approved courses taken <i>during 10<sup>th</sup> and 11<sup>th</sup> grade.</i>	
<b>Subject Requirements</b>	<b>15 yearlong college preparatory courses from approved "a-g" list are required:</b>	
<b>"a" History/Social Science</b>	2 years of history/social science, including one year of US history OR one semester of US history and one semester of American government, AND...	
	1 year of history/social science from either the "a" or "g" subject area	1 year of world history, cultures, and Geography (including European History) from the "a" subject area
<b>"b" English</b>	4 years of college preparatory English/composition (including no more than one year of Advanced ESL/ELD courses)	
		The ESL/ELD cannot be completed during the senior year
<b>"c" Mathematics</b>	3 years of math (Integrated Math 1, and 2, 3); 4 years recommended * (Integrated math sequences may be used to satisfy the "c" Mathematics requirement.)	
		Students applying to UC must complete a geometry course (or a series of Integrated Math courses with Geometry content).
<b>"d" Laboratory Science</b>	2 years of laboratory science	
	At least 1 year of physical science and 1 year of biological science, one from the "d" subject area and the other from the "d" or "g" area*	Must include at least two of the three foundational subjects of biology, chemistry, and physics; both courses must be from the "d" subject area; 3 years recommended. Only one interdisciplinary science course can be used to meet this requirement.
<b>"e" Language Other Than English</b>	2 years (or the equivalent to the 2 <sup>nd</sup> level high school course) of language other than English (must be the same language, American Sign Language accepted)**	
		3 years recommended
<b>"f" Visual and Performing Arts</b>	1 year(or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Music, Theater, or Visual Arts (ie. Painting, web/graphic design, film/video, inter/multimedia arts).	
<b>"g" College Preparatory Elective</b>	1 year of an elective chosen from any area on approved "a-g" list	
<b>HONORS POINTS</b>	Maximum of 8 extra grade points awarded from four year-long courses (8 semesters) awarded for UC-approved high school created honors, AP, or IB courses and transferable college courses. No more than two year-long courses (4 semesters) completed in 10 <sup>th</sup> grade can be used in the honors points calculation.	
<b>TEST SCORES – ACT/SAT</b>	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 scores 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 of high school.	The ACT Plus Writing or the SAT is required for all UC applicants.  UC uses the highest composite score from the ACT Plus Writing or highest total score from the SAT from the same test date. Some campuses <u>may recommend SAT Subject Tests for specific majors.</u>
<b>Mathematics</b>	A grade of C or better in Algebra 2 validates Integrated Math 1. A grade of C or better in trigonometry or pre-calculus validates the entire high school college preparatory requirement. Integrated style Math 2 will be accepted in lieu of a geometry course. (See exception for UC below).	
		The omission of a geometry course (or a series of integrated math courses containing geometry content) cannot be validated by any higher-level coursework. However, the omission of the 1 <sup>st</sup> semester of geometry can be validated by successful completion of the 2 <sup>nd</sup> semester. Refer to UC's Validation Matrix in the Quick Reference for Counselors guide.

Language Other Than English (LOTE)	A grade of C or better in 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 a high school LOTE course. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to the college's "a-g" course list on the <a href="#">"a-g" website</a> and review the "Category" column.	
Chemistry	A grade of C or better in the second semester of Chemistry will validate the first semester	UC does not allow the validation of Chemistry.
<b>VALIDATION OF D/F GRADES IN REQUIRED COURSES</b>		
Courses in which grades of D/F are earned must be repeated, EXCEPT in the areas of math and language other than English, where grades of D can be validated by successful completion of higher level coursework. CSU also allows the validation of the D/F grades in Chemistry. For UC, refer to the validation Matrix in the Quick Reference for Counselors guide.		
<b>VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES</b>		
Required "a-g" courses may be satisfied with appropriate test scores on SAT Subject Tests, Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on <a href="#">UC</a> and CSU websites. For UC, the omission of a course in Geometry cannot be validated by any examination score.		
<b>REQUIRED COURSES</b>		
	Required "a-g" courses must be completed with a grade of C or better. Any course may be repeated. There is no limitation on the number of times a course can be repeated.	Required "a-g" courses must be completed with a grade of C or better. Courses in which grades of D/F are earned may be repeated. There is no limitation on the number of times a course can be repeated. The first instance of grade C or better will be used in the GPA calculation.

\*for graduating class of 2018, only Algebra 1, Geometry, and Algebra 2 \*\*Coursework completed in 7<sup>th</sup> or 8<sup>th</sup> grade can be used to satisfy "c" and "e" requirements.

**CALIFORNIA COMMUNITY COLLEGE  
ENTRANCE REQUIREMENTS**

Any student who has earned a high school diploma or has reached their 18th birthday is eligible to enroll at a California Community College. The community college awards Associate of Arts and Associate of Science Degrees, Occupation Certificates and transfer credits to students who wish to continue their education at a four-year college or university.

Los Rios Community College District (American River College, Cosumnes River College, Sacramento City College and Folsom Lake College) requires students to take Math and English Assessment Tests prior to registration.

Sierra College will accept the results of the Assessment Tests from ARC, but will require additional testing at Sierra College.

Enrollment is a five-part process:

1. Application for admission
2. Assessment tests
3. Orientation and registration
4. Educational Planning with a counselor
5. Registration for classes

El Camino has an ARC representative on campus periodically, October through March to meet with interested students. Sign up in the Counseling Office.

Online information and application available at [www.losrios.edu](http://www.losrios.edu)

## NCAA ELIGIBILITY

To play sports as a freshman at a college or university in NCAA Division I and II, students must meet specific standards. Students must graduate from high school and make at least a 2.00 grade-point average (based on a 4.00 scale) in 16 core academic courses.

### **Divisions I and II Initial-Eligibility Requirements**

#### Core Courses

- **NCAA Division I requires 16 core courses. NCAA Division II requires 16 core courses.**
- **NCAA Division I will require 10 core courses** to be completed prior to the seventh semester (seven of the 10 must be a combination English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement.
- *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

#### Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements can be viewed at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

#### Grade-Point Average

- **Be sure** to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) Only courses that appear on your school’s List of NCAA Courses will be used in the calculation of core GPA. Use the list as a guide.
- **Division I** students enrolling fulltime must 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 science.
- **Division I** GPA required to receive athletics aid and practice is 2.300. Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale. Graduate high school.
- **The Division II** core GPA requirement is a minimum of 2.200.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

#### **Division I – 16 Core Courses**

- |   |   |
|---|---|
| 4 | years of English  |
| 3 | years of mathematics (Integrated Math 1 or higher)  |
| 2 | years of natural/physical science (1 year of lab if offered by high school)                             |
| 1 | year of additional English, mathematics or natural/physical science                                     |
| 2 | years of social science   |
| 4 | years of additional courses (from any area above, foreign language or comparative religion/philosophy). |

#### **Division II – 16 Core Courses**

- |   |  |
|---|--|
| 3 | years of English   |
| 2 | years of mathematics (Integrated Math 1 or higher)   |
| 2 | years of natural/physical science (1 year of lab if offered by high school)                              |
| 3 | years of additional English, mathematics, or natural/physical science                                    |
| 2 | years of social science  |
| 4 | years of additional courses (from any area above, foreign language, or comparative religion/philosophy). |

SAMPLE SCHEDULES		
Meets Minimum High School Graduation Requirements	Meets UC/CSU Requirements	Meets most competitive College/University/UC Requirements
<b>9<sup>th</sup> Grade</b>	<b>9<sup>th</sup> Grade</b>	<b>9<sup>th</sup> Grade</b>
1. English 1 2. Health/one semester elective 3. Integrated Math 1 4. Biology 5. PE 1 6. Elective (1) <ul style="list-style-type: none"> <li>Visual/Performing Arts</li> <li>Industrial Technology</li> <li>Other elective</li> </ul>	1. English 1 or Honors English 1 2. Health/one semester elective 3. Integrated Math 1 4. Biology or Honors Biology 5. PE 1 6. Elective (1) <ul style="list-style-type: none"> <li>Language Other Than English</li> <li>Visual/Performing Art</li> <li>AVID or EPI</li> </ul>	1. Honors English 1 <i>Health deferred to summer school</i> 2. Integrated Math 2 or Integrated Math 2+ 3. Honors Biology 4. World Languages 5. PE 1 6. Elective (1) <ul style="list-style-type: none"> <li>Choose an elective that meets A-G eligibility</li> </ul>
<b>10<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>
1. English 2 2. Integrated Math 2 3. World History 4. PE 2 5. & 6. Electives (2) <ul style="list-style-type: none"> <li>Visual/Performing Arts</li> <li>Industrial Technology</li> <li>Other elective</li> </ul>	1. English 2 or Honors English 2 2. Integrated Math 2 or Integrated Math 2+ 3. World History, Honors W. History, or AP European History 4. Chemistry or Physics 5. PE 2 (may be offered zero period to allow students to take 7 classes) 6. Elective (1) <ul style="list-style-type: none"> <li>Language Other Than English</li> <li>AVID or EPI</li> <li>Student Leadership*</li> <li>Choose an elective that meets A-G eligibility</li> </ul>	1. Honors English 2 2. Integrated Math 3 or Integrated Math 3+ 3. Honors World History or AP European History 4. Chemistry or AP Physics 5. PE 2 (may be offered zero period to allow students to take 7 classes) 6. Elective (1) <ul style="list-style-type: none"> <li>World Languages</li> <li>Student Leadership*</li> <li>Choose an elective that meets A-G eligibility</li> </ul>
<b>11<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>
1. English 3 2. US History 3. Earth Science or Physics 4. Math <i>if have not completed two years with minimum level of Integrated Math 1</i> 5. & 6. Electives (min. 2/max. 3) <ul style="list-style-type: none"> <li>Visual/Performing Arts</li> <li>Industrial Technology</li> <li>PE elective</li> <li>I.W.E. (TA)</li> <li>R.O.P.</li> </ul>	1. English 3 or AP English Language 2. US History or AP US History 3. Next math level 4. World Languages 5. Chemistry, Physics or Physiology 6. Elective (1) <ul style="list-style-type: none"> <li>Student Leadership*</li> <li>AVID or EPI</li> <li>Choose an elective that meets A-G eligibility</li> </ul>	1. Honors English 3 or AP English Language 2. AP US History 3. Pre-Calculus or AP Calculus 4. World Languages 5. AP Physics, Honors or AP Physiology, or AP Chemistry 6. Elective (1) <ul style="list-style-type: none"> <li>Student Leadership*</li> <li>Choose an elective that meets A-G eligibility</li> </ul>
<b>12<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
1. CSU Expository Reading & Writing 2. Economics/American Government 3. Social Studies Course/one semester elective 4. 5. & 6. Electives (3) <ul style="list-style-type: none"> <li>Visual/Performing Arts</li> <li>Industrial Technology</li> <li>PE elective</li> <li>I.W.E. (TA)</li> <li>R.O.P.</li> <li>Open 1<sup>st</sup> or 6<sup>th</sup> period</li> </ul>	1. CSU Expository Reading & Writing, AP English Literature or Dystopian Literature 2. Econ/American Gov't or AP Gov't 3. Social Studies Course/one semester elective or AP Psychology 4. World Languages 5. & 6. Elective (2) <ul style="list-style-type: none"> <li>Math, next level</li> <li>AVID or EPI</li> <li>Student Leadership*</li> <li>Choose an elective that meets A-G eligibility</li> <li>Open 1<sup>st</sup> or 6<sup>th</sup> period</li> </ul>	1. AP English Literature/Dystopian Literature 2. Economics/AP Gov't 3. AP Psychology 4. AP Calculus, AP Statistics or additional AP/Honors science 5. World Languages, level 4 or AP 6. Elective (1) <ul style="list-style-type: none"> <li>Student Leadership*</li> <li>Choose an elective that meets A-G eligibility</li> <li>Open 1<sup>st</sup> or 6<sup>th</sup> period</li> </ul>

\*Student Leadership = Link Crew or Student Government

## HOW VALUABLE ARE AP (Advanced Placement) CLASSES

### Top 10 Reasons AP Courses Give You A Head Start

1. Study a subject in more depth. You're bound to find an AP course that covers a subject you're passionate about. Depending on your school's offerings, you can choose between 35 half-year and full-year courses in 19 different AP subject areas, including Science, History, and Languages.
2. Prepare for success in college. The hard work you do in an AP course helps you develop skills and study habits that will be vital in making a smooth transition.
3. Find out what you can really do. If you don't challenge yourself, you'll never know what you're capable of achieving.
4. Improve your chances of getting into a competitive college. Admission officers are well aware of the difficulty of AP courses and the exams offered at the end of each course. Sending them your AP exam grades can send a signal that you're ready for the challenges college presents.
5. Start college as a sophomore. That's right; more than 1,400 institutions in the United States alone grant a full year's credit to students who present satisfactory grades on enough AP exams.
6. Save money on tuition. A qualifying grade on an AP exam can translate into major savings. A course credit at a state university can be worth about \$300.00, and at a private college or university you'll save about \$3,000.00.
7. Have more time for yourself in college. Gaining college credit or advanced standing can give you time for fun that you might not have otherwise been able to pursue, such as travel and study abroad, or independent studies.
8. Increase your options. Earning AP credit has allowed thousands of students to take a double major in college, move into upper-level courses in their field of interest, or complete their undergraduate degrees in less than four years.
9. Get a clear idea of what you want to do next. Students who are unsure about future plans say that AP helped steer them toward college or advanced studies.
10. Improve your self-esteem. You'll know in advance that you have the ability to succeed in college courses –because you already have.

