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**2025  
- 2026**

# **El Camino High School Course Catalog**

***400 Rancho Del Oro Drive  
Oceanside. CA 92057  
760-901-8000***

**[Website](#)**



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## ADMINISTRATION

Eileen Frazier  
Linda Guerrero  
Marie Higareda de Ochoa  
Kalina Shatto  
Tina Singh

Principal  
Assistant Principal  
Assistant Principal  
Assistant Principal  
Assistant Principal

## COUNSELING TEAM

Students at El Camino High School are assigned a school counselor based on their last name or a special program. Counselors can be reached via phone or email, and are available to assist students and parents with academic planning, including graduation requirements, college planning, and facilitating parent/teacher communication. Counseling assignments are subject to change.

Counselor	Alpha	Specialties	Phone	Email
Socorro Ruiz	Last Names: A, B, C-Car	Case Mgrs: Garrison, Wilhovsky ELD I/II; Foreign Exchange	760-901-8034	socorro.ruiz@oside.us
Brad Simi	Last Names: Cas-D, E, F-Fi	Case Mgrs: Crone, Keo	760-901-8033	brad.simi@oside.us
Sada Felix	Last Names: Fl-G, H, I, J-Ja	Case Mgrs: Diekemper, Gibba, Harrell, Holland	760-901-8042	sadako.felix@oside.us
Kathleen McCann	Last Names: Je-K, L, M-Mil	Case Mgrs: Dreisbach, Huertero; NCAA/NAIA	760-901-8041	kathleen.mccann@oside.us
Stephanie Bailey	Last Names: Mim-N, O, P, Q, R-Ram	Case Mgrs: Bates, Lavender, Vallete	760-901-8037	stephanie.bailey@oside.us
Jennifer Ratliff	Last Names: Ran-Sp	Case Mgrs: Bornes, Olson	760-901-8035	jennifer.ratliff@oside.us
Liz Hunter <i>Department Lead</i>	Last Names: Sr-T, U, V, W, X, Y, Z	Case Mgrs: Lyon, McFarren, M. Morgan, Department Lead	760-901-8036	ehunter@oside.us
<b>Counseling Support Staff</b>				
Maggie Duenas		Counseling Secretary	760-901-8031	magdalena.duenas@oside.us
Rosa Flanagan		Transcripts & Registration	760-901-8040	rosa.flanagan@oside.us
Jill Rizzuto		Transcripts & Registration	760-901-8093	jill.rizzuto@oside.us
Jennifer Pieri		College and Career Center	760-901-8051	echs.career@oside.us

### ATHLETICS

#### Fall

Football (Men)  
Flag Football  
(Women)  
Cross Country  
(Men/Women)  
Golf (Women)  
Tennis (Women)  
Volleyball (Women)  
Water Polo (Men)  
Cheerleading

#### Winter

Basketball  
(Men/Women)  
Soccer  
Wrestling  
Water Polo  
(Women)  
Cheerleading

#### Spring

Baseball (Men)  
Golf (Men)  
Lacrosse (Men/Women)  
Softball (Women)  
Swimming (Men/Women)  
Tennis (Men)  
Track (Men/Women)  
Volleyball (Men)  
Diving (Men/Women)  
Cheerleading

### PERFORMING ARTS

#### Fall

Marching Band  
Pageantry  
Wind Ensemble  
Concert Band  
Orchestra  
Choir/Show Choir  
Drama  
Dance

#### Winter

Jazz Band/Drum Line  
Pageantry  
Wind Ensemble  
Concert Band  
Orchestra  
Choir/Show Choir  
Drama  
Dance

*The El Camino High School Site Council would like to welcome you to our Wildcat family. Please visit our location on the school's website for meeting dates, agendas and minutes. You will also be able to see our Parent Compact and Parent Involvement Policy that provides ideas on how to get involved in our school.*

# Class Change Policy

**Teacher/Period Change** - Teacher/period change requests cannot be accommodated.

**Elective Class Change** - Students may request an elective class change before the start of the school year. Parent permission is required. The **deadline to request an elective class change is the Thursday before the first day of school**. Elective changes are dependent on space available.

**Level Change** - Students may request to change a class level, with parent permission, **before the 20th day of the 1st and 2nd semester**. Teachers may also recommend a placement level change during this time. Level changes are completed on a space available basis.

Once school begins, changes will only be made for the following reasons.

- The student has already passed the class with C or better
- The student did not meet the requirements for enrollment in the class
- The student needs different courses to meet graduation requirements

**Note:** Any class change made after the 20<sup>th</sup> day of the semester may result in a "W/F" mark in the course.

# EL CAMINO HIGH SCHOOL GRADUATION REQUIREMENTS

In order to graduate from El Camino High School, the following requirements must be met.

- 220 Credits in the specified categories noted below
- 1 semester = 5 credits

Subject Area	OUSD Requirements	NCAA Division 1 Requirements	CSU Entrance	UC Entrance
<b>A- Social Science</b> 30 credits	<ul style="list-style-type: none"> <li>• World History</li> <li>• US History</li> <li>• Government &amp; Economics</li> </ul>	2 years	2 years	2 years
<b>B - English</b> 40 credits	<ul style="list-style-type: none"> <li>• English 9</li> <li>• English 10</li> <li>• English 11</li> <li>• ERWC</li> </ul>	4 years	4 years	4 years
<b>C - Math</b> 30 credits	<ul style="list-style-type: none"> <li>• Including Math 1 or Algebra 1</li> <li>• 30 credits must be completed in grades 9-12</li> </ul>	3 years (Math 1 or Alg 1 and higher)	3 years (thru Math 3 or Algebra 2)	3 years (4 recommended) **
<b>D - Science</b> 20 credits	<ul style="list-style-type: none"> <li>• 1 yr Life Science</li> <li>• 1 yr Physical Science</li> <li>• (one year must include a lab)</li> </ul>	2 years lab science (natural or physical)	2 years lab science	2 years lab science (3 recommended)
<b>E - World Language</b> Level 2 or higher	<ul style="list-style-type: none"> <li>• Must be the same language, with completion of year two or higher in grades 9-12</li> </ul>	N/A	2 years or equivalent	2 years or equivalent (3 recommended)
<b>F - Arts</b> 10 Credits	<ul style="list-style-type: none"> <li>• Visual, Performing or Practical Arts</li> </ul>	N/A	Visual or Performing Arts (1 year/ 1 course)	Visual or Performing Arts (1 year/ 1 course)
<b>G - Electives</b> 40 credits	<ul style="list-style-type: none"> <li>• Must include one year-long college prep elective for all other classes</li> </ul>	4 years (any of above core areas, World Lang or Ethnic Studies) + 1 yr additional Math, English or Science	1 year, from areas above, or other approved elective	1 year, from areas above, or other approved elective
<b>Ethnic Studies</b> 10 credits	<ul style="list-style-type: none"> <li>• Ethnic Studies required for class of 2026 and beyond</li> </ul>			
<b>Physical Education</b> 20 credits	<ul style="list-style-type: none"> <li>• Including Applied Fitness Concepts</li> </ul>	N/A	N/A	N/A
<b>Total Credits</b>	220 Credits	16 Core Course Units	15 Core Course Units	15 Core Course Units

\*\* For graduation purposes, a grade of "D" or higher is passing for credit.

\*\* College entrance grades must be a "C" or higher.

\*\* It is advisable that students take math during their senior year due to the competitive process for acceptance to UC schools.

## **Online Credit Recovery Options**

Oceanside Unified School District has partnered with Subject.com for their online class platform. Students who receive a D or F in a class and want to retake it for a higher grade can do so in summer school, credit recovery or the Fresh Start program. Once repeated, the transcript will be coded so the lower grade will be taken out of the GPA calculation and the higher grade will replace it. Note - the original class and grade will remain visible on the student transcript. The transcript will also show the repeated credit recovery class with the higher grade.

**Student Athletes** - Students interested in playing sports at the college level must repeat their class through the Subject.com Core Curriculum program in order to qualify for NCAA eligibility. That program meets NCAA eligibility standards and will have more requirements than a traditional credit recovery class including the length of the class, student created portfolio of all coursework, and the number of required student teacher interactions. Student athletes must create a portfolio of all assessments and assignments taken and keep it in the event the NCAA requests it. Once the course is completed, the class will show on the student transcript like this GEOM A SBJN (Geometry, first semester, Subject, NCAA). This option will be designated on the Credit Recovery application form.

All credit recovery options require a School Counselor referral.

## HONORS GRADUATION

Graduating with Honors is a prestigious distinction at El Camino High School. These select students meet the following rigorous standards:

- Four Advanced Placement(AP) or community college courses (numbered 100 or higher, including Dual Enrollment or Concurrent courses) with grades of C or higher(1 English,1 Math or Science and 2 others).
- A minimum of 50 verifiable hours of community service. Documentation of community service hours must begin no earlier than the freshman year and should be submitted each semester. 50 total hours are due by the end of the 7th semester (Fall of senior year). Please see the community service criteria and guidelines at <https://www.oside.us/domain/717>.
- 9 – 12 Academic GPA of 3.5 or higher (not including PE or TA classes) at the end of the 7th semester.
- An autobiographical essay during the senior year or the [PIQ](#) responses from the UC application.

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## STATE SEAL OF BILITERACY:

Assembly Bill 815 established the State Seal of Biliteracy for eligible high school seniors in California's public schools. This law lists all criteria that a student must meet in order to demonstrate that they have attained a high level of proficiency in speaking, reading, and writing in English and one or more languages. For the 23-24 school year, these were the requirements: [https:// www.cde.ca.gov/sp/el/er/sealofbiliteracy.asp](https://www.cde.ca.gov/sp/el/er/sealofbiliteracy.asp)

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## ADVANCED PLACEMENT (AP):

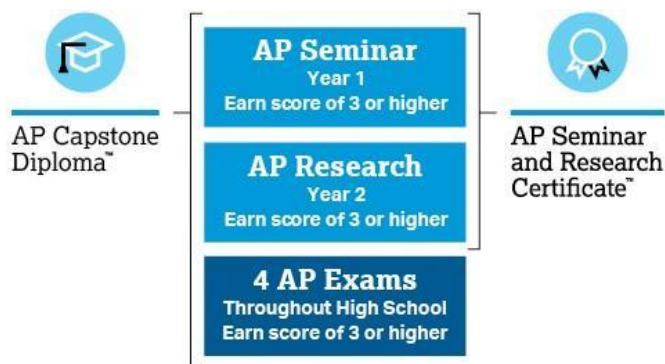
The Advanced Placement (AP) is a program in the United States and Canada created by the College Board offering college-level curriculum and examinations to high school students. American colleges often grant placement and course credit to students who obtain high scores above a certain number on the examinations. The AP curriculum for various subjects is created for the College Board by a panel of experts and college-level educators in each subject. For a high school course to have the AP designation, the course must be audited by the College Board to ascertain it satisfies AP curriculum. El Camino High School currently offers 21 different AP courses.

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## AP CAPSTONE DIPLOMA PROGRAM

AP Capstone™ is a diploma program based on two year long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take. Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work. The College Board developed the AP Capstone Diploma program at the request of higher education professionals, who saw a need for a systematic way for high school students to begin mastering these skills before college.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.



## **DUAL ENROLLMENT:**

El Camino High School has partnered with Mira Costa Community College to offer MiraCosta College course(s) exclusively to OUSD students. These courses are offered either on campus during the school day or through MiraCosta's online platform. This partnership allows El Camino High School students early access to college coursework at their home campus. Availability of courses depends on enrollment and MiraCosta College staffing. Dual Enrollment courses offered at El Camino High School will be listed on course request forms and students must complete the MiraCosta's Dual Enrollment process to enroll.