For more information, talk to your counselor, AP coordinator, or other student's already taking AP courses or access information online at [www.collegeboard.com](http://www.collegeboard.com)

***AP courses will prepare students for the College Board Advanced Placement (AP) exam given each May. If students want the opportunity to earn college credit, they must take and pass the AP exam provided by College Board. College Board charges a fee for this exam. It is recommended that students take the College Board AP test but it is not required.***



**ADVANCED PLACEMENT and HONORS  
STUDENT/PARENT AGREEMENT  
El Camino Fundamental High School**

Honors courses offered at El Camino:

Honors Biology	Honors Concert Band	Honors English 1, 2, 3
Honors French 3	Honors Physiology	Honors World History

Advanced Placement courses offered at El Camino:

AP Biology	AP Calculus (AB)	AP Calculus (BC)
AP Chemistry	AP Comparative Government and Politics	AP English Language and Composition
AP English Literature and Composition	AP Environmental Science	AP European History
AP French	AP Physics 1	AP Psychology
AP Spanish	AP Statistics	AP US History
AP US Government and Politics		

AP courses provide students with wonderful opportunities to grow as students and individuals and challenge themselves personally and academically.

**ACADEMIC EXPECTATIONS/RIGOR:**

- Summer work, if assigned by the teacher, must be completed and submitted by the teacher-determined due date. Failure to complete summer work will significantly impact your grade in the course.
- Student has met the prerequisite for the course requested.
- The course workload (homework, reading, essays, etc.) will be greater than that of the regular corresponding course.
- Preparation for and engagement in class discussions is a vital component of success in AP.
- Courses are designed to develop increased sophistication in students' critical reading, writing, and thinking skills in order to prepare the student for university-level work (rather than to make their college applications more competitive).
- All students are strongly encouraged to prepare for, sign up for, and take the corresponding AP exam for this course.
- Student may be removed from the course if (s)he does not have a C or higher at the end of the first semester.

**FOLLOW-THROUGH COMMITMENT:**

- Once enrolled, you will be expected to follow through with beginning and completing the course.
- As a policy, we do not switch students from an AP course to the corresponding regular course, even if summer work is not completed. Enrollment in the corresponding regular class is at a maximum and seats are not held for students who wish to transfer from AP.
- Students enrolling in 3 or more AP/Honors courses need to be aware that as a policy, we do not switch students from these courses to the corresponding college preparatory course. If you want to reduce the number of AP/Honors course enrollment in the corresponding college preparatory course is at a maximum and seats are not held for students who wish to transfer.
- Regarding level changes, students must have a conversation with their teacher prior to requesting a level change from their counselor. A change can be made up to two weeks after the first grading period.

**GRADING POLICIES:**

- As AP course grades are weighted, the expectations related to grading are higher. Students who may be accustomed to receiving very high grades in other classes may find it more challenging to earn these grades in AP courses. However, your weighted GPA will show a grade boost (Example: Weighted B = an A, exception being D = D, D's are not calculated as weighted).

**Please refer to the course syllabus for additional information, guidelines, and requirements.**

# Graduation Recognition

## **Graduation Participation**

Participation in the graduation ceremony is a privilege. Only those students who fully meet the SJUSD graduation requirements, students without outstanding debt, and those students who maintain regular attendance in classes will be allowed to participate. Seniors on social probation will not be allowed to participate in the graduation ceremony. Graduation speakers and performers are selected through an audition process. Valedictorians are recognized in the ceremony. Mid-Year graduates can participate in the graduation ceremony.

## **Valedictorian**

Valedictorians are the students with a 4.0 *un-weighted* grade point average entering into the final semester of the senior year and who complete a minimum of 10 one-year honors and/or Advanced Placement courses, with at least 5 of them being AP courses. AP Government will count. Only original grades will be used to determine valedictorian status (no repeat courses).

## **Senior Top Ten**

The 10 seniors with the highest *weighted* grade point average after the 7<sup>th</sup> semester will be recognized at graduation.

## **Graduation Honor Guard**

The top 10 students from the Junior class based on their cumulative, weighted GPA and good citizenship will be selected to serve as the Honor Guard for the graduation ceremony.

## **Lyceum**

The Lyceum program awards special recognition to El Camino High School students who demonstrate outstanding achievement in academics, leadership, and community service. Specific requirements and forms to be completed are available on the El Camino website.

## **Block Letter/Lamp of Learning**

A student who achieves two semesters of a 3.5 weighted GPA is eligible for an Academic Block Letter. Freshmen credits are applied in the sophomore year. Once the block is received, subsequent semesters of 3.5 weighted GPA earn a Lamp Of Learning. Block letters/Lamp of Learning are not automatically awarded; you need to apply for them. To apply submit application and most recent transcript to the Vice Principals' Office.

## **CSF/NHS – California Scholarship Federation/National Honor Society**

CSF seeks to develop responsible leadership in school by recognizing outstanding academic achievement. Students must earn at least ten grade points during the previous semester in accordance with the following system:

- A = 3 points
- B = 1 point (AP and honors courses earn 2 points)
- C = 0 points
- D or F = immediate disqualification

PE, teacher's aide/TA/IWE, and ROP do **not** count. Students must apply each semester for membership. Gold Seal Bearers, life members of CSF, are honored at graduation with a gold tassel, gold cord, lamp pin, certificate, gold seal on the diploma, and gold seal on all transcripts. Gold seal bearers are those students who have been CSF members for 4 or more semesters, one semester must include senior grades.

## SCHEDULE CHANGE GUIDELINES

Students who enroll in a year-long course **MUST** maintain their enrollment in that class. *The expectation is that they will continue for both semesters unless a teacher recommends a level change. It is particularly important to choose wisely when signing up for Honors or AP courses for the following year. El Camino must set the year-long master schedule the prior spring based on student requests, and we do not have flexibility in adjusting the master schedule and therefore student's schedules once the school year has begun. Seniors, especially, should think about their overall time commitments to school, academics, athletics, outside obligations, or work. Please realize we often **do not have space** in the basic academic subject areas if a student wants to drop from AP or Honors level.*

### **FALL**

Students must stay in the courses that they are registered for unless:

- a) they are in a course they took during summer school
- b) they are enrolled in a course they have completed and have received credit
- c) they were assigned a teacher whose class they failed the previous year
- d) they need to repeat a course they previously failed

### **SPRING**

Students must stay in the courses that they registered for unless:

- a) one of their fall courses is only a semester in length
- b) their teacher recommends a leveling change
- c) they need to repeat a course they previously failed
- d) they are enrolled in a course they have completed

An additional consideration for schedule changes during spring semester is that if you applied to a 4-year college and indicated on your college application that you plan to take a specific class second semester they expect you to take it. If you change your academic program or academic level (i.e. from AP to standard or dropping a math or science class) you will need to alert all colleges where you applied. They assess you on your plans as well as your history and have the right to rescind their acceptance if your final records do not match your self-reported application information.

**The following provisions will serve as guidelines for grading when a student fails to complete a class in which he/she is formally enrolled.**

1. Students who enroll in classes are expected to complete those classes on either a semester or year basis.
2. Students who drop a course after 20 regular school days shall receive a drop "F" grade for that class which will appear on the transcript as a 5 unit class with an "F" grade.
3. Based on the recommendation of the teacher and concurrent agreement of the administrative designee, a student may change academic levels without penalization of an "F" grade.
4. The final decision concerning a drop "F" for all class changes will be determined by the principal.
5. Incomplete grades shall be made up within three weeks from the date of the original grade or will default to an F grade.

## COURSE DESCRIPTIONS

These descriptions are provided as a guide to assist parents and students in academic planning. Courses offered are designed to meet high school graduation, vocational planning, and college admissions. Course availability is determined by student interest and need derived from pre-registration each spring. If there are not enough students requesting a class or if an appropriate teacher is not available, it may not be offered.

Although the counseling staff attempts to accommodate student requests, it is ***impossible*** to guarantee that a student will be placed in a particular class. We do guarantee they get what they need to graduate over the four year period and move on to the next level of post-secondary education.

All courses receive 5 credits each semester. Regional Occupational classes (R.O.P.) receive 10-15 credits each semester. ***If you receive credit for an academic course and then repeat that course to improve your grade, you do not receive duplicate credit.***

Please refer to descriptions below if courses are designated with an asterisk.

\*+ Courses designated “Honors and AP” are weighted and receive an extra grade point (i.e., A=5, B=4, C=3). A grade of D in an Honors or AP course is considered a deficiency and does not receive the extra grade point. (A ‘D’ grade is passing for graduation but may not be applicable for college admissions requirements.) **As a general rule, transferring from AP to regular level courses is dependent upon space availability and it may not be possible to make a change. Students and parents are encouraged to choose courses wisely. If students sign up for a year-long AP or Honors course, the expectation is that they will remain in that class both semesters.**

All students are expected to maintain a “B” average or above in the AP or Honors level class. Students who do not meet these criteria may be recommended for placement in regular classes at the end of each semester.

\* Course receives extra grade points for UC and CSU application. CSU grants credit for students who earn a score of 3 or higher on AP tests. Students interested in out of state schools should contact admissions office of that school for information regarding AP credit. Some UC campuses only grant elective and general education credit for AP tests. Some UC’s use AP tests for placement only, not credit. Check each campus for guidelines.

If you have further questions or would like an education plan, contact your counselor.

## CAREER TECHNICAL DEPARTMENT

Students who complete a three-year sequence of technology course work will be eligible to apply for a certificate of completion in Manufacturing, Drafting Technology or, TV/Radio and Computers (i.e., Metals 1, Metals 2 and Metals Directed Project; Drafting 1, Computer Drafting and Advanced Drafting; TV/Radio, Advanced TV/Radio and Directed Project; and CTE/ROP or college computer course).

Course Name	<b>INTRODUCTION TO GAME DEVELOPMENT (COMPUTER ARTS)</b>	Course Code: <b>310301S</b>
Grade Level:	9-10	
Duration:	1 semester	
Prerequisites:	None	
Graduation Req:	Elective credit	

This semester long course introduces students to the basics of Game Design. Students will work in teams to explore Game Design concepts by creating non-digital prototypes of games using Paper, Cards, Dice, Spinners, Catapults, Whatever crazy implements they can construct.

Course Name:	<b>GAME DEVELOPMENT (GAMES AND GAME THRORY VC)</b>	Course Code:	<b>98628</b>
Grade Level:	10-11		
Duration:	2 semesters		
Prerequisites:	C- or higher in Introduction to Game Development		
Graduation Req:	Elective credit		

This yearlong course will have students create 2D and 3D game assets ranging from simple pixel art game environments and sprites all the way up to animated 3D models using Blender animation software.

Course Name:	<b>COMPUTER ASSISTED DESIGN/DRAFTING 1</b>	Course Code:	<b>392028</b>
	Advanced Architectural and Mechanical Drafting		
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Elective credit		

This is an exciting introductory course designed for the creative novice student who has a future occupational interest in Architecture or Engineering. The student will learn to utilize basic 2-dimensional computer aided drawing techniques in the development of various engineering and residential design projects related to the fields of architectural and mechanical engineering. It is not necessary that students have an understanding of traditional drafting before enrolling in this course.

Course Name:	<b>COMPUTER ASSISTED DESIGN/DRAFTING 2</b>	Course Code:	<b>391067</b>
	Advanced Architectural and Mechanical Drafting		
Grade Level:	10-12		
Duration:	2 semesters		
Prerequisites:	CADD 1 with a grade of “C” or better		
Graduation Req:	Elective credit		

This is a challenging design course intended for the advanced student who has a future occupational interest in Architecture or Engineering. The student will learn to utilize advanced 2-D and 3-D computer aided drawing techniques in the development of various engineering and commercial building projects related to the fields of architectural, structural and mechanical engineering. It is necessary that students have passed CADD 1 with a grade of "C" or better, or have instructor approval before enrolling in this course.