Benefits of ECHS/MCC Dual Enrollment include:

- Exclusive to OUSD high school students
  - Free tuition and books
  - Opportunity for early college credit
  - Option to add college course on high school transcript
  - Receive weighted grades for C's or better, if placed in high school transcript
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## **COLLEGE & CAREER CENTER**

The ECHS Wildcat College & Career Center is an area where students can apply for scholarships, visit with college/university representatives, research colleges and careers, and find job leads. Computers with internet connections are available to students for college and career explorations, and scholarship searches.

The Wildcat College & Career Center and ECHS School Counselors utilize **CaliforniaColleges.edu**, a web-based tool that allows students to assess their own interests and skills, and provides information concerning potential careers and vocations. One advantage of **CaliforniaColleges.edu** is that students can process their applications to the CSU, UC, community colleges, and many private colleges and universities through their personal account as well as necessary documentation.

The College & Career Center is responsible for organizing the annual North County Coastal College Fair in October, Senior Awards Night in June, coordinating ASVAB testing, college and career field trips, and ongoing scholarship applications.

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## **ASVAB TESTING**

The ASVAB (Armed Services Vocational Aptitude Battery) is a skills assessment test used by all branches of the military to place new enlistees in job training programs. Given the highly technical nature of the military today, academic knowledge and practical experience are measured to ensure a high probability of success in the courses assigned. The ASVAB is also a very useful tool for the non-military bound student as it provides detailed information to the student regarding interests and aptitudes that can help determine career fields or occupations that are potentially satisfying. Tests are offered to all 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> graders in the fall and spring.

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## **SCHOLARSHIPS AND FINANCIAL AID**

Nearly all education beyond high school requires direct payment from students and their families. Tuition and fees are basic charges at almost all schools. If you plan to live away from home, you'll pay for room and board, books and other classroom materials.

Forms of Financial Aid:

- Scholarships: Awarded as a gift based on superior ability in academic work, athletics or other activities. Scholarships do not have to be repaid.
- Grants: Awarded primarily based on financial need, which is based on parent and student income and assets. Like scholarships, grants do not need to be repaid.
- Loans: Educational loans are guaranteed by the government and are generally made to the student. Repayment of the loan is the student's responsibility. Interest and payment for student loans does not generally start until six months after leaving school or graduating. Loans to parents are also available.

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## CALIFORNIA STATE UNIVERSITY SYSTEM

The CSU System consists of 23 campuses throughout California. Bachelors and Master's Degree programs school year are offered in a wide variety of majors. The campuses vary from small (approximately 5000 students) to very large (35,000 students) and from rural to urban. All CSU campuses require a minimum GPA of 2.0 for admission.

**REQUIRED ADMISSIONS TESTS:** The SAT or ACT are **no longer required** for admissions. Scores may, however, be used for placement after admission.

**COST:** Tuition for the 2024-2025 school year was \$6,084 for all CSU's; the cost of books and supplies average about \$2,000 per year, and room and board in on-campus housing is approximately \$13,000. These costs vary by location.

**APPLICATION PROCESS:** Applications are available on-line at [www.CSUmentor.edu](http://www.CSUmentor.edu). Applications must be submitted between October 1<sup>st</sup> - November 30<sup>th</sup>. Application fees for 2023-2024 were \$70 per campus.

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## UNIVERSITY OF CALIFORNIA

The UC system currently has nine campuses that will accept freshman applications. Students should contact their counselors for details regarding Eligibility in the Local Context (ELC). Otherwise, UC's require a minimum GPA of 3.0 based on academic (A-G) coursework completed during grades 9-12.

**REQUIRED ADMISSIONS TESTS:** The SAT or ACT are **no longer required** for admissions. Scores may, however, be used for placement after admission.

**COST:** Tuition and fees for the 2024-2025 school year are estimated at \$13,146; cost of books and supplies average about \$1,200 per year and the cost of room and board in on-campus housing is approximately \$16,500.

**APPLICATION PROCESS:** Applications are available on-line at [www.universityofcalifornia.edu/apply](http://www.universityofcalifornia.edu/apply). Applications must be submitted between November 1<sup>st</sup> - November 30<sup>th</sup>. Fees for the 2022-2023 application were \$70 per campus. The UC application requires a personal statement by the student.

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## PRIVATE COLLEGES AND UNIVERSITIES & OUT-OF-STATE PUBLIC UNIVERSITIES

There are more than 1600 accredited colleges and universities in the United States offering hundreds of different majors. Students interested in attending a private/out-of-state college or university will need to investigate specific application and eligibility requirements - including deadlines, test score requirements, fees, and supplementary documentation. Many schools use the Common Application, which can be completed through [www.commonapp.org](http://www.commonapp.org). Additional information can be found in the College & Career Center or in the Counseling Office.

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## MILITARY ACADEMIES

The US Naval Academy, West Point, Air Force Academy, Coast Guard Academy and Maritime Academy are prestigious institutions noted for small classes and close contact with professors. Their common mission is to prepare officers to serve in the highly technical armed services of today and the future. Academy nominations are required in order to be considered for appointment and must be obtained from the President, the Vice President, your US Senator, or House Representative. The El Camino Marine Corps JROTC Senior Marine Instructor can also submit a US Naval Academy nomination to highly qualified individuals who successfully complete at least two years of JROTC. In some cases, the applicant may be found to not have the academic background necessary for collegiate success and may be offered an appointment to a preparatory school, such as the Naval Academy Preparatory School. (CSU Maritime Academy is another excellent alternative.)

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## COMMUNITY COLLEGES

There are 113 community colleges in the state of California. Any resident in the state is eligible for admission to any community college if he/she is a high school graduate or is 18 years of age or older. High school students can also enroll concurrently in community college classes with approval at no cost per unit. See counselor for more info.

Community Colleges have the following purposes:

- To offer coursework comparable to the freshman and sophomore years at a four-year college. Students may transfer from the community college to a four-year college after two years.
- To provide occupational coursework that prepares students for more than 200 different occupations. Many pre- apprentice courses are offered.

- To offer courses that will allow students to make up high school deficiencies.
- To offer studies that are personally enriching.

**COSTS:** Enrollment fees for the 2023-2024 school year were \$46 per unit, per semester. A full-time college student is typically enrolled in 12-16 units. The cost of books is approximately \$825 per semester. Students who graduate from OUSD and complete the FAFSA can qualify for the MiraCosta Promise, receiving their first two years of tuition free at MiraCosta.

**How to Apply:** Students may apply for admission on-line through specific college websites, or via [www.cccapply.org](http://www.cccapply.org).

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## **VOCATIONAL, TECHNICAL AND MILITARY SCHOOLS**

There are literally thousands of vocational and technical schools that teach a variety of skills leading to a variety of careers. Admission requirements for these schools vary, and tuition ranges from \$500 to \$10,000, depending on the type and length of the program. Search on [www.californiacolleges.edu](http://www.californiacolleges.edu) or stop by the College & Career Center for more information.

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## **EI CAMINO HIGH SCHOOL GRADING SCALE**

To determine the Grade Point Average (G.P.A.): Add the point value of each grade then divide by the total number of classes/grades.

### **Grading Points for Regular Classes**

A = 4 points  
 B = 3 points  
 C = 2 points  
 D = 1 points  
 F = 0 points

### **Grading Points for Advanced Placement (AP) Classes**

A = 5 points  
 B = 4 points  
 C = 3 points  
 D = 1 points  
 F = 0 points

## CTE - Career Technical Education

### What is a CTE pathway?

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

### Why should students participate in a CTE pathway?

While in high school, students have the opportunity to acquire free technical skills training in the career field in which he/she is interested. Students will learn valuable technical skills and soft skills making them employable, regardless of the field of study in which they actually end up.

### Are any CTE classes in pathways articulated with local community colleges?

Yes! Many CTE courses are articulated with Palomar and Mira Costa colleges. At the beginning of each school year, CTE teachers work with CTE transition coordinators from Palomar and Mira Costa to begin or renew their course articulation agreements.

### How do CTE courses prepare students for college and career?

All CTE courses support the Common Core and CTE Model Curriculum Standards (MCS). Learning rigorous academic skills, especially in English Language Arts and Mathematics are an integral part of each CTE course outline and competencies. These skills help our students put English Language Arts and Mathematics to work in a real world, hands-on environment to which they can relate. The CTE MCS are designed to assist school districts in developing high quality curriculum and instruction to prepare students for future careers. The MCS were created with assistance from more than 300 representatives from business, industry, postsecondary and secondary education and reviewed by nearly 1000 members of the public. These standards are rigorous, evidence-based, relevant and reasonable in scope. <http://www.cde.ca.gov/ci/ct/sf/mcsbriefpaper.asp>

### Career technical education is critical to meeting the state's workforce needs.

If current trends continue, roughly one-third of new jobs in California will require some training beyond high school but less than a four-year degree. Career technical education (CTE), also known as vocational training, connects students to these career opportunities by providing industry-based skills. In addition to improving career options in the short term, CTE can provide pathways to higher education; for example, more than half of the CTE courses offered at ECHS meet one or more of the admission requirements for California's public four-year universities.

### What are the CTE areas of study or industry sectors?

Agriculture & Natural Resources	Arts, Media & Entertainment	Building & Construction Trades	Business and Finance	Education, Child Development & Family Services
Energy, Environment & Utilities	Engineering & Architecture	Fashion & Interior Design	Health Science & Medical Technology	Hospitality, Tourism & Recreation
Information & Communication Technologies	Manufacturing and Product Development	Marketing, Sales & Service	Public Services	Transportation

## COURSE SELECTION PROCESS

Choose your classes wisely! Once school begins, students will only be allowed to change a class for the reasons indicated on page 4.

STEPS FOR STUDENTS	NOTES TO PARENTS REGARDING CORE CURRICULUM AND STUDENT SUCCESS
<ul style="list-style-type: none"><li>· Read the course descriptions carefully before making any selections. The school's master schedule and teacher assignments are made based on student course requests.</li><li>· Required courses for the ECHS diploma are listed on page 4. Study them carefully.</li><li>· Prerequisites and grade levels are listed for each course. <u>Please make sure that you meet specific guidelines.</u></li><li>· Review your course choices with your parents. Student and parent signatures are <b>REQUIRED</b> on the course selection form.</li><li>· Develop a four-year plan to ensure that you are meeting graduation requirements and planning for your post high school goals. Samples are provided in the back of this catalog.</li></ul>	<p>El Camino High School and the Oceanside Unified School District have a core curriculum that all students must complete to graduate (pg. 4). As competition for colleges and jobs is increasing rapidly, support services are available to all students to assist in their success at ECHS. We urge our parents to:</p> <ul style="list-style-type: none"><li>· Stress the importance of education and a marketable skill.</li><li>· Stress the importance of daily attendance at school.</li><li>· Encourage your student to read.</li><li>· Discuss each six-week progress report and each semester report card with your student.</li><li>· Assist your student in selecting appropriate courses for next year's schedule.</li><li>· Monitor your student's progress daily on Aeries.</li></ul>

**\*\*El Camino High School reserves the right to change course offerings from those listed here. For that reason, please make certain that you list alternate selections on the course selection form.\*\***

### AERIES STUDENT/PARENT PORTAL

Students and parents are encouraged to check progress daily on this internet-based website. You can monitor grades and assignments from home or any location with internet access. Course selection and registration for the 2024/25 school year will require a student portal. See page 10 for instructions.

Go to <https://oside.asp.aeries.net/student> or follow the link from the ECHS homepage, [www.oside.us](http://www.oside.us) to create an account. To get started you will need your ECHS student ID number, verification code and a valid email address.