Course Name:	<b>MANUFACTURING TECH: METALS 1</b>	Course Code:	<b>391050</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets Elective graduation requirement, and also meets UC/CSU "g" requirement.		

Metals Technology explores how humans use the material known as metal to shape the world we live in through new technology. Students will gain skill and knowledge of the material, tools, and equipment of the metal working industry by hands on project fabrication. Basic automotive maintenance and repair along with basic engine principals will also be covered. The areas of sheet metal, measurement, oxygen-acetylene welding/brazing, fabrication, art metal, and manufacturing careers will all be explored. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>MANUFACTURING TECH: METALS 2</b>	Course Code:	<b>391051</b>
Grade Level:	10-12		
Duration:	2 semesters		
Prerequisites:	Manufacturing Metals Technology 1 with a "C" or better		
Graduation Req:	Meets Elective graduation requirement, and also meets UC/CSU "g" requirement.		

Metals Technology II explores how humans use the material known as metal to shape the world we live in through new technology. Students apply their knowledge and skills acquired from Manufacturing Metals Technology I to gain more experience with material, tools, and equipment of the metal working industry by hands on project fabrication. The areas of sheet metal, precision measurement, and electric welding processes including GMAW, SMAW and PAC will be heavily emphasized as well as basic Machining. Careers and design will also be further explored. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>MANUFACTURING TECH: METALS 3*+</b>	Course Code:	<b>391052</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Manufacturing Metals Technology 2 with a "C" or better		
Graduation Req:	Meets Elective graduation requirement, and also meets UC/CSU "g" requirement		

Third year Metal Technology students skills will be challenged on every manufacturing level throughout the duration of two semesters. Welding processes including GMAW, SMAW, GTAW, PAC, and OAC will be heavily practiced. Weld Inspection, Weld Symbols, and different Weld Types, Patterns, and Positions will be covered through hands on project fabrication. Advanced precision measurement and Machining techniques will also be skills that students build with machines including metal lathes, milling machines, surface grinders and presses. Students will learn CNC programming using MasterCam CAD software. This class is combined with Manufacturing Metals Technology 4 and Pre-Engineering Technology 3. Students have the opportunity to earn 3 CSU transferrable credits for the American River College course "Welding 300". Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>ADVANCED STUDIES METALS</b>	Course Code:	<b>330405</b>
Grade Level:	12		
Duration:	2 semesters		
Prerequisite:	Manufacturing Metals Technology 3 with a "C" or better		
Graduation Req:	Elective credit		

Fourth year Metal Technology students will practice heavy welding and machining by hands on project fabrication on much larger scales. Structural design and integrity will be practiced through the fabrication of roll around tool cabinets, equipment support devices and large scale school community projects including cabinetry, carpentry, and wood framing. Application of the MasterCam program by implementing the software into computer controlled machining equipment will open the doors to the world of CNC machining. Challenging art projects will be assigned that include bearing mechanics and clearance/tolerance concepts. Additional welding projects using SMAW, GTAW, PAC and OAC will be further practiced. This class is combined with Manufacturing Metals Technology III and Pre-Engineering Technology III. Students may have the opportunity during the second semester to earn 3 CSU transferrable credits for the American River College course "Welding". Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>RADIO AND TV</b>	Course Code:	<b>315507Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	In support of the class content standards and school-wide standardized testing, there is a reading and note taking component to Beginning Radio/TV		
Graduation Req:	Elective credit		

This is a one year course in Radio and Television concepts with an emphasis on production skills, such as playback, recording, mixing, microphone use, SFX, video recording, composition, and script mechanics. Students who demonstrate exceptional aptitude and attitude are invited to join KYDS and/or LoDown Productions as a staff member in Directed Study.

## EAGLE POLYTECHNIC INSTITUTE

The Eagle Polytechnic Institute (E.P.I.) is a Career Technology Academy that will introduce students to careers in engineering, manufacturing and construction, drafting technology (computer assisted drafting), computer science, business operations, and media broadcasting (TV/Radio.) E.P.I. is an academically challenging program designed to expose students to the ever-emerging high tech careers of the future. The program offers integrated course work in math, science, English, and technology. E.P.I. is a four, three, or two-year program where students enroll in a series of courses. Students apply to begin the program in their freshman, sophomore or junior year. Those who complete all the tech/prep course work will be honored as an EPI graduate at the graduation ceremony. Entrance to the EPI program requires an application process and students may apply to enroll in the full college tech/prep graduate program or partial program. For more information, contact Mr. Santillanes or Ms. Riggs.

Course Name:	<b>DIRECTED PROJECT/RADIO</b>	Course Code:	<b>310900Y</b>
Grade Level:	10-12		
Duration:	1-2 semesters		
Prerequisites:	Complete Beginning Radio/TV with a C or better and approval from the instructor		
Graduation Req:	Elective credit		

By contract and under the direction of the KYDS General Manager, students utilize their skills in all phases of a radio station's operations, including: on-air personality, production, administration and maintenance. Students also have the opportunity to serve the station as departmental officers and station managers. Students are required to attend station staff meetings and work outside class hours to complete broadcast production assignments.

Course Name:	<b>ADVANCED RADIO/TV</b>	Course Code:	<b>360430Y</b>
Grade Level:	10-12		
Duration:	1-2 Semesters		
Prerequisites:	Complete Beginning Radio/TV with a C or better and approval from the instructor		
Graduation Req:	Elective credit		

By contract and under the direction of the instructor, students utilize their skills in all phases of a TV station's operations, including: booth control and camera operation, tape editing and presentation; tape delay, live and remote production; and station administration and maintenance. Course is offered only 5<sup>th</sup> period. Additionally students will be required to attend station staff meetings and work outside class hours to prepare production elements for closed-circuit broadcasts.

Course Name:	<b>DIRECTED PROJECT/TELEVISION</b>	Course Code:	<b>310900</b>
Grade Level:	11-12		
Duration:	1-2 semesters		
Prerequisites:	Complete Advanced Radio/TV with a C or better and approval from the instructor		
Graduation Req:	Elective credit		

This is an advanced course in television production and management. By contract and under the direction of television station faculty, students will acquire and utilize television station management skills in the areas of directing, editing, sound, production and studio management. Students are required to attend station staff meetings and work outside class hours to complete production assignments. Students also serve the station as officers in each of the major production departments.



Course Name:	<b>PRE-ENGINEERING TECH 1*</b>	Course Code:	<b>880280Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	Acceptance into EPI		
Graduation Req:	Meets Elective credit graduation requirement, and also meets UC/CSU "g" requirement		

Pre-Engineering Tech I is the first course of the career path in the Pre-Engineering (Eagle Polytechnic Institute) Academy. The course is an exploratory course which will introduce the students to the basic principles of engineering. Through the use of hands-on projects, the students will begin their studies of technical drawing, electricity and electronics, manufacturing/construction, power and energy, and the design process. Students completing this course with a C or better will fulfill the UC/CSU "g" requirement, and have the opportunity to earn 1 unit of transferrable credit at American River College for completing the Introduction to Engineering course requirements.

Course Name:	<b>PRE-ENGINEERING TECH 2*/EPI CADD</b>	Course Code:	<b>880281Y</b>
Grade Level:	10-11		
Duration:	2 semesters		
Prerequisites:	Instructor approval or EPI student		
Graduation Req:	Meets Elective credit graduation requirement, and also meets UC/CSU "g" requirement		

EPI CADD is an introductory course into the use of computer aided drafting and design. Through the use of AutoCAD software, the student will learn to accurately use the software to create architectural and mechanical drawings, and they will also learn basic drafting techniques and standards as they apply to CADD. Several projects are designed to relate to other EPI courses in which the student is concurrently enrolled. Students completing this course with a C or better will fulfill the UC/CSU "g" requirement, and have the opportunity to earn 3 units of transferrable credit at CSU Sacramento for completing the Introduction to Engineering (ENGR 6) course requirements.

Course Name:	<b>PRE-ENGINEERING TECH 3 *</b>	Course Code:	<b>880282Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Engineering Tech 1, or Tech 2, Metals 1 or Metals 2, or teacher approval		
Graduation Req:	Meets Elective credit graduation requirement, and also meets UC/CSU "g" requirement		

Pre-Engineering Tech 3 is the final course in the E.P.I. pre-engineering series. This class is designed to prepare students for college engineering lab courses. Through large scale projects that involve engineering design and project planning students will study and develop skills in construction and metals technology. Welding processes including GMAW, SMAW, GTAW, PAC, and OAC will be heavily practiced. Weld Inspection, Weld Symbols, and different Weld Types, Patterns, and Positions will be covered through hands on project fabrication. Advanced precision measurement and Machining techniques will also be skills that students build with machines including metal lathes, milling machines, surface grinders and presses. Students will learn CNC programming using MasterCAM CAD software. Safety procedures will be covered. This class is combined with Manufacturing Metals Tech 2 and 3. Students completing this course with a C or better will fulfill the UC/CSU "g" requirement, and have the opportunity to earn 3 unites of CSU credit at CSUS for completing the Metals 37 course requirements. Students will also have the opportunity during the second semester to earn CSU transferrable units (3 units of college credit) for the American River College course "Welding 300".

## ENGLISH DEPARTMENT

Course Name:	<b>ENGLISH 1*</b>	Course Code:	<b>315811Y</b>
Grade Level:	9		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility		

This first course in English curriculum focuses on basic language arts, writing, reading, and speaking. Writing skills stressed are sentence structure, paragraph development, logical thinking, and organization. Frequent journal writing and mini lessons in grammar and punctuation are included. Literature read in this course includes one major work per semester as well as short stories and poems. Frequent assignments for oral presentations offer students the opportunity to practice speaking skills. Students are expected to meet the Common Core Standards for Language Arts for grade 9.

Course Name:	<b>HONORS ENGLISH 1*+</b>	Course Code:	<b>315841Y</b>
Grade Level:	9		
Duration:	2 semesters		
Prerequisites:	Approval based on 8 <sup>th</sup> grade articulation recommendation		
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility		

This class is designed for academically able students. Students read five or six major works of literature and write several papers per semester. Writers studied include: Shakespeare, Dickens, Wright, Hansberry, and many others. During class students discuss literature, give group oral presentations, and study the art of expository writing. Students are expected to meet the Common Core Standards for Language Arts for grade 9.

Course Name:	<b>ENGLISH 2*</b>	Course Code:	<b>315812Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	Sophomore status		
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility		

English 2 stresses writing as a process which includes pre-writing, brainstorming, writing rough drafts, and revising work several times. Students write several papers per semester, 12 per year. Students read literature to identify major themes and to analyze and interpret literature. Core literature includes: *To Kill A Mockingbird*, *Lord Of The Flies*, *Antigone*, *Julius Caesar*, *Much Ado About Nothing*, and *Night*. Students are expected to meet the Common Core Standards for Language Arts for grade 10.

Course Name:	<b>HONORS ENGLISH 2*+</b>	Course Code:	<b>315842Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	A or B in Honors English 1, or A in English 1 with teacher recommendation; <b>required summer reading</b>		
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility		

Several written compositions are required each semester in addition to oral assignments covering speech and debate skills. Students read and discuss extensively short stories, poems, and essays as well as core works of literature including *A Separate Place*, *Lord Of The Flies*, *Antigone*, *Othello*, and *Night*. Outside reading is also required each semester. **Student may be removed from class if does not complete summer reading assignment**, or if does not have a C or higher at the end of first semester. Students are expected to meet the Common Core Standards for Language Arts for grade 10.

Course Name:	<b>ENGLISH 3*</b>	Course Code: <b>315813Y</b>
Grade Level:	11	
Duration:	2 semesters	
Prerequisites:	Junior status	
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility	

English 3 is a demanding class that prepares students for college-level reading, writing, and thinking. Reading assigned in this class is balanced between traditional American literary short fiction, poetry, plays, and novels and more contemporary nonfiction articles and essays about cultural, social, and political issues. The writing assigned is also balanced between literary analyses and expository writing which focuses on building and sustaining arguments about significant issues. Research is required for some assignments. Grammar and vocabulary are also studied in this class to strengthen writing skills. Major literary works to be studied might include Arthur Miller's *The Crucible*, F. Scott Fitzgerald's *The Great Gatsby*, and J.D. Salinger's *The Catcher in the Rye*. Students are expected to meet the Common Core Standards for Language Arts for grade 11.

Course Name:	<b>HONORS ENGLISH 3*+</b>	Course Code: <b>3158843Y</b>
Grade Level:	11	
Duration:	2 semesters	
Prerequisites:	A or B in Honors English 2 or A in English 2 with teacher recommendation; <b>required summer reading</b>	
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility	

Honors English 3 is an advanced English class in which students practice intense critical reading, intense critical writing, and intense critical thinking. The primary goal of this class is to prepare students for AP English their senior year. Central to this class is the study of American literature and its many movements such as Romanticism, Realism, Modernism, and Postmodernism. Since the AP English Exam is largely a writing exam, students in this class frequently practice writing interpretations and analyses of the literature throughout each unit of study. Thus, the reading and writing workload is heavy in this class. Research is required for some assignments. The teaching method is mostly Socratic/discussion; students should be willing to engage in thoughtful dialogue about the often complex ideas presented in American literature. Additionally, students will work in groups, do some outside class reading, and perform a major oral presentation. The reading list includes selections from Nathaniel Hawthorne, Edgar Allan Poe, Walt Whitman, Emily Dickinson, F. Scott Fitzgerald, Kurt Vonnegut, Edward Albee, Joyce Carol Oates, and others. Summer reading is required. Students must maintain a C average to remain in the class and a B average to continue on to AP English. Students are expected to meet the Common Core Standards for Language Arts for grade 11.

Course Name:	<b>CSU EXPOSITORY READING &amp; WRITING*</b>	Course Code: <b>315661Y</b>
Grade Level:	12	
Duration:	2 semesters	
Prerequisites:	Senior status; English 1, English 2, and English 3	
Graduation Req:	Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility	

This course will prepare seniors for the literacy demands of higher education and literate citizenship. The cornerstone of the course is a scaffold process helping students read, comprehend and respond to nonfiction and literary texts. The ERWC is closely aligned to the Common Core State Standards for English Language Arts and seven criteria of the UC English requirements. Only teachers trained by CSU professors may teach the course. Seniors with "Ready for College-Conditional" scores on the Early Assessment Program (EAP) test can complete their college entrance English requirements with ERWC. **Achieving a grade of C or better in both semesters will allow students to enter college at the freshman English level**, avoiding freshman remedial English coursework.

Course Name: **ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE AND COMPOSITION \*+** Course Code: **315719Y**

Grade Level: 11

Duration: 2 semesters

Rec. Prerequisites: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

Graduation Req: Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility. May result in college credit and/or advanced placement.

The 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 texts, from many disciplines and historical periods.

Course Name: **ADVANCED PLACEMENT (AP) ENGLISH LITERATURE AND COMPOSITION \*+** Course Code: **315718Y**

Grade Level: 12

Duration: 2 semesters

Rec. Prerequisites: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

Graduation Req: Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility. May result in college credit and/or advanced placement.

The 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.

Course Name: **CREATIVE WRITING** Course Code: **315615S**

Grade Level: 11-12

Duration: 1 semester

Prerequisite: Senior status with a B or better in previous semester of English or teacher approval. Students must be readers who have a good grasp of the methods of literary analysis

Graduation Req: Meets Elective credit graduation requirement, and also meets UC/CSU "g" requirement

The course covers reflective essay, poetry, writing for newspapers and magazines, short stories, and plays. Reading of models of each genre is required. Students read, write, and share verbally daily.

Course Name: **DYSTOPIAN LITERATURE\*** Course Code: **351640Y**

Grade Level: 12

Duration: 2 semesters

Prerequisite: Senior status with a B or better in previous semester of English or teacher approval. Students must be readers who have a good grasp of the methods of literary analysis

Graduation Req: Meets English graduation requirement, also meets UC/CSU "b" requirement and NCAA eligibility.

America is a nation of rebels. We have a long tradition of rooting for the little guy who fights back against "The Establishment," "The System" or "The Man" – whatever or whomever that is. This course explores various dystopian literatures and its anti-heroes, how totalitarian societies create and enforce principles of what is "right," "normal,"

or “proper,” and how these affect their anti-heroes, often driving them to acts of rebellion. We will study this literature in the context of cultural and literary criticism, investigating how dystopian societies construct and manipulate morality, gender, sexuality, and otherwise acceptable human behavior. This course will be taught in the spirit of a college-level literature class and is intended for mature, open-minded students who have a slight streak of rebellion running through them. The reading list will include *1984* (George Orwell), *The Handmaid’s Tale* (Margaret Atwood), *Brave New World* (Aldous Huxley), *One Flew Over The Cuckoo’s Nest* (Ken Kesey), and *Fahrenheit 451* (Ray Bradbury). Students are expected to meet the Common Core Standards for Language Arts for grade 12.

Course Name:	<b>ENGLISH I (TRANSITION)</b>	Course Code: <b>315881Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisite:	None	
Graduation Req:	Meets English graduation requirement	

Designated ELD for the “emerging” exit level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English Works 4) Using Foundational Literacy Skills.

Course Name:	<b>ENGLISH II (TRANSITION)</b>	Course Code: <b>315882Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisite:	None	
Graduation Req:	Meets English graduation requirement	

This course fulfills English II requirements for graduation. English II Transition is designed to provide a positive, culturally supportive environment for Limited English Proficient students in which they obtain listening and speaking skills to function in a school environment. This course will also give the students the opportunity to increase their vocabulary, reading comprehension, and writing skills.

Course Name:	<b>ENGLISH III (TRANSITION)*+</b>	Course Code: <b>315883Y</b>
Grade Level:	9 -12	
Duration:	2 semesters	
Prerequisite:	None	
Graduation Req:	Meets English graduation requirement, also meets UC/CSU “b” requirement and NCAA eligibility	

Designated ELD for the “emerging” exit level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English Works 4) Using Foundational Literacy Skills.

Course Name:	<b>ELD I (SUPPORT)</b>	Course Code: <b>315866Y</b>
Grade Level:	9-12 (by teacher recommendation)	
Duration:	2 semesters	
Prerequisite:	None	
Graduation Req:	Elective Credit	

Designated ELD for the “emerging” exit level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English Works 4) Using Foundational Literacy Skills.

Course Name: **ELD II (SUPPORT)**  
Grade Level: 9-12 (by teacher recommendation)  
Duration: 2 semesters  
Prerequisite: None  
Graduation Req: Elective Credit

Course Code: **315867Y**

Designated ELD for the “emerging” exit level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English Works 4) Using Foundational Literacy Skills.

Course Name: **ELD III (SUPPORT)**  
Grade Level: 9-12 (by teacher recommendation)  
Duration: 2 semesters  
Prerequisite: None  
Graduation Req: Elective Credit

Course Code: **315868Y**

Designated ELD for the “emerging” exit level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English Works 4) Using Foundational Literacy Skills.

Course Name: **FILM & LITERATURE**  
Grade Level: 11-12  
Duration: 1 semester  
Prerequisites: None- but students should have a solid ability to interpret literature  
Graduation Req: Elective credit; meets UC/CSU “g” elective requirement

Course Code: **315320S**

In Film and Literature, students will explore connections between great films and classic literature. They will examine and evaluate films based on novels, plays, and short stories, and also make connections between themes and devices in literature and film.

Course Name: **JOURNALISM/NEWSPAPER\***  
Grade Level: 9-12  
Duration: 2 semesters  
Prerequisites: B in English, keyboarding and/or computer skills preferred, application required  
Graduation Req: Elective credit; meets UC/CSU “g” elective requirement

Course Code: **3152063Y**

The newspaper class produces the monthly school paper, *The Eagle Eye*. Staff consists of writers, editors, photographers, artists, lay-out and ad sales people. Work load is heavy and many after school hours are involved.

Course Name: **JOURNALISM/YEARBOOK\***  
Grade Level: 9-12  
Duration: 2 semesters  
Prerequisites: B in current English class, strong work ethic, attention to detail, mature attitude. Keyboarding and/or computer skills preferred, application required  
Graduation Req: Elective credit; meets UC/CSU “g” elective requirement

Course Code: **315204Y**

The yearbook class produces the yearbook, *The Aerie*. Staff consists of one editor-in-chief, several assistant editors, and general staffers. Duties include photography, design, writing, editing and computer use. Students must be mature, independent, self-motivated and able to meet deadlines. Many after school hours are involved which may conflict with sports or jobs. Yearbook class looks great on college applications.

## AVID – ADVANCEMENT VIA INDIVIDUAL DETERMINATION

AVID elective courses at all grade levels are designed to prepare, in an academic context, disadvantaged students for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, note taking, and research.

Course Name:	<b>AVID 1</b>	Course Code:	<b>315701Y</b>
Grade Level:	9		
Duration:	2 semesters		
Prerequisites:	Must have desire and motivation to enroll into a four-year college/university after high school. Students must go through recruitment process which includes an interview with the El Camino site team. 8 <sup>th</sup> grade AVID suggested but not required		
Graduation Req:	Elective credit; also meets UC/CSU “g” requirement		

AVID prepares students “in the middle” and those who are traditionally underserved for entry into four-year universities. This is a college preparatory program which requires students to enroll in rigorous curriculum that satisfies the UC system’s A-G requirements, while being supported in the AVID class through writing, inquiry, collaboration, and reading strategies. **Note taking for all classes every day is required.**

Course Name:	<b>AVID 2</b>	Course Code:	<b>315702Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	AVID 1 or AVID site team approval		
Graduation Req:	Elective credit; also meets UC/CSU “g” requirement		

AVID prepares students “in the middle” and those who are traditionally underserved for entry into four-year universities. This is a college preparatory program which requires students to enroll in rigorous curriculum that satisfies the UC system’s A-G requirements, while being supported in the AVID class through writing, inquiry, collaboration, and reading strategies. AVID 2 continue the student’s path to college and require all students to take the PSAT and PLAN tests. **Note taking for all classes, every day is required.**

Course Name:	<b>AVID 3</b>	Course Code:	<b>315703Y</b>
Grade Level:	11		
Duration:	2 semesters		
Prerequisites:	AVID 1 and 2 or AVID site team approval		
Graduation Req:	Elective credit; also meets UC/CSU “g” requirement		

AVID prepares students “in the middle” and those who are traditionally underserved for entry into four-year universities. This is a college preparatory program which requires students to enroll in rigorous curriculum that satisfies the UC system’s A-G requirements, while being supported in the AVID class through writing, inquiry, collaboration, and reading strategies. AVID 3 continue the student’s path to college and require all students to take the PSAT, SAT, and ACT tests. In addition, it is strongly urged that AP and Honors classes are taken. **Note taking for all classes every day is required.**

Course Name:	<b>AVID SENIOR SEMINAR*</b>	Course Code:	<b>315721Y</b>
Grade Level:	12		
Duration:	2 semesters		
Prerequisites:	Previous enrollment in AVID lower-level courses and enrollment in at least one honors or advanced placement (AP) class		
Graduation Req:	Elective credit; also meets UC/CSU “g” requirement		

The AVID Senior Seminar follows the weekly structure of all AVID classes, with two days of teacher led curriculum per week, two days of tutorials, and a day allocated for guest speakers, mini-courses taught by college instructors,

and visits to colleges, museums, art galleries, or drama productions. Throughout the school year, the AVID teacher serves as conduit to colleges and universities as well as to academic departments on campus. This individual assists AVID students in applying for college, researching financial aid and housing, registering for entrance and placement exams, and in preparing for external examinations in the spring. AVID (college) tutors also assist in these processes by providing actual information and giving feedback to AVID seniors regarding their applications and essays. The AVID Senior Seminar is divided into four quarters of emphasis, leading to the student's acceptance at a four-year college or university. Quarter One – gaining admission, Quarter Two – becoming a college student, Quarter Three – Placement and external exam preparation, Quarter Four – selecting a major and career emphasis.

Course Name:	<b>AVID TUTOR</b>	Course Code:	<b>315700Y</b>
Grade Level:	11–12		
Duration:	1 semester		
Prerequisites:	Must obtain AVID counselor or AVID site team approval		
Graduation Req:	Elective credit		

AVID tutors assist students in the AVID elective class on tutorial days. The AVID tutor must be willing to go to 16 hours of training given by the Sacramento County Office of Education. We have provided this training at El Camino for the past two years. The purpose beyond helping AVID students is to teach AVID tutors college readiness and inquiry skills.



## MATHEMATICS DEPARTMENT

The Math Department strongly recommends that all students remain enrolled in a math class until 20 math credits have been earned.

Course Name:	<b>ACCOUNTING I</b>	Course Code: <b>310001</b>
Grade Level:	12	
Duration:	2 semesters	
Prerequisites:	Passed all semesters of Algebra 1 and Geometry	
Graduation Req:	Elective Credit, submitted to meet UC/CSU "g" requirement	

Introduction to Accounting will prepare students for entry into careers available in the field of accounting as well as prepare them for a higher education focus of study in Business. This will be accomplished through exploring the basics of accounting principles and the career opportunities available through this knowledge. Standard accounting procedures and accounting for financial transactions will be emphasized.