The local educational agency (LEA) adopted a policy that prohibits discrimination, harassment, intimidation, and bullying based on actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sex, sexual orientation, or association with a person or a group with one or more of these actual or perceived characteristics.

## Instructions to Register for Aeries Portal account

**Student Name:**

**ID number:**

**Home phone number:**

**Verification code:**

You cannot create an account without these items.  
*\*This information must be supplied by your child's school*

*If the phone number appearing on this form has changed and been updated in the school office, you will need to use the new telephone number.*

## Registering for an Aeries Portal Account

1. Log into: <https://oside.asp.aeries.net/student/>
2. Select "Create New Account"
3. Click the button to indicate whether you are a parent or a student
4. Enter email twice and enter password of your choice twice, click next.
5. This will generate an email from [Do Not Reply Portal@oside.us](mailto:Do Not Reply Portal@oside.us) to your personal email account.
6. On your personal email account, open the verification email and get the "email code" **OR** click on "Confirm this mail address" link (if you confirm the email address, you will not need to enter the email code.)

## Adding a student to an Aeries Portal Account

1. Log into your Parent Portal account
2. On the Home screen, click on "Change Student"
3. Select "Add New Student to Your Account"
4. Enter the student ID, home telephone number and verification code (This information can be obtained from your students school)
5. Select your name or click "none of the above"

Click add another student if you have more than one student

## Parent Portal support

Telephone: 760-966-4408



**OCEANSIDE**  
UNIFIED • SCHOOL • DISTRICT

**EL CAMINO HIGH SCHOOL**  
**2024-2025 University of California Approved a - g Courses**

See the latest updates at <https://hs-articulation.ucop.edu>

**A - History/Social Science (2 years required)**

World History  
US History  
Government

AP World History  
AP US History  
AP Government

**B - English (4 years required)**

English 9  
English 10  
English 11

ERWC  
AP English Language & Composition  
AP English Literature & Composition

**C - Mathematics (3 years required, 4 recommended)**

Algebra I  
Geometry  
Accelerated Geometry  
Algebra 2  
Accelerated Algebra 2  
Financial Algebra

Math Analysis  
AP Statistics  
AP Calculus AB  
AP Calculus BC  
AP Computer Science

**D - Laboratory Science (2 years required, 3 recommended)**

Biology NGSS  
Biotechnology  
Physics  
Chemistry  
Earth/Space Science  
Oceanography

Anatomy & Physiology  
AP Computer Principles  
AP Environmental Science  
AP Biology  
AP Physics  
AP Chemistry

**E - World Language (2 years required, 3 years recommended)**

American Sign Language I  
American Sign Language II  
French I  
French II  
French III  
French IV  
AP French Language  
Spanish for Spanish Speakers I

Spanish for Spanish Speakers II  
Spanish I  
Spanish II  
Spanish III  
Spanish IV  
AP Spanish Language  
AP Spanish Literature

**F - Visual and Performing Arts (1 year required)**

3D Design & Sculpture  
Advanced Drama  
Advanced String Orchestra  
AP Studio Art: 2D  
AP Studio Art: 3D  
AP Studio Art: Drawing  
Art I  
Art II  
Broadcast Journalism  
Chamber Singers  
Chorus  
Concert Band  
Dance II  
Dance III

Fine Woodworking I  
Fine Woodworking II  
History of Rock & Roll  
Intro to Graphic Design  
Intro to Theater Arts (Drama)  
Jazz Ensemble  
Musical Theater  
Orchestra  
Percussion Ensemble  
Photography  
TV, Film and Digital Media  
Web Design  
Wind Ensemble

**G - College Preparatory Electives (1 year required)**

AP Psychology  
AP Seminar  
AP Research  
AP African American Studies  
AVID

Economics  
Ethnic Studies  
Psychology A/B  
Publications  
JROTC 10, 11, and 12

**Underlined courses will receive weighted grade points (A=5, B=4, C=3)**

# **\*\*\*\* EL CAMINO HIGH SCHOOL COURSE DESCRIPTIONS \*\*\*\***

Detailed descriptions of each course are available through the OUSD website:

<https://www.ouse.us/Page/1402>

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## **\*\*\*\*A - HISTORY/SOCIAL SCIENCE\*\*\*\***

A minimum of three years (30 credits) of Social Science is required for high school graduation. All students must take World History (one year), U.S. History (one year), Government (one semester) and Economics (one semester).

### **WORLD HISTORY**

**Course #: 1091101**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**SOCIAL SCIENCE**

**A-G Approval/Subject Area:**

**YES/A**

**NCAA Approved:**

**YES**

This course teaches the chronological knowledge of World History, including the geographical and cultural influences. Themes include political change, economic development, the growth of science and technology, the effect of contact between cultures, and creativity in the arts. Skill emphasis will include reading, analysis, speaking, note taking, writing and research. This course will help you develop and refine critical thinking and writing skills necessary in all academic courses.

### **AP WORLD HISTORY**

**Course #: 109501**

**10-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**YES/A**

**NCAA Approved:**

**YES**

Advanced Placement World History is a college-level course designed to help students develop a greater understanding of the evolution of global processes and contacts as well as interactions between different types of human society. Students study events occurring after 8000 BCE.

### **U.S. HISTORY**

**Course #: 109201**

**11-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**SOCIAL SCIENCE**

**A-G Approval/Subject Area:**

**YES/A**

**NCAA Approved:**

**YES**

This course is an analysis of the history of the United States from colonial times to the present, with emphasis on inquiry and analytical skills. The focus of this course is the study of the historical development of American ideas and institutions from the Age of Exploration to the present. You will learn fundamental concepts in civics, economics, and geography. You will obtain a basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States

### **AP U.S. HISTORY**

**Course #: 109503**

**11-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**SOCIAL SCIENCE**

**Meets A-G Approval/Subject Area:**

**YES/A**

**NCAA Approved:**

**YES**

This course teaches the analytical skills and factual knowledge necessary to deal critically with problems in U. S. History. You will learn how to assess historical materials and to weigh the evidence and interpretations

presented as well as to present reasons and evidence clearly and persuasively in essay format. Thereby, you will be perfecting essay writing and critical thinking skills both necessary for success in college, as well as potentially earning college credit and a weighted grade. The course demands dedicated homework completion and a strong desire to succeed. It prepares students for the national AP examination.

## **ETHNIC STUDIES**

**Course #: 709301**

**11-12**

**Prerequisite:**

**NONE**

**Credit for Graduation:**

**ETHNIC STUDIES**

**A-G Approval/Subject Area:**

**Yes/G**

This Ethnic Studies course aims to educate students to be politically, socially, and economically conscious about their personal connections to local and global histories. By studying the histories of race, ethnicity, nationality, and culture, students will cultivate respect and empathy for individuals and solidarity with groups of people locally, nationally, and globally so as to foster active social engagement and community building. Within each unit of study students will focus on the experiences of African Americans, Asian Americans, Chicanas/os and Latinas/os, American Indians, Pacific Islander Americans and other excluded people in the United States, such as the LGBTQ community, and those with special needs. This course develops academic skills, such as reading, writing, speaking, analysis, critical thinking, communication, collaboration, creativity, citizenship, historical thinking, and the evaluation and discernment of credible and non-credible sources.

## **GOVERNMENT / ECONOMICS**

**Course #: 109301 / 109302**

**12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**SOCIAL SCIENCE**

**A-G Approval/Subject Area:**

**Government YES/A ; Economics YES/G**

**NCAA Approved:**

**YES**

Government is a survey of the U.S. Government Structure, systems and political processes focusing on constitutional structures and foundations. The purpose of this course is to help you become an informed and active citizen. The purpose of Economics is to aid you in understanding the basic principles of our economic system and that of other countries. In addition, the goal is to enable you to gain knowledge of economic principles for use in your everyday lives. Specific units are production, supply and demand, stock market money, credit, banking, personal income, the government and its economy, and major economic problems.

## **AP U.S. GOVERNMENT**

**Course #: 109507**

**12**

**Prerequisite:**

**U.S. History**

**Credit for Graduation:**

**SOCIAL SCIENCE**

**A-G Approval/Subject Area:**

**YES/A**

**NCAA Approved:**

**YES**

This course is an introductory college-level course to US Politics and Democracy. Students will gain the confidence to understand and communicate the following: beliefs about how government should solve our social and economic problems, who to elect into office, how to understand what our leaders are really doing behind the scenes and behind the news headlines. This confidence will allow students to easily follow and understand current events as well as communicate & inform people around you. This course will prepare students for ~~success on~~ success on the AP examination.

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### **\*\*\*\* B - ENGLISH \*\*\*\***

A minimum of four years (40 credits) of English is required for high school graduation. The University of California and the California State University require that four years of University-approved courses be taken for admittance.

## **ENGLISH 9**

**Course #: 209101**

**9**

**Prerequisite:**

**None**

<b>Credit for Graduation:</b>	<b>ENGLISH</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/B</b>
<b>NCAA Approved:</b>	<b>YES</b>

English 9 is a yearlong course designed to involve students in the study and practice of language, literature, writing, listening, and speaking. Students will build upon and improve skills learned in their middle school language arts courses and will work toward becoming better communicators on a variety of levels. Students will also prepare for the California High School Exit Exam (CAHSEE) and other assessment situations they will face throughout their education including Common Core summative exams and the SAT.

## **ENGLISH 10**

<b>Course #: 209201</b>	<b>10</b>
<b>Prerequisite:</b>	<b>None</b>
<b>Credit for Graduation:</b>	<b>ENGLISH</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/B</b>
<b>NCAA Approved:</b>	<b>YES</b>

English 10 is a yearlong course designed to involve students in the study and practice of language, literature, writing, listening and speaking. Students will build upon and improve skills learned in English 9 and will work toward becoming better communicators on a variety of levels. Students will also prepare for a variety of assessments they will face throughout their education including Common Core summative exams and the SAT.

## **ENGLISH 11**

<b>Course #: 209301</b>	<b>11</b>
<b>Prerequisite:</b>	<b>None</b>
<b>Credit for Graduation:</b>	<b>ENGLISH</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/B</b>
<b>NCAA Approved:</b>	<b>YES</b>

This course is a chronological and thematic study of American Literature from Native American to contemporary times. Students will study representative works from each major literary period in relation to corresponding social and political issues. Elements of the humanities are included to provide further insight to each era. This course also includes components of vocabulary, the writing process and research skills, and is aligned with the California Language Arts Framework.

## **AP ENGLISH LANGUAGE & COMPOSITION**

<b>Course #: 209501</b>	<b>11</b>
<b>Prerequisite:</b>	<b>C or higher in English recommended</b>
<b>Credit for Graduation:</b>	<b>ENGLISH</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/B</b>
<b>NCAA Approved:</b>	<b>YES</b>

This course is designed for eleventh grade students who wish to prepare for the AP examination. The course will help students to become skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts, and to become skilled writers who can compose for a variety of purposes. Through close reading and stylistic analysis, students will examine and write about difficult and challenging works of literature normally studied in a college freshman English course.

## **EXPOSITORY READING AND WRITING/ERWC**

<b>Course #: 209401</b>	<b>12</b>
<b>Prerequisite:</b>	<b>None</b>
<b>Credit for Graduation:</b>	<b>ENGLISH</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/B</b>
<b>NCAA Approved:</b>	<b>YES</b>

This course was developed by the California State University in order to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of instructional modules, students in a yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. Upon completion of the course, students will have increased their awareness of the rhetorical strategies employed by authors and will be able to apply those strategies in their own writing.