Course Name:	<b>ALGEBRA 2*</b>	Course Code: <b>335050Y</b>
Grade Level:	12	
Duration:	2 semesters	
Prerequisites:	Passed Geometry	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

Algebra 2 is a course to prepare students for Pre-Calculus or other advanced math courses. Students will study linear equations and inequalities, quadratic relations, function notation and evaluation, systems of equations and inequalities, polynomial expressions, roots and exponents, conics, exponential and logarithmic functions, sequence, series, and probability. Scientific calculators are needed. This course covers Common Core content standards for Algebra 2.

Course Name:	<b>(ESM) SENIOR YEAR MATH</b>	Course Code: <b>335477Y</b>
Grade Level:	12	
Duration:	2 semesters	
Prerequisites:	Algebra 2 or Integrated Math 3 completion with a D or better EAP Mathematics status of level 3, "Conditionally Ready," or level 2, "Not Ready"	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "g" requirement	

The Early Assessment Program (EAP) Senior Year Math (ESM) course is the result of a regional partnership involving a team of math faculty from CSU Sacramento, local community colleges, county offices of education, and area high schools. The goal of the ESM course is to provide math options that support transition to college, focusing on seniors who typically choose to take no math their senior year, making transition to college-level math more challenging. This course is designed to strengthen students' mathematical foundation and deepen their conceptual understanding of mathematical theory, skills, and strategies. The course is grounded in an engaging and innovative learning environment focused on conceptual understanding, where students who may have previously considered themselves unsuccessful in math can learn and thrive.

Course Name:	<b>FINANCIAL LITERACY</b>	Course Code: <b>335482</b>
Grade Level:	11-12	
Duration:	2 semesters	
Prerequisites:	Passed Integrated Math 1 and counselor approval	
Graduation Req:	Meets Math graduation requirement	

This is a two-semester course that assists students in fulfilling the two-year math requirement for high school graduation without continuing on the Integrated Math pathway. Students must have completed Integrated Math 1 before taking this course. Topics of study include: Number Sense and Operations, Algebra and Functions, Geometry and Measurements, Statistics, and Mathematical Reasoning. Emphasis is placed on building mathematical skills and the application of those skills to the real world.

Course Name:	<b>INTEGRATED MATHEMATICS 1*</b>	Course Code: <b>335483Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisites:	None	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

Integrated Math 1 is the first course in a 3-course sequence designed for students to study Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. In the first semester of IM1, students are introduced to linear expressions, functions, and equations. They learn to describe real-world situations using linear models, as well as writing equations in the 3 standard forms, graphing equations, and intersecting lines. In the second semester, they study exponential models in a similar way and learn to compare the two models. Then the focus switches to the study of geometry, with an emphasis on basic shapes, transformations, constructions, and congruence. The year concludes with a unit on statistics, emphasizing the interpretation of data.

Course Name:	<b>INTEGRATED MATHEMATICS 1 SUPPORT</b>	Course Code: <b>335473Y</b>
Grade Level:	9	
Duration:	1 semester, can be taken twice for elective credit	
Prerequisites:	None	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

The purpose of Integrated Mathematics 1 Support is to strengthen and develop the understanding of the fundamental math concepts taught in CCSS Math 7 and CCSS Math 8. Instructional time should focus on four critical areas: (1) basic number sense; (2) linear equations, inequalities and functions; (3) radicals; and (4) exponents. Students also work toward fluently solving linear equations of any form.

Course Name:	<b>INTEGRATED MATHEMATICS 2</b>	Course Code: <b>335484Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisites:	Completion of Integrated Math 1 with a grade of "C" or better	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

This course is the second course in a series of three that uses an integrated approach to cover the following domains: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course focuses on extending the laws of exponents to rational exponents, and solving and comparing the characteristics of functions, including their associated inequalities. Students will extend their work with similarity, triangle and coordinate proofs, constructions, congruence, and transformations while using proportional reasoning, trigonometric ratios and the Pythagorean Identity. Students will expand their conceptual understanding of probability and statistics. The Standards for Mathematical Practice complement the content standards so that students increasingly engage with the subject matter as they grow in mathematical maturity and expertise throughout the elementary, middle, and high school years.

Course Name:	<b>INTEGRATED MATHEMATICS 2 +</b>	Course Code: <b>335485Y</b>
Grade Level:	9-12	
Duration:	2 semesters	

Prerequisites: Completion of Integrated Math 1 with a grade of “B” in second semester, or teacher recommendation.

Graduation Req: Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility

This course expands upon Integrated Math 2 content. Integrated Math 2+ includes exploring complex polynomial solutions using the Fundamental Theorem of Algebra, extending constructions, and using theoretical and experimental probability to model compound events, permutations, combinations and fair decision making. This course includes additional (+) mathematics to prepare students for advanced courses.

The Standards for Mathematical Practice complement the content standards so that students increasingly engage with the subject matter as they grow in mathematical maturity and expertise throughout the elementary, middle, and high school years.

Course Name:	<b>INTEGRATED MATHEMATICS 3</b>	Course Code: <b>335486Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisites:	Completion of Integrated Math 2 with a grade of D or better	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

It is in the Integrated Mathematics 3 course that students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Some standards are repeated in multiple higher mathematics courses; therefore, instructional notes, which appear in brackets, indicate what is appropriate for study in this particular course. Standards that were limited in Integrated Mathematics 1 and Integrated Mathematics 2 no longer have those restrictions in Integrated Mathematics 3.

The Standards for Mathematical Practice complement the content standards so that students increasingly engage with the subject matter as they grow in mathematical maturity and expertise throughout the elementary, middle, and high school years.

Course Name:	<b>INTEGRATED MATHEMATICS 3 +</b>	Course Code: <b>335487Y</b>
Grade Level:	9-12	
Duration:	2 semesters	
Prerequisites:	Completion of Integrated Math 2+ with a grade of C or better	
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility	

It is in the Integrated Mathematics 3 course that students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Some standards are repeated in multiple higher mathematics courses; therefore instructional notes, which appear in brackets, indicate what is appropriate for study in this particular course. Standards that were limited in Integrated Mathematics 1 and Integrated Mathematics 2 no longer have those restrictions in Integrated Mathematics 3. This course includes additional (+) mathematics standards to prepare students for advanced courses and select standards from California Higher Mathematics.

The Standards for Mathematical Practice complement the content standards so that students increasingly engage with the subject matter as they grow in mathematical maturity and expertise throughout the elementary, middle, and high school years.

Course Name:	<b>MATHEMATICAL MODELING</b>	Course Code:	<b>335479Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	D or better both semesters of Integrated Math 1		
Graduation Req:	Meets Math graduation requirement.		

This course provides an opportunity for students to enhance their development of standards for mathematical practice through a problem-based curriculum that includes a deeper understanding of some Integrated Mathematics 1 standards, an introduction to some Integrated Mathematics 2 standards, and applications of the National Standards in K-12 Personal Finance Education.

Course Name:	<b>PRE-CALCULUS*</b>	Course Code:	<b>335459Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	C or better in Algebra 2		
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and if third year of Math meets "g" requirement and meets NCAA eligibility		

This course is designed to prepare students for Calculus. It applies and reinforces the knowledge gained in Algebra 2. It also covers all the main topics of Trigonometry; solving triangles, graphs, identities, equation solving, and applications. Additional topics are: functions, advanced graphing techniques, vectors, parametric equations, conic sections, complex numbers, sequences and series, and probability. Graphing calculators are required. This course covers all Common Core content standards for Trigonometry as well as reviewing many content standards for Algebra 2.

Course Name:	<b>ADVANCED PLACEMENT (AP) CALCULUS (AB)*+</b>	Course Code:	<b>375017Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Rec. Prerequisites:	Completion of Pre-Calculus (C or higher).		
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and if third year of Math meets "g" requirement and meets NCAA eligibility		

AP Calculus AB is the study of limits and continuity, derivatives, and integrals. Students will study these concepts as applied to algebraic, trigonometric, logarithmic, exponential, piece-wise, and inverse functions. Representations of the functions will exist in a variety of ways, including: numerically, graphically, analytically, verbally, and by using graphing calculators. Students will apply the concepts to ideas such as: rates of change, average value of a function, Riemann sums, accumulation of change, area, volume, and other real world applications. If students want the opportunity to earn college credit, they must take and pass the AP Calculus AB exam provided by the College Board in May. There is a fee for this exam. A graphing calculator is REQUIRED for the course (see College Board website for allowable calculators).

Course Name:	<b>ADVANCED PLACEMENT (AP) CALCULUS (BC)*+</b>	Course Code:	<b>335463Y</b>
Grade Level:	10-12		
Duration:	2 semesters		
Rec. Prerequisite:	Completion of AP Calculus AB (C or better)		
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and if third year of Math meets "g" requirement and meets NCAA eligibility		

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.

Course Name:	<b>STATISTICS*</b>	Course Code:	<b>335475Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisite:	Passed Algebra 2		
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement and NCAA eligibility		

This one year course is designed to teach the students the basics of Statistics. Proper methods of collecting, analyzing, displaying and drawing conclusions from real life will be taught. In addition to normal tests, evaluation will be based on computer labs, individual and group projects. A motivated student may be able to take the AP Statistics exam upon completion of the course (the College Board charges a fee for this exam).

Course Name:	<b>ADVANCED PLACEMENT (AP) STATISTICS*+</b>	Course Code:	<b>335464Y</b>
Grade Level:	10-12		
Duration:	2 semesters		
Rec. Prerequisites:	Students must have taken Algebra 2 before enrolling in AP Statistics.		
Graduation Req:	Meets Math graduation requirement, also meets UC/CSU "c" requirement or if fourth year of Math meets "g" requirement and meets NCAA eligibility		

The 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.

## PHYSICAL EDUCATION DEPARTMENT

Course Name:	<b>PE 1</b>	Course Code:	<b>345801Y</b>
Grade Level:	9		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets Physical Education state mandated graduation requirement. Students must pass five of the six tests in the Fitness-gram Test given in 9 <sup>th</sup> grade to qualify for the two-year exception, which means they can take PE 2 in 10, 11, or 12 grades. If they don't pass they will continue to take PE consecutively until they do.		

Physical education provides students with specific training to assist them with achieving and maintaining their optimum knowledge in movement skills, self-image, personal development and social skills. The major emphasis of study is historical perspectives, fitness, individual and dual sports, aquatics, and rhythms and dance. Students will develop proficient movement skills in each area of individual and dual sports; expand their capabilities for independent learning.

Course Name:	<b>PE 2</b>	Course Code:	<b>345802Y</b>
Grade Level:	10-12		
Duration:	2 semesters		
Prerequisites:	PE 1		
Graduation Req:	Meets Physical Education state mandated graduation requirement		

In the second year of physical education the major emphasis of study are team sports, tumbling, and analysis of movement. Students will explore the relationship between physical education and their personal, social, emotional and intellectual development. Students will be introduced to the application of the principles of levers during movement. They will assume leadership roles, cooperate together to find solutions to problems, and obey rules. This class is aligned directly with the California Physical Education Model common core standards.

Course Name:	<b>PE 5</b>	Course Code:	<b>345802Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Completion of PE 1 and PE 2		
Graduation Req:	Elective credit		

This is a PE elective course. This class will teach and expose students to a variety of different activities, games, and sports that they will be able to participate in throughout their life. This course will include some of the following lifetime activities: weight lifting, disc sports, Pilates, yoga, Zumba, self-defense, aquatics, recreational games, and net sports. The goal is to develop skill and strategy in the selected activities through active participation.

Course Name:	<b>PE X</b>	Course Code:	<b>345815Y</b>
Grade Level:	11-12, 10 <sup>th</sup> * grade with athletic director's approval		
Duration:	1 or 2 semesters		
Prerequisite:	PE 2 and must be in a varsity sport		
Graduation Req:	Elective credit		

PE X will introduce weightlifting technique and expand upon the student's athletic training experience, preparing them for high school sports. The classroom environment is intense and extremely rigorous, includes speed and agility training, and teaches drills promoting power, speed, and explosion through resistance training and fieldwork. This class is offered 6<sup>th</sup> period only. \*10<sup>th</sup> grade students will earn PE 2 credit.

Course Name:	<b>BASKETBALL</b>	Course Code:	<b>345520Y</b>
Grade Level:	11-12		
Duration:	1 or 2 semesters		
Prerequisites:	PE 2		
Graduation Req:	Elective credit		

This class offers instruction in Basketball fundamentals, strategies, techniques, and skills development. It also includes strength development through resistance workouts. Cardiovascular and polymeric training will be incorporated into the workouts. Instruction of muscular structure, types of strength training, fitness vocabulary, and proper lifting techniques will be covered.