**AP ENGLISH LITERATURE & COMPOSITION**

<b>Course #:</b>	<b>209503</b>	<b>12</b>
<b>Prerequisite:</b>		<b>C or higher in AP English Lang/Comp recommended</b>
<b>Credit for Graduation:</b>		<b>ENGLISH</b>
<b>Meets A-G Approval/Subject Area:</b>		<b>YES/B</b>
<b>NCAA Approved:</b>		<b>YES</b>

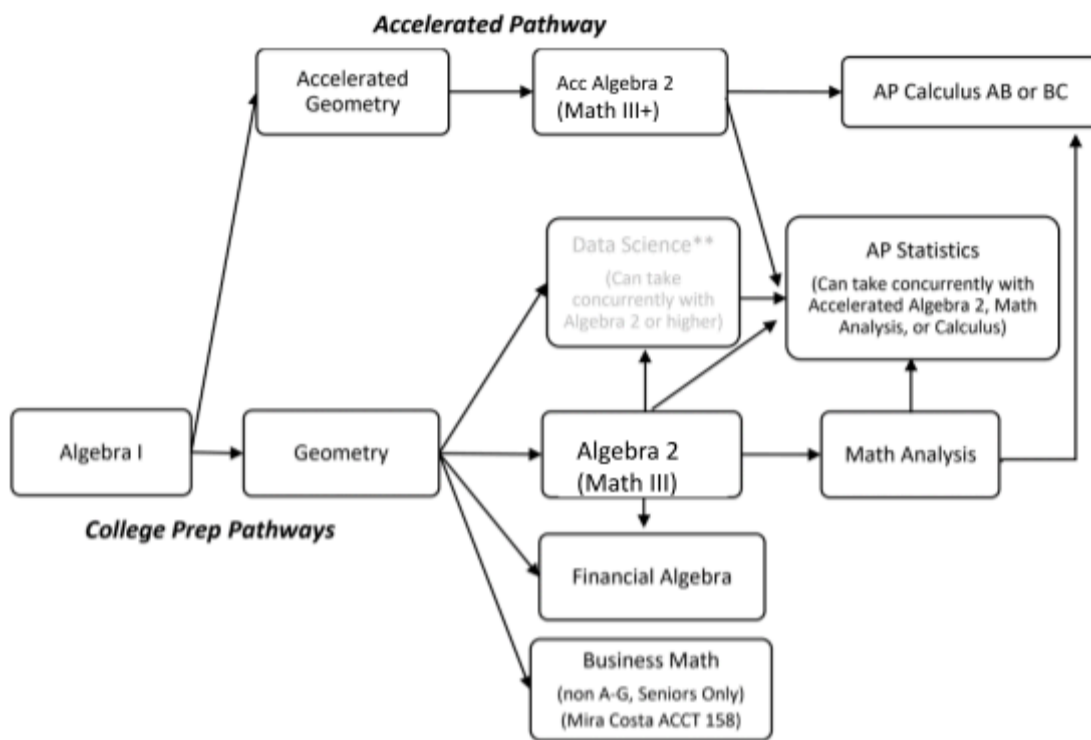
This course is designed to prepare students for the AP English Literature and Composition Exam. The course offers an intense study of the political and philosophical nature of English and World Literature. Included throughout is an emphasis on development of self-discipline, initiative, and good work habits, as well as knowledge of subject matter and interest in achievement. Students employ strategies of close reading and stylistic analysis, while examining difficult and challenging works of literature normally studied in a college freshman English course. This class is also aligned with the California English Language Arts Content Standards.

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**\*\*\*\* C - MATHEMATICS \*\*\*\***

A minimum of three years of mathematics is required for graduation from high school. For students planning to attend a four-year college or university, Algebra I, Geometry, and Algebra II or HS Math I, II and III are required. For students planning to attend the University of California, four years of mathematics are recommended. Most private institutions have the same requirements. Four years of mathematics is highly recommended for college-bound students, especially those entering such technical fields as engineering, medicine, and the sciences.

**2025-2026 Math Sequence**



\*\* Math III / III+ will **no** longer be offered after the 2024-2025 school year

\*\* Data Science is **not** offered for the 2025-2026 school year

## ALGEBRA I

**Course #:** 309141

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**NCAA Approved:**

**9-12**

**Math 8**

**MATH**

**YES/C**

**YES**

The Algebra 1 course is the first course in the high school sequence aligned with the Common Core State Standards for Mathematics (CCSS-M). The purpose of this course is to provide opportunities for students to gain fluency with linear, quadratic and exponential functions. Students will engage in contrasting linear, quadratic and exponential functions, in addition to analyzing, solving and using these functions to model real-world situations. Throughout the course, students will gain understanding and use the formal definition of functions and their notation, and will use them to interpret and build functions. Students will also discover the analogous nature of polynomials with integers, and will begin their study of statistics, focusing on interpreting categorical and quantitative data. In addition to the CCSS-M standards content standards for Algebra 1, students will experience and gain fluency with the eight Standards for Mathematical Practice.

## GEOMETRY

**Course #:** 309241

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**NCAA Approved:**

**9-12**

**Algebra 1**

**MATH**

**YES/C**

**YES**

This course begins with students developing conjectures and observations, building on their middle school study of figure transformations. Using transformation-based definitions, they rigorously prove triangle congruence and similarity theorems, applying them to quadrilaterals, isosceles triangles, and more. Further exploration includes right triangle trigonometry, derivation of volume formulas, and the impact of dilation on area and volume. The integration of algebra and geometry is emphasized through coordinate geometry, where students build equations for circles, parabolas, and lines. Connections between transformations, the Pythagorean Theorem, and functions are established. The course delves into the analysis of relationships in

circles, introduces radian measure, and concludes with an extension of probability concepts, including the consideration of combined events and independence. Classroom activities provide opportunities for mathematical modeling, supported by modeling prompts throughout the course.

## **ACCELERATED GEOMETRY**

**Course #: 309251**

**9-12**

**Prerequisite:**

**Algebra 1**

**Credit for Graduation:**

**MATH**

**A-G Approval/Subject Area:**

**YES/C**

**NCAA Approved:**

Students will meet the goals of Geometry as well as work beyond the course level in order to prepare for AP Calculus in senior year. Accelerated Geometry is the first class in a two-course series that consolidates three years of math content (Geometry, Algebra 2, and Math Analysis/Pre-Calculus) into two years. Students will be engaged at a more rigorous pace and an in-depth treatment of Geometry. Topics to be studied more in depth include conic sections, unit circle and trigonometric functions, and parametric functions. This Accelerated Geometry course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at El Camino. It is recommended that students enrolling have received As or Bs in previous Math classes.

## **ALGEBRA 2**

**Course #: 309341**

**10-12**

**Prerequisite:**

**Geometry**

**Credit for Graduation:**

**MATH**

**A-G Approval/Subject Area:**

**YES/C**

**NCAA Approved:**

Commencing with a study of sequences and revisiting linear and exponential functions, this course guides students to extend exponent rules to include rational exponents. Exploring exponential functions, they establish growth properties over non-integer intervals using logarithms and delve into continuous growth modeling with the number "e." Graphical and algebraic function transformations are introduced, followed by a unit on statistical inference using normal distributions. Transitioning to trigonometry, students gain a working understanding of the unit circle and its connection to trigonometry. They explore cosine and sine as functions, graphing them on the unit circle and identifying common features. Building on previous graph transformations, students apply these principles to trigonometric functions and use them to model various situations. Throughout the course, active engagement in mathematical modeling is encouraged, supported by integrated modeling prompts.

## **ACCELERATED ALGEBRA 2**

**Course #: 309254**

**10-12**

**Prerequisite:**

**Accelerated Geometry**

**Credit for Graduation:**

**MATH**

**A-G Approval/Subject Area:**

**YES/C**

**NCAA Approved:**

Students will meet the goals of Algebra 2 as well as work beyond the course level in order to prepare for AP Calculus in senior year. Accelerated Algebra 2 is the second class in a two-course series that consolidates 3 years of math content (Geometry, Algebra 2, and Math Analysis/Pre-Calculus) into two years. Students will extend their learning to include Common Core Standards of Math designated for Advanced Placement Calculus readiness beyond the comprehensive college preparatory standards for all students. Topics to be studied more in depth include characteristics and transformations of the families of functions and their inverses (polynomial, rational, logarithmic, exponential, trigonometric,) trigonometric identities, polar coordinates, parametric curves, and complex plane. Students will be introduced to limits and derivatives. The Accelerated Algebra 2 course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at El Camino. It is highly recommended that students enrolling have taken Accelerated Geometry with a C or better.

## **MATH ANALYSIS**

**Course #: 309401**

**9-12**

**Prerequisite:**

**C or higher in Algebra II or Math III**

**Credit for Graduation:** MATH  
**A-G Approval/Subject Area:** YES/C  
**NCAA Approved:** YES

This course is designed to continue the study of mathematics concepts covered in Math III or Algebra II and prepare students for the study of calculus. Topics covered include the family of functions (e.g., polynomial, rational, exponential, logarithmic, and trigonometric); limits; derivatives; vectors; matrices; sequences; and series. This course is highly recommended for students planning to meet A-G eligibility for UC/CSU.

### **AP CALCULUS AB**

**Course #:** 309501 9-12  
**Prerequisite:** C or higher in Math 3+ or Math An.  
**Credit for Graduation:** MATH  
**A-G Approval/Subject Area:** YES/C  
**NCAA Approved:** YES

This course covers differential and integral calculus topics that are typically included in an introductory college level Calculus course. This class helps to prepare students for the AP Calculus-AB Exam. Topics include the limit process, properties of functions and their derivatives vs. anti-differentiation. In addition, applications and concepts from physics are applied along with the analysis of moving objects.

### **AP CALCULUS BC**

**Course #:** 309503 9-12  
**Prerequisite:** C or higher in Calc AB or teacher rec  
**Credit for Graduation:** MATH  
**A-G Approval/Subject Area:** YES/C  
**NCAA Approved:** YES

This course covers differential and integral calculus topics that are typically included in the second college level Calculus course. This class helps to prepare students for the AP Calculus-BC Exam. In addition to expanding on topics covered in AP Calculus AB, students will study parametric, polar, and vector functions, polynomial approximations, and infinite series.

### **AP STATISTICS**

**Course #:** 309505 9-12  
**Prerequisite:** C or higher in Math 3 or higher  
**Credit for Graduation:** MATH  
**A-G Approval/Subject Area:** YES/C  
**NCAA Approved:** YES

The purpose of the AP course in statistics is to introduce students to major concepts and tools used for collecting, analyzing, and drawing conclusions from data. Students will explore statistics through discussions, activities, and technology. Students will also design surveys and experiments. There are four themes evident in the content, skills, and assessment in the AP Statistics course: (i) selecting methods for collecting or analyzing data, (ii) describing patterns, trends, associations, and relationships in data, (iii) using probability and simulation to describe probability distributions and define uncertainty in statistical inference, and (iv) using statistical reasoning to draw appropriate conclusions and justify claims.

### **FINANCIAL ALGEBRA**

**Course #:** 309021 11-12  
**Prerequisite:** Completion of HS Math I & II or Algebra & Geometry  
**Credit for Graduation:** MATH  
**A-G Approval/Subject Area:** YES  
**NCAA Approved:** YES

This course provides an additional option for a third or fourth year of math. Advanced Algebra with Financial Applications offers 11<sup>th</sup> and 12<sup>th</sup> grade students an opportunity to view the world of finance through a mathematical lens. It also helps students following career pathways to increase career and technical math skills necessary for the 21<sup>st</sup> century workplace. Note: Financial Algebra is approved as a 3rd year math class for University of California and California State University systems. Any students who are applying to private or out of state colleges or universities must confirm with those institutions if they will accept Financial Algebra as a 3rd year math class.

**BUSINESS MATHEMATICS****Course #: 309403****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:****NCAA Approved:****Articulated with:****12****Completion of Math II or Geometry and/or Teacher Rec  
MATH****NO****NO****(MiraCosta College ACCT 158)**

This is a two-semester course designed to assist the students in applying mathematics effectively in their consumer and business roles. Besides fundamental mathematics, topics covered during the first semester include income, benefits, payroll, borrowing and investing. Consumer purchases and business management are covered during the second semester. \*\*NOTE: This is not a college preparatory math course\*\*

**AP COMPUTER SCIENCE A (2<sup>nd</sup> course in Software Systems Development pathway)****Course #: 709501****10-12****Prerequisite:****None****Credit for Graduation:****MATH/College Prep Elective****A-G Approval/Subject Area:****YES/C or G****Articulated with:****MiraCosta / CS 101****NCAA Approved:****YES**

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. Students who pass this class with an A or B will earn college credits from MiraCosta in CS 111.

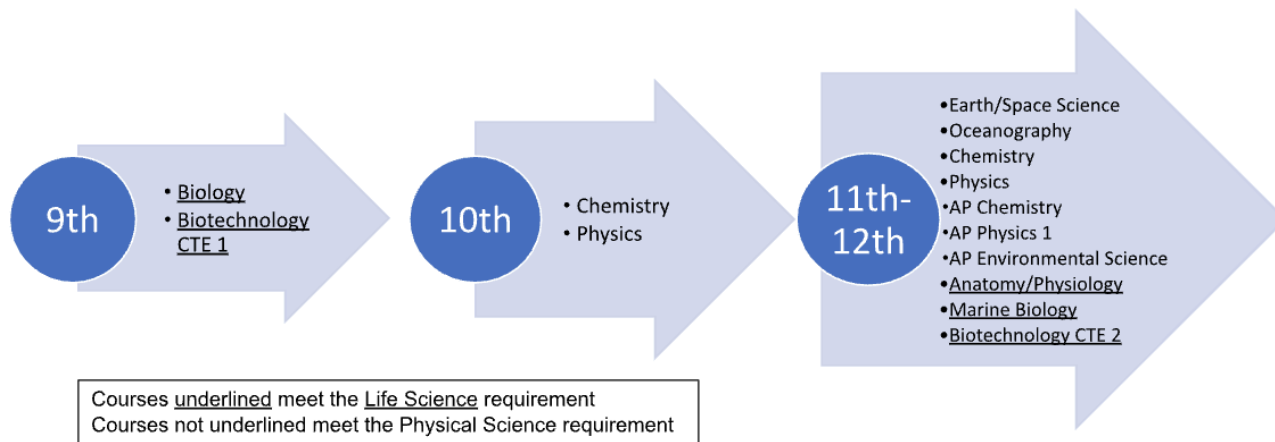
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**\*\*\*\* D - SCIENCE \*\*\*\***

A minimum of two years of lab science (one life science and one physical science) are required for graduation from high school. Students planning on admission to the UC system or those interested in pursuing science in college are strongly recommended to go beyond the minimum requirements. We recommend taking at a minimum, Biology, Chemistry and Physics to be competitive in the college application process. The science department is pleased to offer four Advanced Placement courses (Biology, Chemistry, Physics, and Environmental Science) as well as Anatomy/Physiology and Marine Biology for students who have completed the minimum requirements. Because of the popularity of some of our elective classes, the number of students who sign up to take the courses sometimes exceeds the number of seats available. In that case, we must have an open and fair way to determine who gets into the class. Seniors will have first priority since it will be their last chance to take that particular elective. If the class is still full, those students (including seniors) who have taken accelerated classes the prior year will get priority. We encourage all students to challenge themselves and take accelerated courses.

\*Students are encouraged to talk with their counselor and consult teachers within the science department to determine the best course for them.\*

**2025-2026 Science Sequence**



## BIOLOGY (NGSS)

**Course #:** 409131

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**NCAA Approved:**

**9-12**

**None**

**LIFE SCIENCE**

**YES/D**

**YES**

Biology (NGSS) is a concept-oriented, investigative approach to science for the college-preparatory student. This course is organized into units on cell biology, genetics, ecology, evolution, and human physiology. Students will use the scientific method to develop skills in problem solving.

## BIOTECHNOLOGY CTE 1

**Course #:** 709040

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**NCAA Approved:**

**9-12**

**None**

**LIFE SCIENCE**

**YES/D**

**YES**

In this yearlong course, the science of biology is explored with a special emphasis on how biology is applied in the field of biotechnology. Throughout the course, recurring activities emphasize laboratory procedures and safety, inquiry-based lab protocols, methods for gathering and analyzing data, and applying what is learned to real world situations. Students will read and write in the discipline to research, document and communicate their findings and propose further research. The specific skill sets required for work in biotechnology-related fields are emphasized.

## CHEMISTRY

**Course #:** 409201

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**NCAA Approved:**

**10-12**

**C or higher grade in Algebra 1 and Biology**

**PHYSICAL SCIENCE**

**YES/D**

**YES**

Chemistry is a college preparatory lab science about the study of the structure of matter, its properties, and reactions. This course is recommended for those students who want to fulfill their a-g requirements. There is an emphasis on the mathematical formulations of the principles, chemical calculations, and problem solving. The laboratory component of the course is designed to develop scientific thinking and identify sources of unavoidable experimental error or reasons for inconsistent results. Experiments require interpretation of data and calculations with quantitative data.

## PHYSICS (NGSS)

**Course #:** 409261

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**10-12**

**C or higher grade in Algebra 1 and Biology**

**PHYSICAL SCIENCE**

**YES/D**

**NCAA Approved:****YES**

Students will solve problems as they relate to basic questions of motion, forces, energy, waves, electricity, and magnetism. Everyday applications and technologies are integrated with the basic concepts first, and computational emphasis next. Explanations and activities relate to everyday life to include a study of matter and the universe. The course should broaden the spectrum of students taking the course by attracting both science and non-science-oriented students. This is a college preparatory lab course in which students develop skills in logical reasoning, clarity, and precision of expression in both oral and written communication.

**BIOTECHNOLOGY CTE 2****Course #: 709042****9-12****Prerequisite:****C or higher in Biotechnology CTE 1 and Chemistry or****Physics****Credit for Graduation:****LIFE SCIENCE****A-G Approval/Subject Area:****YES/D****NCAA Approved:****YES**

This one-year course for 11th and/or 12th graders will build upon the content and skills acquired in Biotechnology. This course will explore the intermediate to advanced knowledge and skills needed to study, isolate and produce proteins and DNA. Students will also use genetic engineering techniques to modify a model organism. The majority of the knowledge will be demonstrated through lab procedures recorded in a Legal Scientific Lab Notebook. Students will explore and evaluate career opportunities in the field of biotechnology by way of guest speakers, site visits to biotechnology companies and facilities, and researching career opportunities in related fields. Students will also investigate opportunities for post-secondary education and employment in order to gain a broad awareness of both scientific and non-scientific career paths within the biotechnology industry. The ultimate course goal is for students to develop their ability as collaborative and creative problem solvers.

**EARTH/SPACE SCIENCE (NGSS)****Course #: 409241****11-12****Prerequisite:****Concurrent enrollment in Algebra 1 or higher****Credit for Graduation:****PHYSICAL SCIENCE****A-G Approval/Subject Area:****YES/D****NCAA Approved:****YES**

Earth and space sciences is a laboratory course that will take an in depth look at the natural world and its processes. Students will explore and understand the objects that make up our universe, the history of the universe and planet Earth, the materials and processes that shape our world, Earth's natural resources and hazards, changes in Earth's climate systems, and the role that humans play in altering our planet. The course is designed to cover the Next Generation Science Standards (NGSS), including developing models and graphs for interpreting data, carrying out investigations, communicating information, and designing solutions to various problems and challenges.

**MARINE BIOLOGY****Course #: 409111****11-12****Prerequisite:****Successful completion of Physical Science or Biology****Credit for Graduation:****LIFE SCIENCE****A-G Approval/Subject Area:****YES/D****NCAA Approved:****YES**

This course is designed to emphasize broad concepts of living systems in the marine environment. Concepts include structure, stability and interactions between the biotic and abiotic cycles, as well as evolution of organisms and patterns of genetic and ecological change. It will continue to stress the fundamentals of biology and life sciences and prepare students for a collegiate level or Advanced Placement courses in the life and environmental sciences. Weekly dissections of the major phyla will be required. In the event the course is full, the following criteria will be used: Students who are seniors, have passed Biology with a B or better, and have completed either Chemistry or Accelerated Physics with a B or better. The next criteria will be seniors who have passed Biology with a B or better and have passed Chemistry or Physics with a C or better. The next priority will be given to juniors who meet the same criteria as above.

**OCEANOGRAPHY****Course #: 409231****11-12**

<b>Prerequisite:</b>	<b>C or higher grade in Earth Science or Biology</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL SCIENCE</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/D</b>
<b>NCAA Approved:</b>	<b>YES</b>

In this course, students will study the relationship between the physical properties of the ocean, the atmosphere, the seafloor and the coast. Major topics covered include waves, tides, currents, seawater chemistry, ocean floor features, coastal processes, ocean pollution and climate change. Students will gain an understanding of the ocean's influence on them, and their influence on the ocean.

## **ANATOMY & PHYSIOLOGY**

<b>Course #:</b> 409403	<b>11-12</b>
<b>Prerequisite:</b>	<b>C or higher grade in Chemistry strongly recommended</b>
<b>Credit for Graduation:</b>	<b>LIFE SCIENCE</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/D</b>
<b>NCAA Approved:</b>	<b>YES</b>

This course is a study of human structure (anatomy) and its relationship to function (physiology). All major body systems will be covered in this course as well as biochemistry, cytology and histology. Various dissections will supplement learning during this course and will culminate in a whole mammal dissection. This course is most appropriate for those students interested in the medical profession.

## **AP BIOLOGY**

<b>Course #:</b> 409501	<b>11-12</b>
<b>Prerequisite:</b>	<b>A or B in Biology and Chemistry, Anatomy/Physiology or Physics recommended</b>
<b>Credit for Graduation:</b>	<b>LIFE SCIENCE</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/D</b>
<b>NCAA Approved:</b>	<b>YES</b>

Advanced Placement Biology is a college level general biology course taught at the high school level. The class will bring together the four big ideas in Biology: ecology, energy, evolution, and genetics. This course will move at a fast pace to cover the four big ideas as well as laboratory experiments to supplement classroom instruction. This course is structured for the purpose of taking the AP Exam in Biology. Therefore, the expectation in enrolling in this course is to take the Biology AP Exam in May. A passing score on the Biology AP Exam may provide college/university course credit at the college level (please check the AP Credit Policy for the colleges/universities you plan on applying to at (<https://apstudents.collegeboard.org/>) or at the least, provide exposure and preparedness to take an equivalent college level Biology course. The prerequisite for this course is an A or B in Biology and Chemistry. Recommended classes include Anatomy or Physics.

## **AP CHEMISTRY**

<b>Course #:</b> 409503	<b>11-12</b>
<b>Prerequisite:</b>	<b>C or higher grade in Chemistry</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL SCIENCE</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/D</b>
<b>NCAA Approved:</b>	<b>YES</b>

Advanced Placement Chemistry is designed to be the equivalent of the general chemistry course for science majors usually taken during the first year of college. The course is structured around the framework developed by the College Board and incorporates a college level laboratory component. The course uses a college level textbook and emphasizes calculations and mathematical formulations of principles. Strong problem solving skills are required in addition to being able to demonstrate conceptual understanding at the particle level. Passing the AP Chemistry exam can earn two semesters of college credit. In the event the course is full, the following criteria will be used: First - future seniors and then juniors with B or better in chemistry; Second - future seniors and then juniors with C or better in chemistry. Third -Open to sophomores (if the class is not full) that have taken the equivalent of high school chemistry at a community college over the summer or other students that meet the minimum prerequisite.