Course Name:	<b>BODY CONDITIONING</b>	Course Code:	<b>345107Y</b>
Grade Level:	10-12		
Duration:	1 or 2 semesters		
Prerequisites:	Successful completion of PE 2		
Graduation Req:	Elective credit		

Students will be involved in enhancing physical performance and personal wellness through weight lifting and cardiovascular activities. Students will learn proper techniques of lifting and keep a personal portfolio to enhance conceptual understanding of human performance.

## CTE/ROP and OTHER COURSES

Course Name:	<b>REGIONAL OCCUPATIONAL PROGRAMS (R.O.P.)</b>
Grade Level:	11-12
Duration:	2 semesters
Prerequisites:	None - <b>students must be enrolled in 4 classes on campus</b>
Graduation Req:	Elective credit (5-15 per semester)

Career Technical Education (CTE) is a program of study that involves a multi-year sequence of courses that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to post-secondary education and careers. Typical CTE programs are California Partnership Academies (CPA) and Regional Occupational Programs (ROP). ROP offers high school students job training in many occupational areas such as:

Auto Mechanics I & II	Dental Careers
Bakery Academy	Law Enforcement – Legal Careers
Banking Occupations	Medical Assistant: Administrative
Computer/Business Technology	Stage Production
Construction Technology	Television Occupations 1

The purpose of CTE/ROP is to provide career exploration, as well as prepare students for the world of work BEFORE leaving high school. Students, on a daily basis, engage in coursework specific to their occupational interest until their internship commences. Once placed at internships, students receive ‘hands-on’ job training four days a week while continuing their classroom instruction one day a week. (Internships may be paid or unpaid.) Some ROP courses provide college credit; qualify students to take state licensed exams; and/or provide an entrée into apprenticeship programs. CTE/ROP is an excellent vehicle to jump-start a student’s career; finance educational goals; obtain leadership skills, as well as help students determine the direction of their career path. All CTE/ROP classes earn high school credits.

Course Name:	<b>FRESHMAN FOUNDATIONS</b>	Course Code:	<b>865910</b>
Grade Level:	9		
Duration:	1 semester		
Prerequisites:	None		
Graduation Req:	Elective credit		

This course is designed to help the freshmen student develop skills which will help them be successful in high school and life. The course has two primary themes: *Skills for Academic Success*: Students will be given a strong foundation in effective study habits and will have time and resources for them to be successful in their courses. In this regard, effective study skills will be taught, the student’s academic progress in other courses will be monitored, and students will be directly assisted in order to help them accomplish their goals. *Global Understanding*: Students will be taught about political and physical geography. Students will also learn about different world cultures and will gain a solid understanding of basic geographic skillsets. Students will also engage in the study of current events from throughout the world.

Course Name:	<b>INSIDE WORK EXPERIENCE (I.W.E. /T.A.)</b>	Course Code:	<b>370208Y</b>
Grade Level:	11-12		
Duration:	1-2 semesters		
Prerequisites:	Must obtain teacher or office staff approval and a signed contract on file		
Graduation Req:	Elective credit		

Students provide assistance to either a teacher or office personnel. The purpose of I.W.E. is to teach students job readiness skills, to develop an appreciation for employer expectations, and career exploration.

Course Name:	<b>LEADERSHIP/CURRENT ISSUES</b>	Course Code:	<b>355953S</b>
Grade Level:	9		
Duration:	1 semester		
Prerequisites:	Desire to be a better person, to be a leader.		
Graduation Req:	Elective credit		

This course is an introduction into leadership. It will be an applicational study of leadership and will provide students with an opportunity to hone their leadership skills. The course will give student opportunities to see different leadership styles while being exposed to the different leadership opportunities at El Camino High School.

Course Name:	<b>LINK CREW LEADERSHIP</b>	Course Code:	<b>355960Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Teacher Recommendation		
Graduation Req:	Elective credit		

The purpose of Link Crew Leadership course is to train effective student leaders to facilitate the Link Crew Program. As such, students will focus on developing an increased sense of community, improved school climate, and a successful transition of new students. The Link Crew Leadership class provides time to design and implement connections for current freshmen through both academic and social follow-up and to learn valuable leadership skills through a variety of classroom activities. To improve upon their roles as Link Crew Leaders, students will research and write about current leadership theories, as well as write a standard thesis identifying an area or the school culture that needs to be improved on and developing a solution to the problem. As part of the class, students learn skills including written, interpersonal and intrapersonal communication, personal and professional goal setting, team building, presentation/facilitation, time management, project management, evaluation, reflection, and role modeling.

Course Name:	<b>STUDENT GOVERNMENT</b>	Course Code:	<b>355905Y</b>
Grade Level:	9-12		
Duration:	2 semesters <sup>(1)</sup>		
Prerequisites:	Must be elected or appointed through Student Government process		
Graduation Req:	Elective credit		

Student Government is an elective leadership class that meets only fourth period and is limited to students elected to an Associated Student Body office, elected Class Officers, appointed positions, and up to five incoming freshmen who qualify through an interview and constitution test the summer prior to the upcoming school year. The class is yearlong. <sup>(1)</sup>However, there is a one-semester option for certain “officer” positions open to juniors and seniors. The class is responsible for planning and implementing student activities, managing the student body account, and being the governing body for the student body. Additionally, leadership and teamwork training are key components to the class.



## SCIENCE DEPARTMENT

Course Name:	<b>HEALTH</b>	Course Code:	<b>365211S</b>
Grade Level:	9-12		
Duration:	1 semester		
Prerequisites:	None		
Graduation Req:	Meets graduation requirement		

Health and Safety features a holistic approach to a lifetime of healthy, safe living. Emphasis is on preventative measures. Studies include the nutrition and fitness, avoiding the use of tobacco, alcohol and drugs, infectious and lifestyle diseases, and family life, including sex education. This course is required for graduation.

Course Name:	<b>BIOLOGY*</b>	Course Code:	<b>350105Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets Life Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility		

Biology is a college-prep laboratory-based science course. Students study a wide range of topics, including viruses, cells, biochemistry, genetics, bioengineering, evolution, and ecology.

Course Name:	<b>HONORS BIOLOGY*</b>	Course Code:	<b>350106Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	Recommend at least a C or higher in 8 <sup>th</sup> grade English, Math, and Science		
Graduation Req:	Meets Life Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility		

Honors Biology is an accelerated college-prep laboratory-based science class that uses a molecular approach to Biology. Students study a wide spectrum of topics and perform rigorous laboratory experiments. There is an emphasis on biotechnology and emerging areas of biology. Students complete 1 – 2 writing projects or presentations per semester. Students can be moved to Biology at the semester if grade is below a “C”.

Course Name:	<b>ADVANCED PLACEMENT (AP) BIOLOGY*+</b>	Course Code:	<b>350108Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Rec. Prerequisites:	Recommend a C or higher in Biology and Chemistry		
Graduation Req:	Meets Life Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility		

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes – energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

***Summer reading may be a requirement for this class, see Mr. Dias prior to the end of Spring finals.***

Course Name:	<b>CHEMISTRY*</b>	Course Code:	<b>350205Y</b>
Grade Level:	10-12		
Duration:	2 semesters		
Prerequisites:	Requires successful completion of Biology AND Integrated Math 1 with a C or better.		
Graduation Req:	Meets Physical Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility		

Chemistry is the study of the structure and behavior of matter. The course includes: scientific measurement and calculation, kinetic theory and the states of matter, problem solving, atomic and molecular structure, chemical names and formulas, the mole concept, the periodic table and chemical properties, chemical bonding and reaction, reaction rates and chemical equilibrium, acids and bases.

Course Name:	<b>ADVANCED PLACEMENT CHEMISTRY*+</b>	Course Code:	<b>350207Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Rec. Prerequisites:	Recommend a C or higher in Biology and Chemistry or Physics AND completion of Algebra II.		
Graduation Req:	Meets Physical Science graduation requirement. Meets UC/CSU "d" requirement. Meets NCAA eligibility.		

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of the instructional time provides students with opportunities to engage in laboratory investigations. This includes a minimum of 16 hands-on labs, at least six of which are inquiry based.

Course Name:	<b>EARTH SCIENCE</b>	Course Code:	<b>350606Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisite:	Concurrent enrollment in Integrated Mathematics 1		
Graduation Req:	Meets physical science graduation requirement. Meets UC/CSU "g" requirement. Meets NCAA eligibility.		

Earth Science is a survey course which studies physical processes on Earth and the rest of the universe. Topics include astronomy, plate tectonics, energy, weather and climate, the atmosphere and California geology.

Course Name:	<b>ENVIRONMENTAL PHYSICAL SCIENCE</b>	Course Code:	<b>350118Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisite:	None		
Graduation Req:	Meets physical science graduation requirement. Meets NCAA eligibility.		

Environmental Science uses specific principles, concepts and methodologies to understand the interrelationships of the natural world. Environmental Science identifies and analyzes natural and human-made environmental problems, evaluates the relative risks associated with these problems, and examines alternative solutions that resolve and prevent environmental problems.

Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of scientific study. Environmental Science identifies major unifying themes that help students understand the many environmental issues in today's world. The themes include the study of science as a process, energy transfer, the earth as a system, and the human impact on the environment.

Course Name:	<b>ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE</b>	Course Code:	<b>350122Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisite:	Students must have completed two years of high school laboratory science (Biology, Physics or Chemistry) with a C or better.		
Graduation Req:	Meets physical science graduation requirement. Meets UC/CSU "d" requirement. Meets NCAA eligibility.		

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 to understand 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.

Course Name:	<b>PHYSIOLOGY*</b>	Course Code:	<b>350705Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Grade of C or better in Biology, and either Environmental Science, Chemistry, or Physics		
Graduation Req:	Meets Life Science graduation requirement, also meets UC/CSU "d" and/or "g" requirement and NCAA eligibility		

Physiology is an advanced biological course designed for students who are interested in pursuing a career in the medical field or who are curious about how the body functions. This course will cover the organization of the human body, and will take an in-depth look at the organ systems related to support, movement, integration, regulation, maintenance, and development of the human body. Lab activities, modeling, and critical thinking skills are emphasized. Several dissections are performed throughout the year, including a feline cadaver and selected sheep organs. Furthermore, students are expected to demonstrate mastery of successful study skills as part of the course work.

Course Name:	<b>HONORS PHYSIOLOGY*+</b>	Course Code:	<b>350707Y</b>
Grade Level:	11-12		
Duration:	2 semesters		
Prerequisites:	Grade of B or better in Biology, and either Environmental Science, Chemistry, or Physics		
Graduation Req:	Meets Life Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility		

Honors Physiology is an accelerated course focusing on the physiology and anatomy of the human body. The same topics from regular Physiology are covered, but in greater detail, with a more challenging grading scale. Additional dissections, projects, and papers will be completed by Honors Physiology students.

Course Name:	<b>PHYSICS*</b>	Course Code:	<b>350507Y</b>
Grade Level:	10-12		
Duration:	2 semesters		
Prerequisites:	Grade C or better in Integrated Math 1 and completion of Biology		
Graduation Req:	Meets Physical Science graduation requirement, also meets UC/CSU "d" and/or "g" requirement and NCAA eligibility		

Physics is recommended for all students planning to attend a college with the intention of earning a four-year degree and is especially recommended for students planning to earn a technical degree. Fundamental physics concepts are

developed using data collected from experiments and analyzed using computers. The data analysis uses the mathematics learned in algebra I and geometry. Course topics include motion, force, energy, and momentum. As time permits additional topics of sound, light, electricity, and magnetism are developed.

Course Name:	<b>ADVANCED PLACEMENT (AP) PHYSICS 1*+</b>	Course Code: <b>350510Y</b>
Grade Level:	10-12	
Duration:	2 semesters	
Rec. Prerequisites:	Students should have successfully completed Integrated Mathematics 2 and be concurrently enrolled in Integrated Mathematics 3 or Integrated Mathematics 3+	
Graduation Req:	Meets Physical Science graduation requirement, also meets UC/CSU "d" requirement and NCAA eligibility	

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); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

## **SOCIAL SCIENCE DEPARTMENT**

Course Name:	<b>AMERICAN GOVERNMENT*</b>	Course Code: <b>335315S</b>
Grade Level:	12	
Duration:	1 semester	
Prerequisites:	Senior status	
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility	

The purpose of this course is to examine the foundation of our American governmental system, the U. S. Constitution and the Bill of Rights, economic and government systems, state and local government, and the rights and responsibilities of citizenship. The curriculum includes class discussions, role playing, small group exercises, etc. It may include a state and local government project, and a service learning/community service requirement. This course prepares students to extend participation into the outside or "real" world as responsible citizens of the twenty-first century.