## **AP ENVIRONMENTAL SCIENCE**

<b>Course #:</b> 409507	<b>11-12</b>
<b>Prerequisite:</b>	<b>C in Biology &amp; either Physics or Chemistry</b>
<b>Credit for Graduation:</b>	<b>INTERDISCIPLINARY SCIENCE</b>

**A-G Approval/Subject Area:**

**YES/D**

**NCAA Approved:**

**YES**

The AP Environmental Science course integrates a wide variety of science disciplines including geology, biology, environmental studies, environmental science, chemistry, and geography. It also incorporates a sociological and political perspective. AP Environmental Science is designed to provide students with the scientific principles, concept and methodologies required to understand the interrelationships of the natural work, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. In the event the course is full, the following criteria will be used: Seniors who have passed Biology with a B or better and completed Chemistry with a B or better will have first priority. The next criteria will be seniors who have passed Biology with a B or better and completed Chemistry, or AP Physics 1 with a C or better. The next criteria will be juniors who meet the same standards as above.

### **AP PHYSICS 1**

**Course #: 409505**

**11-12**

**Prerequisite:**

**Completion of Algebra II or higher & Physics or Chemistry**

**Credit for Graduation:**

**PHYSICAL SCIENCE**

**A-G Approval/Subject Area:**

**YES/D**

**NCAA Approved:**

**YES**

This is a rigorous survey course integrating considerable depth of coverage with an extensive list of topics. Mathematical skills are regularly exercised up to, but not including the level of introductory calculus. Students are asked to solve complex problems applying their prior experience and knowledge. The range of topics prepares students for the AP Physics I exam. In the event this course is full, the following criteria will be used: Seniors who have passed Biology with a B or better, and Accelerated Physics or Accelerated Chemistry with a B or better. Next priority will be given to juniors who meet the same criteria as above.

### **AP COMPUTER PRINCIPLES - CTE (1st course in Software Systems Development Pathway)**

**Course #: 709503**

**11-12**

**Prerequisite:**

**Successful completion of Math I and II**

**Credit for Graduation:**

**PHYSICAL SCIENCE/College Prep Elective**

**A-G Approval/Subject Area:**

**YES/D of G**

**NCAA Approved:**

**YES**

**Articulated With:**

**MiraCosta (CS 101)**

AP Computer Science Principles (APCP) is intended to be equivalent to a first semester introductory college computing course. APCP offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden enrollment in computer science. Students who pass this class with an A or B will earn college credits from MiraCosta in CS 111.

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## **\*\*\*\* E - WORLD LANGUAGE \*\*\*\***

Students are required to take a minimum of two years (or the equivalent of Year 2) of a language other than English (LOTE) to graduate. Two years of a LOTE are required for admission to the CSU/UC systems. However, three to four years of a LOTE are recommended to better ensure UC admission.

### **FRENCH I**

**Course #: 509103**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**WORLD LANGUAGE**

**A-G Approval/Subject Area:**

**YES/E**

**NCAA Approved:**

**YES**

This course introduces the student to the French language and culture by giving the student an elementary vocabulary for communicating in the language in all modalities

## **FRENCH II / III / IV**

**Course #: 509203 / 509303 / 509403**

**9-12**

**Prerequisite:**

**C or better in prior French course**

**Credit for Graduation:**

**WORLD LANGUAGE**

**A-G Approval/Subject Area:**

**YES/E**

**NCAA Approved:**

**YES**

These courses continue the study of the French language and culture with special emphasis on conversation skills and more complex grammar.

## **AP FRENCH**

**Course #: 509505**

**9-12**

**Prerequisite:**

**C or better in French III**

**Credit for Graduation:**

**WORLD LANGUAGE**

**A-G Approval/Subject Area:**

**YES/E**

**NCAA Approved:**

**YES**

AP French offers an integrated program to increase efficiency in all phases of language and literature study and prepare students for the AP French examination. Students must be willing to speak French.

## **SPANISH FOR SPANISH SPEAKERS I and II**

**Course #: 509021/509023**

**9-12**

**Prerequisite:**

**Spanish language experience**

**Credit for Graduation:**

**WORLD LANGUAGE**

**Meets a UC/CSU Requirement:**

**YES/E**

**NCAA Approved:**

**YES**

This course is designed specifically for the student with Spanish language experience. This course is taught entirely in Spanish. As a Language Arts course, it is intended to further develop reading comprehension, as well as composition and other exploratory skills at an intermediate level. It is a college prep course and fulfills the A-G requirements. All students placed into this class will be assessed the first week of school for proper placement. They may be then moved into Spanish II, Spanish III, or AP Spanish.

## **SPANISH I**

**Course #: 509101**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**WORLD LANGUAGE**

**Meets a UC/CSU Requirement:**

**YES/E**

**NCAA Approved:**

**YES**

This course introduces the student to the Spanish language and culture by giving the student an elementary vocabulary for communicating in the language in all modalities.

## **SPANISH II / III / IV**

**Course #: 509201 / 509301 / 509401**

**9-12**

**Prerequisite:**

**C or better in prior Spanish course**

**Credit for Graduation**

**WORLD LANGUAGE**

**A-G Approval/Subject Area:**

**YES/E**

**25NCAA Approved:**

**YES**

These courses continue the study of the Spanish language and culture begun in Spanish I, introducing new vocabulary, reading materials and more complex grammar.

**AP SPANISH LANGUAGE****Course #: 509501****9-12****Prerequisite:****C or better in Span III, Span/Spk or Teacher Approval****Credit for Graduation:****WORLD LANGUAGE****A-G Approval/Subject Area:****YES/E****NCAA Approved:****YES**

AP Spanish Language students will acquire the vocabulary and structure of the language necessary to read newspapers, magazines, modern Spanish literature, and communicate orally and in writing with fluency and accuracy. This course will prepare students for the AP Spanish examination. Students must be willing to speak Spanish.

**AP SPANISH LITERATURE****Course #: 509503****9-12****Prerequisite:****AP Spanish Lang or Teacher Approval****Credit for Graduation:****WORLD LANGUAGE****A-G Approval/Subject Area:****YES/E****NCAA Approved:****YES**

The AP Spanish Literature course is intended to be the equivalent of a third-year college Introduction to Hispanic Literature course. It covers selected authors and works from the literature of Spain and Latin America and centers on the understanding analysis of literary texts. By the end of the course, student language ability can generally be equated to that of college students who have completed the typical fifth or sixth semester Spanish Language course in composition, conversation, and grammar. AP Spanish Literature promotes and even goes beyond the usual proficiency achieved in the conversation by providing the equivalent of a first year college literature course.

**AMERICAN SIGN LANGUAGE I****Course #: 509105****10-12****Prerequisite:****None****Credit for Graduation****WORLD LANGUAGE****A-G Approval/Subject Area:****YES/E****NCAA Approved:****YES**

American Sign Language I is a year-long course focusing on the lexicon, grammar, syntax, and both manual and non-manual production strategies of American Sign Language (ASL). The course stresses knowledge and understanding of Deaf culture. The course also addresses pre-employment skills and test-taking techniques.

**AMERICAN SIGN LANGUAGE II / III****Course #: 509205/509305****10-12****Prerequisite:****C or better in prior American Sign Language course****Credit for Graduation****WORLD LANGUAGE****A-G Approval/Subject Area:****YES/E****NCAA Approved:****YES**

American Sign Language II and III are courses focusing on the continued acquisition of skills in ASL vocabulary, syntax, and both manual and non-manual production skills. The course stresses knowledge and understanding of the Deaf culture. These courses also address pre-employment skills and test-taking techniques.

\*\*\*\* F - VISUAL & PERFORMING ARTS \*\*\*\*

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Students are required to take a minimum of one year of a visual and performing arts class for graduation and UC/CSU admission.

## **ART I**

**Course #: 609101**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

Art I students will study the elements of art and principles of design while exploring media such as graphite, pen and ink, tempera, acrylic, watercolors, printmaking, paper collage and scratch art. This one-year course fulfills the A-G Visual Arts requirement. This course is also a prerequisite to AP Drawing and the student is expected to participate both in class and through an online platform.

## **ART II**

**Course #: 609201**

**10-12**

**Prerequisite:**

**C in Art I or Teacher Consent**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

In Art II, students will continue to enrich their body of work in the various media and techniques that are key to the development of an AP Drawing Portfolio. Projects are geared towards the Selected Works portion of this portfolio and such students will develop the visual problem-solving skills necessary to transition into AP Drawing.

## **CERAMICS**

**Course #: 609103**

**10-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

Ceramics I introduces students to the medium of clay. Throughout the year students will learn a comprehensive approach to ceramics. First semester concentrates on creating both handmade and wheel thrown projects and the second semester incorporates more sculptural projects that include figures, animals, whistles, and more. Ceramics I is the prerequisite for AP 3-D Design.

## **PHOTOGRAPHY**

**Course #: 609205**

**10-12**

**Prerequisite:**

**None**

**Credit For Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

This course offers students an exploration of the art of photography. Through a series of diverse projects, students will learn how to capture images with the use of DSLR cameras, cell phones and other various technologies. Then, with the use of Adobe Photoshop software, students will transform those images into works of art which adhere to the Elements of Art and Principles of Design. This is a creative course that strongly focuses on editing and design.

## **3D DESIGN & SCULPTURE**

**Course #: 609401**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

This course is for the High School Visual Arts Curriculum. 3-D Design & Sculpture provides an overview and introduction to fine crafts, their media, and the cultures they represent. With an emphasis on studio production, this course is designed to develop higher-level thinking, art related technology skill, art criticism, art history, and aesthetics. Create expressive 3-D designs using the art elements and principles of design which include line, shape, texture, form, contrast, and unity. The student is expected to participate both in class and through an assigned online platform.

## **AP STUDIO ART - DRAWING**

**Course #: 609507**

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**11-12**

**Art I and/or Art II or Teacher Consent**

**VISUAL ARTS**

**YES/F**

The AP Drawing class is for the academically driven and highly motivated student. Students will address two components in their portfolios: Sustained Investigation and Selected Works. Students must complete a total of 15 elaborate artworks that will become the basis of their portfolio. Also, the student will learn basic writing and critiquing skills that will enable them to successfully analyze artwork.

### **AP STUDIO ART – 2-DIMENSIONAL**

**Course #: 609503**

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**11-12**

**Photo or Teacher Consent**

**VISUAL ARTS**

**YES/F**

This class provides an advanced photography experience where students will shoot and edit 24-29 photos towards a portfolio that will allow them to pass the AP 2-D Design College Board review. Students taking this course should have completed at least 1 year of Photography or Art 2 (or instructor permission) where they should have learned basic compositional and editing skills, as well as have been exposed to current art trends through a series of photo shoots and assignments. In this course, the student will learn and demonstrate advanced compositional techniques that will enable him/her to shoot a well-framed photo. The AP student will also learn advanced image editing techniques that provide impact and enhanced meaning to their work. The AP student will also learn printing and organizational skills as they prepare their work for portfolio submission. Students will also further their presentation skills as he/she learns how to mat and mount their work professionally. This program is highly individualized as well as demanding; thus, the student will be responsible for concept and portfolio development. Ideas and techniques will be introduced and demonstrated in class by the teacher, but the individual student will make decisions on use of different techniques, compositions, photographs, and themes. This class is student driven and requires the student to be intrinsically motivated.

### **AP STUDIO ART – 3-DIMENSIONAL**

**Course #: 609507**

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**11-12**

**Ceramics or Teacher Consent**

**VISUAL ARTS**

**YES/F**

AP 3D Design is the second year of Ceramics. This course gives students the opportunity to create a portfolio of art throughout the year. The class offers advanced techniques and processes while preparing artwork for the AP Exam. Students will be required to create a portfolio of art in the following categories: Sustained Investigation and Selected words. Students will also engage in group and individual critiques. Students will learn how to analyze and write about their artwork along with learning to document it. Artwork portfolios will be submitted to AP and are considered the AP exam. AP students will have many opportunities to submit artwork to a variety of local art exhibitions and scholarships as well as apply to the National Art Honor Society Club at ECHS.

### **FINE WOODWORKING I & II – CTE (1<sup>st</sup> & 2<sup>nd</sup> courses in Cabinetry, Millwork, and Woodworking Pathway)**

**Course #: 609131/609231**

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**11-12**

**None**

**VISUAL ARTS**

**YES/F**

Fine Woodworking is a two-year course and is part of a sequence of courses in the Cabinetry, Millwork, and Woodworking pathway. The purpose of this course is to provide students with experiences in the elements of art and principles of design using wood as the primary artistic vehicle. This is a pathway course and must follow the sequence.

### **GRAPHIC DESIGN – CTE (1<sup>st</sup> course in the Design, Visual and Media Arts Pathway)**

**Course #: 609305**

**Prerequisite:**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**9 -12**

**None**

**VISUAL ARTS**

**YES/F**

**Articulated with:****MiraCosta College (MAT 110)**

This artistic expression course allows students to develop portfolio pieces required for entry into college level art and design programs. Five major areas of graphic communications are covered: Graphic Design, Desktop Publishing, Publication Layout, Printing, and Multimedia/Internet. Interspersed within these five major areas will be instruction on art fundamentals, design principles, creative expression, aesthetic valuing, hand drawing skills, graphic design history, college entry, and portfolio construction. The students will use industry standard image editing and page layout software to produce products such as posters, business cards, greeting cards, newspaper ads, brochures, CD covers, and logo design. Students will demonstrate, through hands-on class assignments, an understanding of visual communication and effective graphic design and will present projects in a class setting and participate in oral critiques of class assignments. This is a pathway course and must follow the sequence.

**WEB DESIGN – CTE (2nd course in Design, Visual and Media Arts Pathway)****Prerequisite:****Graphic Design****Credit for Graduation:****VISUAL ARTS****A-G Approval/Subject Area:****YES/F****Articulated with:****MiraCosta College (MAT 125)**

Building on the skills the student acquires in the first class in this pathway (graphic design), this class explores the historical and rapidly-changing trends in the field of designing for the web. Through guided design projects, students develop problem-solving and critical thinking, artistic perception, peer critique, and self-reflection. The students will learn how design impacts human experience and how to use the principles of design they learned in graphic design to enhance how visitors view and interact with their internet-based applications. The course covers the basics of HTML, how to stylize web applications with CSS, and the basics of JavaScript. The project-based learning format will lead the students to create and participate in a student business where they can seek out small businesses in the community and help them market and create both a print and web-based presence. This is a pathway course and must follow the sequence.

**TELEVISION, FILM and DIGITAL MEDIA – CTE (1<sup>st</sup> course in Production and Managerial Arts pathway)**[\*\*APPLY HERE\*\*](#)**Course #: 659411****10-11****Prerequisite:****Teacher Consent****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****YES/F****Articulated with:****Palomar College 10-11 (RTV 120)**

Students will be introduced to the realistic, classic, and formalistic traditions of filmmaking and the techniques used by filmmakers. Students will be able to critique professional and peer work while using appropriate film and video vocabulary. Students will also learn basic operational skills for the video camera and editing system so that they can demonstrate their understanding of film techniques while creating video projects. Instruction will cover production of programming, listening and speaking skills, script writing and critical thinking. This is a pathway course and must follow the sequence.

**BROADCAST JOURNALISM-CTE (2<sup>nd</sup> course in Production and Managerial Arts pathway)****Course #: 659423/659424****11-12****Prerequisite:****TV/Film and Digital Media****Credit for Graduation:****VISUAL ARTS****A-G Approval/Subject Area:****YES/F**

Broadcast Journalism is a rigorous journalism program with a focus on writing and reporting as students produce content for a bi-monthly news program utilizing state-of-the-art technology. It is a journalism-based class that builds upon writing and reporting skills, as well as the advanced production techniques required to produce a compelling news program. Additionally, the class focuses on the analysis and practice of newsgathering along with the production and presentation of theoretical, philosophical, artistic, and historical perspectives. Broadcast Journalism is a Career Technical Education (CTE) course which integrates Visual and Performing Arts and CTE standards for the Digital and Media Arts Pathway. Students will also develop an understanding of the digital media industry and the influence of video on global communications, on culture, and the role it plays in social behaviors. The course will reinforce the importance of effective writing skills, communication skills, time management skills, interpersonal skills, and problem-solving abilities while working with state-of-the-art technology. This is a pathway course and must follow the sequence.

**CONCERT BAND****Course #: 649101****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:**

This course presents music literature and performance opportunities, which will provide for the music development of the individual student.

**9-12****Teacher Consent****PERFORMING ARTS****YES/F****WIND ENSEMBLE****Course #: 649201****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:**

This course will present appropriate music literature and performance opportunities for advanced high school wind and percussion instrumentalists.

**9-12****Teacher Consent****PERFORMING ARTS****YES/F****STRING ORCHESTRA****Course #: 649103****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:**

This course provides advanced instrument training and performance opportunities for students of viola, violin, cello, or string bass.

**9-12****Teacher Consent****PERFORMING ARTS****YES/F****ADVANCED STRING ORCHESTRA****Course #: 649203****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:****Teacher Consent PERFORMING ARTSa**

This course provides advanced instrument training and performance opportunities for students of viola, violin, cello, or string bass.

**9-12****Teacher Consent****PERFORMING ARTS****YES/F****A-G Approval/Subject Area: YES/F****MARCHING BAND****Course #: 979405****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:**

The primary purpose of this course is to train the members of the Marching Band in the areas of dance, marching and maneuvering, and pageantry. The development of leadership and teamwork will be stressed. Students will participate and perform in scheduled marching band activities. Students will also participate and perform in selected competitions and activities outside the band program. Students will help promote spirit by participating in activities sponsored by the Associated Student Body. First semester only.

**9-12****Teacher Consent****ELECTIVE****NO****JAZZ BAND****Course #: 649211****Prerequisite:****Credit for Graduation:****A-G Approval/Subject Area:**

This course will teach the basics of jazz playing. Elements of study will include improvisation, style, and large and small ensemble playing. The Jazz Ensemble is a competitive ensemble that performs at Jazz Festivals. Performances outside of the class are required to meet the University of California "F" requirement. Students are required to participate in all performances and festivals/competitions.

**9-12****Teacher Consent****PERFORMING ARTS****YES/F****PERCUSSION ENSEMBLE****Course #: 649212****Prerequisite:****Credit for Graduation:****9-12****Teacher Consent****PERFORMING ARTS**

**A-G Approval/Subject Area:****YES/F**

Students will present, read and study appropriate music literature for high school Percussion Instrumentalists. The Percussion Ensemble is a competitive ensemble that performs at Drum Line Competitions. Performances outside of the class are required to meet the University of California "F" requirement. Students are required to participate in all performances and festivals/competitions. Second semester only.

**PAGEANTRY****Course #: 649011****9-12****Prerequisite:****Audition and Teacher Consent****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****NO**

This course provides training for auxiliary groups of the marching band in various styles of pageantry performance.

**CHORUS****Course #: 649105****9-12****Prerequisite:****None****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****YES/F**

Chorus performs beginning level literature from various selected eras of musical histories. Provides basic training in the techniques of rehearsal and performance for group singing. This class is a prerequisite for Concert Choir, Chamber Singers and Show Choir. Performances scheduled by the director outside of the school day will be required. This course may be repeated for additional credit.

**CHAMBER SINGERS****Course #: 649305****9-12****Prerequisite:****Audition and Teacher Consent****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****YES/F**

This course provides advanced vocal and performance techniques training. Students will be encouraged to improvise and demonstrate their musical understanding about literature studied in class. This vocal group is designed for the very serious singer. The literature performed by this ensemble is difficult and challenging and will require extra rehearsal time outside the normal school hours. Choral literature of different principle historic epochs will be studied.

**SHOW CHOIR****Course #: 649001****9-12****Prerequisite:****Audition and Teacher Consent****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****YES/F**

Stresses popular styles in singing and dance and will prepare students for show choir performances and competitions. Physical conditioning, coordination, and aptitude for the dance are essential elements of the class. Choreography, basic terminology, historical and cultural dimensions, as well as vocal and dance performance and analysis will be introduced. Performances outside of the school day will be required. This course may be repeated for additional credit.

**HISTORY OF ROCK AND ROLL****Course #: 659111****9-12****Prerequisite:****None****Credit for Graduation:****PERFORMING ARTS****A-G Approval/Subject Area:****YES/F**

This course focuses on the development of rock and roll music throughout the twentieth century. Students will gain an understanding of basic music theory as it pertains to rock and roll. Special attention will be given to the manner in which sociological, political and economic conditions affected the evolution of this style of music. This course will also focus on how this genre of music impacted historical events, in turn, to create the unique American culture we all live in today.

**MUSICAL THEATRE**

**Course #:** 659302  
**Prerequisite:** None  
**Credit for Graduation:** PERFORMING ARTS  
**A-G Approval/Subject Area:** YES/F

This course is designed to increase student participation, appreciation, and ability in the field of musical theatre with an emphasis on musical theatre style dance, acting and singing. Physical conditioning, coordination, basic terminology, historical and cultural dimensions as well as dance and performance analysis will be covered. The purpose of this course is to take each student's prior knowledge and ability in acting, singing, and dancing, and then combine them into a well-rounded musical theatre performer and critical observer of musical theatre. Students will also increase their knowledge of musical theatre history and current trends in the field. Opportunities will be given to experience movement, be creative, learn different genres of dance in musical theatre all while increasing their endurance and their physical fitness skill.

### **DRAMA I (INTRODUCTION TO THEATRE ARTS)**

**Course #:** 659101  
**Prerequisite:** None  
**Credit for Graduation:** PERFORMING ARTS  
**A-G Approval/Subject Area:** YES/F

This course is designed to introduce the art of the actor through performance. Each student will develop an appreciation for the aesthetics of the dramatic arts, the criteria of an effective performance, and awareness of the historical influences and contributions of the theater. Through reading of the textbook and scripts; writing reflections and critiques; design, acting, and lecture, students will have a beginning understanding of the theater world and the performing arts as a profession.

### **DRAMA II (ADVANCED DRAMA)**

**Course #:** 659201  
**Prerequisite:** Drama I or teacher consent  
**Credit for Graduation:** PERFORMING ARTS  
**A-G Approval/Subject Area:** YES/F

This course is designed to provide the student with the opportunity to develop acting and directing skills and concepts introduced in Introduction to Theater Arts. Through reading of the textbook and scripts; writing reflections and critiques; design, acting, and lecture, students will have an increased understanding of the theater world and the performing arts as a profession. This class will focus predominantly on the acting and directing aspects of the theatrical world.