Course Name:	<b>ADVANCED PLACEMENT (AP) COMPARATIVE GOVERNMENT AND POLITICS*+</b>	
Grade Level:	12	Course Code: <b>355320S</b>
Duration:	1 semester	
Rec. Prerequisites:	Students should be able to read a college level textbook and write grammatically correct, complete sentences.	
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility	

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Course Name:	<b>ADVANCED PLACEMENT (AP) US GOVERNMENT AND POLITICS*+</b>	
Grade Level:	12	Course Code: <b>355319S</b>
Duration:	1 semester	

Rec. Prerequisites: Students should be able to read a college level textbook and write grammatically correct, complete sentences.

Graduation Req: Meets Social Studies graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility

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.

Course Name: **ECONOMICS\*** Course Code: **355109S**

Grade Level: 12

Duration: 1 semester

Prerequisites: Senior status

Graduation Req: Meets Social Studies graduation requirement, also meets UC/CSU "g" requirement and NCAA eligibility

Economics is defined as the study of how individuals and societies, experiencing virtually limitless wants, choose to allocate scarce resources to satisfy their wants. In this course, micro and macroeconomics will be covered. This course will emphasize analysis and problem solving through detailed study of concepts, charts and graphs. Skill development includes: reading, research, organization of material, citing evidence in order to formulate conclusions, group work and written/oral composition. Students can expect regular assignments, including outside readings, group projects, and one major research paper. Special events include visitation by business professionals who provide insight into specific areas of the local business community.

Course Name: **ADVANCED PLACEMENT (AP) EUROPEAN HISTORY\*+** Course Code: **355520Y**

Grade Level: 10

Duration: 2 semesters

Rec. Prerequisites: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Graduation Req: World History graduation credit, pending board approval

AP European History focuses on developing students' understanding of European history from approximately 1450 to the present. 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 make connections among historical developments in different times and places.

Course Name: **GEOGRAPHY UD \*** Course Code: **355205S**

Grade Level: 9-12

Duration: 1 semester

Prerequisites: None

Graduation Req: Meets Social Studies graduation requirement, also meets UC "a" requirement and CSU "elective Social Science" requirement and NCAA eligibility

This course will encompass both geography and world events. This course will focus on learning what geography is, how geographers see the world, as well as essential geographic skills such as map interpretation and analysis. The course will entail a study of geographic features, the importance of natural resources, factors that affect climate and world climate patterns, as well as the context of a study of international events. The impact of geography on the

development of human history and how that history influences the disparities between nations today will also be addressed.

Course Name:	<b>INTERNATIONAL RELATIONS*</b>	Course Code:	<b>355308S</b>
Grade Level:	12 and 11 with counselor approval		
Duration:	1 semester		
Prerequisites:	Senior status		
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CSU "g" requirement and NCAA eligibility		

International Relations is an in-depth study of foreign policy. Students examine areas of the world and pertinent issues using background readings, speeches and lecture notes. Students analyze recent “trouble spots” in light of political, economic, historical and cultural differences.

Course Name:	<b>POLITICAL SCIENCE: STUDY CIMINAL &amp; CIVIL LAW*</b>	Course Code:	<b>355605S</b>
Grade Level:	12		
Duration:	1 semester		
Prerequisites:	Senior status		
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CSU "g" requirement and NCAA eligibility		

This course is a semester long course that gives students an overview of the American legal system. Students will become familiar with how the court system works and will gain a greater understanding of the law and how it impacts their lives. The course will delve into the practical aspects of the law and will give students an understanding of America’s political tradition. The course will incorporate classroom debate and discussion on current public policy issues as a means to improve students’ analytical skills.

Course Name:	<b>PSYCHOLOGY*</b>	Course Code:	<b>355705S</b>
Grade Level:	12 (11 <sup>th</sup> grade with and teacher counselor approval in the spring semester)		
Duration:	1 semester		
Prerequisites:	Senior status		
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CSU "g" requirement and NCAA eligibility		

An introductory course in Psychology which covers its history, modern psychological trends, psycho biology and human developmental psychology from birth to death. The course explores states of consciousness, learning, memory, intelligence, emotions, personality and abnormal behavior. Requirements include written assignments on a regular basis and a major research paper.

Course Name:	<b>ADVANCED PLACEMENT (AP) PSYCHOLOGY*+</b>	Course Code:	<b>355706Y</b>
Grade Level:	12 (11 <sup>th</sup> grade with counselor and teacher approval)		
Duration:	2 semesters		
Rec. Prerequisites:	Students should be able to read a college-level textbook and write grammatically correct, complete sentences.		
Graduation Req:	Meets Social Studies graduation requirement, also meets UC/CUS “g” requirement and NCAA eligibility		

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.

Course Name:	<b>U.S. HISTORY*</b>	Course Code:	<b>355437Y</b>
Grade Level:	11		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets U.S. History graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility		

United States History is a two-semester course evolving chronologically from the formative period of colonization to contemporary history. The curriculum is designed to meet state standards which are reflected in lesson plans, student activities, and evaluation procedures. The U.S. History curriculum encourages a wide range of creative assessment techniques and stresses the relevance between the past and present.

Course Name:	<b>ADVANCED PLACEMENT (AP) U.S. HISTORY*+</b>	Course Code:	<b>355439Y</b>
Grade Level:	11		
Duration:	2 semesters		
Rec. Prerequisites:	Students should be able to read a college-level textbook and write grammatically correct, complete sentences. Honors World History and Honors English are strongly recommended.		
Graduation Req:	Meets U.S. History graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility		

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance – identity; peopling; politics and power; work, exchange, and technology; American in the world; environment and geography; and ideas, beliefs and culture – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. Completion of Honors World History and Honors English with a C or better is highly recommended. This is a college level class that requires extensive writing, reading, critical thinking and daily homework.

Course Name:	<b>WORLD HISTORY*</b>	Course Code:	<b>355413Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	None		
Graduation Req:	Meets World History graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility		

Students in tenth grade study major turning points that shaped the modern world, from the late eighteenth century through the present, 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. They 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.

Course Name:	<b>HONORS WORLD HISTORY*+</b>	Course Code:	<b>355414Y</b>
Grade Level:	10		
Duration:	2 semesters		
Prerequisites:	Grade of A or B or better in Honors English 1 or Honors Biology, grade of an A in English 1 and teacher recommendation		
Graduation Req:	Meets World History graduation requirement, also meets UC/CSU "a" requirement and NCAA eligibility		

Students study major turning points that shaped the modern world, from the late eighteenth century through the present, 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. They 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. It should be carefully considered that Honors World History entrance and egress requirements are stringent, as students must obtain parent, instructor, and counselor permission for either.

## **SPECIAL EDUCATION DEPARTMENT**

Course Name:	<b>SPECIAL DAY CLASS (SDC), RESOURCE (RSP), ADAPTIVE PE (A.P.E.)</b>
Grade Level:	9-12
Duration:	1 semester to 4 years
Prerequisites:	Special Education placement
Graduation Req:	Meets district and school requirements with modifications as noted in IEP. SDC, RSP classes <b><u>DO NOT</u></b> meet A-G requirements for UC/CSU.

All Special Education services (Resource, SDC, A.P.E., and Speech/Language) are provided as a result of meeting eligibility requirements through a referral process and an Individual Education Plan (IEP).

The Resource Specialist Program provides support to students who are mainstreamed into general education classes. The program helps develop organizational skills and learning strategies which enhance acquisition of knowledge across all curricular areas. Common core standards are implemented in core subject areas using essential standards.

SDC classes provides access to core curriculum with appropriate modifications and support, which enable students to be successful in the academic areas of English and social studies in addition to learning strategies and techniques which help facilitate success in general education classes.

Adaptive PE enrollment may be done by a referral of a physician. The adaptive PE program is designed to meet the PE credit requirements of the individual with a chronic permanent physical disability while meeting the student's physical needs.

Speech and Language services are provided by a referral process and an Individual Education Plan (IEP). The program is designed to meet the speech, voice, fluency, hearing and language needs of the individual.

Learning Strategies classes are subject specific and are used to support the students in the mainstreamed core classes. They are offered in the areas of math, support, Social Science and English. These classes assist the students with understanding the common core curriculum.



The workability program provides pre-employment and career exploration. This is done solely through the IEP process.

## VISUAL/PERFORMING ARTS DEPARTMENT

Course Name:	<b>BEGINNING DRAWING AND PAINTING*</b>	Course Code:	<b>360511Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	None		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

The first semester of this course will focus on drawing assignments. The second semester will focus on painting assignments. Students will learn the fundamentals of line, form, value, texture, perspective, composition and creativity while being introduced to a variety of drawing and painting materials. Students will have hands-on involvement in their own work, along with familiarity with concerns and styles of other artists. Portfolios are an important part of this class. They will be used for the storage of all class work and will be reviewed at the end of each semester. This course is open to students with no art background. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>ADVANCED DRAWING AND PAINTING 1, 2*</b>	Course Codes:	<b>360521Y/360522Y</b>
Grade Level:	10-12		
Duration:	2 semesters (may <b>not</b> be repeated for credit)		
Prerequisites:	B+ or better in Beginning Drawing and Painting or teacher approval/Advanced Drawing and Painting 1		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

This course is primarily a studio class designed to further develop drawing and painting skills. Sequential drawing lessons are ongoing throughout each semester and guideline projects are assigned to further study the visual language of art. Concepts, attitudes and methods of traditional and contemporary approaches to painting will be explored. Materials such as ink, watercolor, tempera, acrylic, and oil paint will be used. A portfolio of five pieces is required each semester along with a drawing sketchbook for drawing lessons and class project ideas. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

For students in Advanced Drawing and Painting 2 this course is primarily a studio class. The emphasis of the course will be to build on student independence acquired in Advanced Drawing and Painting 1. Sophisticated techniques in drawing and painting will be explored. Individuality and originality of expression will be of paramount importance to the completion of this course. An art portfolio and sketchbook will be required. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>ART STUDIO*</b>	Course Code:	<b>360605Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated only <b>one year</b> for credit)		
Prerequisites:	None		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Art studio is a multi-media course that will allow students further exploration within a variety of art techniques and mediums. Projects will include, but are not limited to, drawing, painting, printmaking, sculpture, and collage with an emphasis on mixed media. Through class projects students will be introduced to the elements of principles of art, design concepts, art history, criticism and aestheticism. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>PHOTOGRAPHY*</b>	Course Code:	<b>330701Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may <b>not</b> be repeated for credit)		
Prerequisites:	None		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Students in the Beginning Photography course learn fundamentals of camera, black and white film processing and darkroom printing using enlargers. Camera techniques and composition are also emphasized. This course will cover cultural and historical aspects of photography and stress the fundamentals of visual communication. Students are expected to complete several projects each semester and keep a portfolio of their work. Students can check out film cameras in this class. Digital photography is introduced second semester, but will not be used in this class. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>ADVANCED PHOTOGRAPHY 1, 2*</b>	Course Codes:	<b>360411Y/360412Y</b>
Grade Level:	10-12		
Duration:	2 semesters (may <b>not</b> be repeated for credit)		
Prerequisites:	A grade of B or better in Photography, or portfolio review with teacher approval		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" or "g" requirement		

Students in the Advanced Photography course are required to compile a photography portfolio containing 8-10 images centered on a theme/project each semester. Extended lessons on digital camera, composing photos, shooting modes and advanced settings, file management with digital negatives, and digital printing will be taught. Masterful darkroom printing lessons in black and white wet lab photography will also be taught for those seeking more traditional printing techniques. Critical thinking and visual composition are emphasized in this class as well as historical and cultural aspects in art. Students in the advanced class should have access to their own digital and film cameras however, a limited amount of digital and film cameras are available for advanced students to check out. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials.

Course Name:	<b>ADVANCED PHOTOGRAPHY HONORS*+</b>	Course Codes: <b>360413Y</b>
Grade Level:	11-12	
Duration:	2 semesters (may <b>not</b> be repeated for credit)	
Prerequisites:	Photography, and Advanced Photography I	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" or "g" requirement	

In this Honors level, Advanced Photography course, students follow a more rigorous curriculum stressing a further investigation of various forms of expression and techniques with a strong emphasis on the principles and elements of art and design. Students are expected to work independently as well as collaboratively to exceed their present skills, technically as well as conceptually. Honors Photography students will develop mastery in concept, visual problem solving, composition, and execution. Honors level photography is an opportunity to experiment with techniques and concepts beyond the students' comfort zone, use critical thinking and technical skills to develop a strong artistic style, explore in-depth an area of interest, and to prepare a collegial level, quality portfolio that includes a variety of approaches including: journalism, digital graphics, commercial photography, and experimental works of art.

Course Name:	<b>BEGINNING CERAMICS*</b>	Course Code: <b>360005Y</b>
Grade Level:	9-12	
Duration:	2 semesters (may <b>not</b> be repeated for credit)	
Prerequisites:	None	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement	

Students in this class will learn ceramic techniques and processes. They will be introduced to a variety of building and decorating techniques along with principles of form and design. The main emphasis of the class is to build original art from clay. Your help in providing needed supplies in the classroom is greatly appreciated but not required. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials. We would like a donation of \$25.00 per semester for materials.

Course Name:	<b>ADVANCED CERAMICS 1, 2*</b>	Course Codes: <b>360011Y/360012Y</b>
Grade Level:	10-12	
Duration:	2 semesters (may <b>not</b> be repeated for credit)	
Prerequisites:	A grade of an A in Beginning Ceramics or teacher approval.	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" or "g" requirement	

This course provides an additional opportunity to explore further and to experiment individually with clay. Emphasis will be placed on the student's individual abilities to translate creative ideas into visual items. Your help in providing needed supplies in the classroom is greatly appreciated. Students will not be denied an educational opportunity if a donation is not received. If students create items in class, they may be allowed to take those items home with them as personal property, but the student will need to pay a fee for the direct cost of those materials. We would like a donation of \$25.00 per semester for materials.

Course Name:	<b>BEGINNING DRAMA*</b>	Course Code: <b>315006Y</b>
Grade Level:	9-12	
Duration:	2 semesters (may be repeated for credit)	
Prerequisites:	None	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement	

Beginning Drama introduces the student to the many faceted aspects of theater arts: Theater games and warm-ups, history, play reading, acting styles, improvisation, pantomime, monologues and dialogues, character analysis, and critical audience appreciation. It is a participation-based class that introduces students to many of the genres of the theater. It provides students with opportunities to speak, move, and act both alone, and with others. The course is designed to maintain a comfort level for all class members so that by its completion each person in the class is able to perform before either small or large groups without fear.

Course Name:	<b>ADVANCED DRAMA*</b>	Course Code: <b>315005Y</b>
Grade Level:	10-12	
Duration:	2 semesters (may be repeated for credit)	
Prerequisites:	Audition or teacher approval required	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" or "g" requirement	

Advanced Drama provides the advanced student with a performance-based class designed to motivate and "stretch" the serious theater student. It provides students with historical and practical backgrounds and offers students hands-on opportunities for the practice of each of the important elements of drama: monologues, duets (scenes), one-acts, plays, and improvisation. Additionally, at the advanced level students will have opportunities to explore directing, musical theater, technical theater, competing in acting festivals, performing for student audiences, and participating in the exclusive Advanced Drama student-directed play. Each year the Advanced Drama class will have a different focus: acting, directing, or technical theatre.

Course Name:	<b>TECHNICAL THEATRE 1</b>	Course Code: <b>315115Y</b>
Grade Level:	10-12	
Duration:	2 semesters	
Prerequisites:	Beginning Drama	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "g" requirement	

This course provides instruction and training for students interested in stage design. Students that achieve competency in this course will develop skills in stagecraft design and will be prepared for entry-level employment. Entry-level positions include set decorator, set designer and assistant art director. Instruction and hands-on experience includes set architecture, design elements, stage management, lighting design, costume design and make-up application.

Course Name:	<b>CONCERT CHOIR*</b>	Course Code: <b>340221Y</b>
Grade Level:	9-12	
Duration:	2 semesters (may be repeated for credit)	
Prerequisites:	None	
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement	

Open to all male and female beginning through intermediate level vocal students with a sincere interest in learning how to sing. In this course students will develop the necessary vocal skills that will allow them to be knowledgeable and proficient in the areas of scales, technical studies, tone production, intonation, range, reading skills, and musical styles. Students will be provided the opportunity and encouraged to develop solo and small ensemble skills that will further develop their musicianship. To ensure that all El Camino Fundamental High School choir students reach a singing proficiency as determined by the State Standards and the San Juan Unified School District Music Curriculum Guidelines, all freshmen must enroll in the Concert Choir prior to being accepted into the Madrigal Choir. Students in the Concert Choir will perform in several concerts throughout the year, including formal concerts, athletic events, school assemblies and community events.

Course Name:	<b>MADRIGALS*</b>	Course Code:	<b>340208Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	One year enrollment in Concert Choir. Enrollment in Madrigals is by audition and teacher approval.		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Madrigals is an advanced level performing group in the music department. Enrollment in Madrigals is open to all students who are proficient vocalists and have completed one year of Concert Choir, or the equivalent. Madrigals provides students with continued learning and understanding of the basic musical elements, including scales, technical studies, tone production, rhythm and musical styles. As a performance oriented class, students will be expected to commit to the rehearsal and performance schedule which includes community and school performances and local adjudicated festivals. **Students enrolled in Madrigals must make music a high priority and have the desire and time to spend practicing and studying.**

Course Name:	<b>CONCERT BAND</b>	Course Code:	<b>340011Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	1 year experience on band instrument		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Open to all musicians with at least one year experience on a band instrument. In this course students will develop the necessary skills on his/her band instrument that will allow them to be knowledgeable and proficient in the areas of scales, technical studies, tone production, intonation, range, reading skills, and musical styles. Students will be provided the opportunity and encouraged to develop solo and small ensemble skills that will further develop their musicianship. To ensure that all El Camino Fundamental High School band students reach a playing proficiency as determined by the goals of the San Juan Unified School District Music Curriculum Guidelines, all freshmen must enroll in the Concert Band prior to being accepted into the Advanced Concert Band or Honors Concert Band. Students in the Concert Band will perform in at least one concert each semester. Concert Band students also participate in the Pep Band at football games, basketball games and other school and community events.

Course Name:	<b>ADVANCED CONCERT BAND*</b>	Course Code:	<b>340012Y</b>
Grade Level:	10-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	1 year enrollment in Concert Band. Enrollment in Advanced Concert Band is by audition and teacher approval		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CUS "f" or "g" requirement		

Enrollment in the Advanced Concert Band is open to all students who are proficient on a band instrument and have completed one year of Concert Band, or the equivalent. Advanced Concert Band provides students with continued learning and understanding of the basic musical elements, including scales, technical studies, tone production, rhythm and musical styles. Advanced Concert Band is the primary performing group in the music department. As a performance oriented class, students will be expected to commit to the rehearsal and performance schedule which includes community and school performances, local festivals, and winter and spring concerts. The Advanced Concert Band members also become the Pep Band that performs at athletic events, school and community events.

Course Name:	<b>HONORS CONCERT BAND*+</b>	Course Code:	<b>340025Y</b>
Grade Level:	10-12		
Duration:	2 semesters (may <b>not</b> be repeated for credit)		
Prerequisites:	Enrollment in Honors Concert Band is by audition and teacher approval		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" or "g" requirement		

Honors Concert Band is a course designed for the most serious instrumental musicians who have the time and ambition to accomplish "honors" level music theory and literature. Private lessons are highly recommended to fully understand and complete the required class work. **Students must make music a high priority and have the desire and time to spend practicing and studying.** Enrollment in the Honors Concert Band is open only to students who are proficient on a band instrument and have completed the requirements for Concert Band and Advanced Concert Band. Honors Concert Band provides students with continued learning and understanding of higher level musical elements, including scales, technical studies, tone production, rhythm and musical styles. As a performance oriented class, students will be expected to commit to the rehearsal and performance schedule which includes community and school performances, local festivals and winter and spring concerts. Honors Concert Band members also participate in Pep Band that performs at athletic events, school and community events. --*See page 13 for Advanced Placement and Honors Student/Parent Agreement*

Course Name:	<b>BEGINNING BAND*</b>	Course Code:	<b>340010Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	A desire to learn how to read music and play a musical instrument.		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Beginning Band is open to all students with little or no music experience. This course will provide the necessary music skills that will allow students to be knowledgeable and proficient in the areas of scales, technical studies, tone production, intonation, range, rhythm reading, and musical styles. Students in the Beginning Band will perform in at least one concert each semester. Only traditional band instruments will be taught (woodwind, brass, and percussion). Students who successfully accomplish the course work in Beginning Band will be encouraged to move to the next level in the El Camino Band program. Grades will be based on progress skills, techniques and participation in a minimum of two public performances.

Course Name:	<b>JAZZ ENSEMBLE "BAND"*</b>	Course Code:	<b>340016Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may be repeated for credit)		
Prerequisites:	Teacher approval. High level of experience on a band or rhythm instrument (guitar, piano, bass, drums.) Enrollment in Jazz Band is by audition only. Students must have experience in either Concert Band, Advanced Concert Band, or Honors Concert Band. <b>Meets "0" period at 7:00 a.m. daily.</b>		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Jazz Band provides a unique opportunity for students to experience and perform various styles of jazz music, including blues, be-bop, swing, rock, Latin, and contemporary. Through recordings and printed music, students will be exposed to the history of jazz and learn the techniques that distinguishes jazz from other styles of instrumental music. Students interested in the Jazz band must be proficient on their instrument, demonstrate an ability to read complex rhythms, have a basic understanding of scales, and must have experience in either Concert Band, Advanced Concert Band, or Honors Concert Band. All students must audition for the Jazz band. All interested students must

enroll in Jazz Band and attend the first two weeks of rehearsal. Information about course requirements and auditions will be provided during the first week of class.

Course Name:	<b>MUSIC APPRECIATION*</b>	Course Code:	<b>340106Y</b>
Grade Level:	9-12		
Duration:	2 semesters (may <b>not</b> be repeated for credit)		
Prerequisites:	A desire and curiosity to explore music		
Graduation Req:	Meets Visual/Performing Arts graduation requirement, also meets UC/CSU "f" requirement		

Music Appreciation is a music listening and analysis class for both musicians and non-musicians. Students are introduced to the history of music from Ancient times through classical, jazz and rock. Daily class discussion includes trends in music history, technology, musicians and significant influences that shaped the music of today.

## **LANGUAGE OTHER THAN ENGLISH (LOTE) DEPARTMENT**

**Students who have taken three years of a foreign language in high school will have fulfilled the CSUS foreign language requirement for graduation.**

Course Name:	<b>FRENCH 1, SPANISH 1*</b>	Course Codes:	<b>320001Y/320601Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	C or better in previous English class required		
Graduation Req:	Elective credit, also meets UC/CSU "e" requirement and NCAA eligibility		

This is an introductory course with a strong emphasis on communication skills. Students will learn to listen to, speak, read, and write the language and will be expected to demonstrate their skills in all four areas. This class also provides an introduction to the culture and history of the people who speak the language. All lessons and activities are aligned to the World Language Common Core standards for California public schools.

Course Name:	<b>FRENCH 2, SPANISH 2*</b>	Course Codes:	<b>320002Y/320602Y</b>
Grade Level:	9-12		
Duration:	2 semesters		
Prerequisites:	C or better in same language, level 1		
Graduation Req:	Elective credit, also meets UC/CSU "e" requirement and NCAA eligibility		

A continuation of the first level. Students expand their knowledge of the language in all skill areas, listening to, speaking, reading, and writing with more complexity. Students build on their foundation of cultural and historical studies. This course is considered preparation for advanced foreign language studies. All lessons and activities are aligned to the World Language Common Core standards for California public schools.

Course Name:	<b>FRENCH 3, SPANISH 3*</b>	Course Codes:	<b>320003Y/320603Y</b>
Grade Level:	9-12 as eligible		
Duration:	2 semesters		
Prerequisites:	C or better in same language, level 2		
Graduation Req:	Elective credit, also meets UC/CSU "e" requirement for the first two years, third year meets "g" requirement and meets NCAA eligibility		

A continuation of Level 2. This is an advanced course that continues to build proficiency in all areas of language study. There is a specific emphasis on advanced grammar structures. Speaking and listening skills are expanded to include extensive discussion in addition to conversation and monologue. Students are introduced to simple literary pieces and more formal writing styles. All lessons and activities are aligned to the World Language Common Core standards for California public schools.

Course Name:	<b>ADVANCED PLACEMENT (AP) FRENCH LANGUAGE*+</b>	Course Code: <b>320008Y</b>
Grade Level:	12	
Duration:	2 semesters	
Rec. Prerequisites:	Students are typically in their fourth year of high school-level study. In the case of native or heritage speakers, there may be a different course of study leading to this course.	
Graduation Req:	Elective credit, also meets UC/CUS "e" requirement for the first two years, third year or higher meets "g" requirement and meets NCAA eligibility	

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).

Course Name:	<b>ADVANCED PLACEMENT (AP) SPANISH LANGUAGE*+</b>	Course Code: <b>320608Y</b>
Grade Level:	12	
Duration:	2 semesters	
Rec. Prerequisites:	Students are typically in their fourth year of high school-level Spanish language study. In the case of native or heritage speakers, there may be a different course of study leading to this course.	
Graduation Req:	Elective credit, also meets UC/CUS "e" requirement for the first two years, third year or higher meets "g" requirement and meets NCAA eligibility	

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).





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Shelley Besso, Counselor

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