### **DANCE II [APPLY HERE](#)**

**Course #:** 649214  
**Prerequisite:** Audition or teacher consent  
**Credit for Graduation:** PERFORMING ARTS  
**A-G Approval/Subject Area:** YES/F

Dance II will offer the intermediate dance student a more in depth study of the following dance forms: jazz, modern, ballet, multicultural, musical theater, hip-hop, lyrical, and contemporary. A greater emphasis will be placed on technique and skills. Combinations will be more challenging than in the Dance I course with required participation in activities outside the class period. Students will have many opportunities to choreograph and perform a wide variety of dances and different dance styles for a wide variety of audiences. Students will also understand the historical and cultural contribution of dance. All students will be involved with the production of the annual dance shows. NOTE: All students will be required to participate in the annual dance shows and other performances outside the school day. NOTE: Students in grades 11-12 may receive Performing Arts credit after 20 credits of PE have been completed.

### **DANCE III [APPLY HERE](#)**

**Course #:** 649314  
**Prerequisite:** Audition or teacher consent  
**Credit for Graduation:** PERFORMING ARTS  
**A-G Approval/Subject Area:** YES/F

This course will offer the advanced dance student a more in depth study of the following dance forms: jazz, modern, ballet, multicultural, music theater, hip-hop, and contemporary. A strong emphasis will be placed on dance performances and students will have many opportunities for performing both at school and in outside

performances. Students will be required to participate in activities outside of the class period. Dance III material will be presented in a logical, sequential format so that students will be able to acquire effective, psychomotor, aesthetic, and cognitive knowledge about dance as an art. Students will choreograph dances for specific audiences and be thoroughly involved in the production of a large-scale dance show near the end of the course. NOTE: Students will choreograph dances for specific audiences and be thoroughly involved in the production of a large-scale dance show near the end of the course. All students will be required to participate in performances scheduled outside the school day.NOTE: Students in grades 11-12 may receive Performing Arts credit after 20 credits of PE have been completed.

## AP African American Studies

**Course #:** 709515

**11-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**A-G Approval/Subject Area:**

**YES/G**

**NCAA Approved:**

**YES**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

## AVID 9-12 [APPLY HERE](#)

**Course #:** 989118 / 989218 / 989318 / 989418

**9-12**

**Prerequisite:**

**Application/Interview**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**G**

Advancement Via Individual Determination (AVID) is a four-year academic sequence that prepares students for college readiness and success, and it is scheduled during the regular school day as a yearlong course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test taking, note taking, and research techniques. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

## PUBLICATIONS [APPLY HERE](#)

**Course #:** 809005

**10-12**

**Prerequisite:**

**Teacher Consent**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**Yes/G**

This course is designed to introduce students to the skills needed in production of the school yearbook, such as copyright, photography layout and design, magazine publishing and advertising.

## PSYCHOLOGY

**Course #:** 109411

**10-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**Yes/G**

**NCAA Approved:**

**YES**

This course covers a description of psychology, personality, description, causes, and treatment of abnormal personality traits, intelligence and learning theories, addictive behavior and youth in society.

## AP PSYCHOLOGY

**Course #:** 809005

**11-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**Yes/G**

**NCAA Approved:**

**YES**

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

### **AP SEMINAR**

**Course #: 709511**

**10-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**YES/G**

**NCAA Approved:**

**NO**

AP Seminar is the first course in the AP Capstone Program. It is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. \*\*This is a great introductory course to the AP program for students who are curious about moving forward with additional AP courses. It will provide essential skills that will prepare them for future AP classes.

### **AP RESEARCH**

**Course #: 709513**

**11-12**

**Prerequisite:**

**AP Seminar**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**Yes/G**

**NCAA Approved:**

**NO**

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

### **JROTC 10, 11, AND 12**

**Course #: 809207, 809307, 809056**

**9-12**

**Prerequisite:**

**MCJROTC**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**G**

The MCJROTC program is designed to instill in students the value of Leadership, citizenship, personal responsibility, and a sense of accomplishment. In this course, students will become familiar with different ways of exercising leadership, their strengths and weaknesses, and how they can best work with others in a leadership context. They will learn and apply leadership skills in a hands-on practical way that encourages them to challenge their own beliefs and assumptions about what constitutes Leadership. JROTC competition teams include Drill Team, Color Guard, Raiders (physical fitness challenges), and JLAB (academic bowl) teams. Cadets will also learn personal finance, college and career exploration, have volunteer opportunities and tangible life skills that apply to all careers post-graduation.

CTE programs prepare all students to enter today's competitive workforce. CTE courses support California Common Core State Standards and CTE Model Curriculum Standards, providing students with access to career pathways, student internships, career exploration activities, leadership skills, and college planning tools. CTE students take industry-relevant classes connecting academics to real-world technical training. Courses must be taken in appropriate sequence. See chart below.

<b>CTE Industry Sector: Biotechnology</b>		
<b>CTE Career Pathway: Biotechnology</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
BioTech	X	
BioTech 2		X
<b>CTE Industry Sector: Information &amp; Communication Technologies</b>		
<b>CTE Career Pathway: Software Systems Development</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
AP Computer Science Principles	X	
AP Computer Science A		X
<b>CTE Industry Sector: Arts, Media and Entertainment</b>		
<b>CTE Career Pathway: Design, Visual and Media Arts</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
Graphic Design	X	
Web Design		X
<b>CTE Industry Sector: Arts, Media and Entertainment</b>		
<b>CTE Career Pathway: Production and Managerial Arts</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
TV/Video Production	X	
Broadcast Journalism		X
<b>CTE Industry Sector: Transportation</b>		
<b>CTE Career Pathway: Systems, Diagnostics, Service and Repair</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
Auto I	X	
Auto II: Brakes, Steering and Suspension		X
<b>CTE Industry Sector: Transportation</b>		
<b>CTE Career Pathway: Systems, Diagnostics, Service and Repair</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
Basic Auto/Automotive Engine Repair	X	
Adv Auto/Engine Repair & Electronics		X
<b>CTE Industry Sector: Building Trades and Construction</b>		
<b>CTE Career Pathway: Building Trades and Construction</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
Woodworking I	X	
Woodworking II		X

<b>CTE Industry Sector: Cybersecurity</b>		
<b>CTE Career Pathway: Cybersecurity</b>		
<b>Course Name</b>	<b>Concentrator Class</b>	<b>Capstone Class</b>
Cybersecurity 1	X	
Cybersecurity 2		X

### **BIOTECHNOLOGY CTE 1**

**Course #: 709040**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**LIFE SCIENCE**

**A-G Approval/Subject Area:**

**YES/D**

**NCAA Approved:**

**YES**

In this yearlong course, the science of biology is explored with a special emphasis on how biology is applied in the field of biotechnology. Throughout the course, recurring activities emphasize laboratory procedures and safety, inquiry-based lab protocols, methods for gathering and analyzing data, and applying what is learned to real world situations. Students will read and write in the discipline to research, document and communicate their findings and propose further research. The specific skill sets required for work in biotechnology-related fields are emphasized.

### **BIOTECHNOLOGY CTE 2**

**Course #: 709042**

**9-12**

**Prerequisite:**

**C or higher in Biotechnology CTE 1 and Chemistry or**

**Physics**

**Credit for Graduation:**

**LIFE SCIENCE**

**A-G Approval/Subject Area:**

**YES/D**

**NCAA Approved:**

**YES**

This one-year course for 11th and/or 12th graders will build upon the content and skills acquired in Biotechnology. This course will explore the intermediate to advanced knowledge and skills needed to study, isolate and produce proteins and DNA. Students will also use genetic engineering techniques to modify a model organism. The majority of the knowledge will be demonstrated through lab procedures recorded in a Legal Scientific Lab Notebook. Students will explore and evaluate career opportunities in the field of biotechnology by way of guest speakers, site visits to biotechnology companies and facilities, and researching career opportunities in related fields. Students will also investigate opportunities for post-secondary education and employment in order to gain a broad awareness of both scientific and non-scientific career paths within the biotechnology industry. The ultimate course goal is for students to develop their ability as collaborative and creative problem solvers.

### **FINE WOODWORKING I AND II – CTE (1<sup>st</sup> and 2<sup>nd</sup> courses in Cabinetry, Millwork, and Woodworking Pathway)**

**Course #: 609131/609231**

**9-12**

**Prerequisite:**

**None**

**Credit for Graduation:**

**PRACTICAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

Fine Woodworking is a two-year course and is part of a sequence of courses in the Cabinetry, Millwork, and Woodworking pathway. The purpose of this course is to provide students with experiences in the elements of art and principles of design using wood as the primary artistic vehicle.

### **GRAPHIC DESIGN – CTE (1<sup>st</sup> course in the Design, Visual and Media Arts Pathway)**

**Course #: 609305**

**9-11**

**Prerequisite:**

**None**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

This artistic expression course allows students to develop portfolio pieces required for entry into college level art and design programs. Five major areas of graphic communications are covered: Graphic Design, Desktop Publishing, Publication Layout, Printing, and Multimedia/Internet. Interspersed within these five major areas will be instruction on art fundamentals, design principles, creative expression, aesthetic valuing, hand drawing

skills, graphic design history, college entry, and portfolio construction. The students will use industry standard image editing and page layout software to produce products such as posters, business cards, greeting cards, newspaper ads, brochures, CD covers, and logo design. Students will demonstrate, through hands-on class assignments, an understanding of visual communication and effective graphic design and will present projects in a class setting and participate in oral critiques of class assignments. This is a pathway course and must follow the sequence.

### **WEB DESIGN – CTE (2nd course in Design, Visual and Media Arts Pathway)**

**Course#: 609415**

**10-12**

**Prerequisite:**

**Intro to Graphic Design**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

Through a relevant context of Arts, Media and Entertainment, Web Design explores the historical and rapidly changing trends in the field of design for the web. Through design projects, students develop problem-solving and critical thinking skills, artistic perception, critique and self-reflection. With the awareness of design solutions throughout history, students will understand the impact of the arts and design on human experience. Students will learn methods and theory such as elements and principles of design, to enhance their own artistic vision and style. Design critiques and presentations will provide opportunities for students to become and grow as design artists. All experiences will be project-based and will focus on developing perception and the application of the elements of art and principle of design through contemporary design applications and web design.

### **AUTO I – CTE (1<sup>st</sup> course in System Diagnostics, Service and Repair Pathway I)**

**Course #: 709101**

**9-11**

**Prerequisite:**

**None**

**Credit for Graduation:**

**PRACTICAL ARTS**

**A-G Approval/Subject Area:**

**NO**

Beginning Auto is designed to cover the basic theory of all automotive and light truck systems. This class deals with the entire car and aims to teach theory of vehicle systems at an introductory student level, followed by service, diagnosis, and light repairs at a more advanced student level.

### **AUTO II / Engine Repair and Electronics – CTE (2<sup>nd</sup> course in Systems, Diagnostics, Service and Repair Pathway I) Course #: 709231**

**10-12**

**Prerequisite:**

**Engine Repair/Basic Electronics**

**Credit for Graduation:**

**PRACTICAL ARTS**

**A-G Approval/Subject Area:**

**NO**

This course provides entry-level and advanced training in motor vehicles and outdoor power equipment. Employment possibilities include automotive technician specializing in ignition, electrical, fuel and emission systems: self-employment, independent or dealership technician. The curriculum is based on the requirements specified by the Automotive Technicians Education Foundation (NATEF) certification standards. Instruction covers the following areas: safety; general engine operation and diagnosis; engine related services; charging system diagnosis and repair; ignition system diagnosis and repair; computerized engine controls diagnosis and repair; emissions control systems diagnosis and repair; Bureau of Automotive Repair (BAR) rules and regulations. Students use equipment that includes hand tools, power tools and measuring equipment. \*\*1 semester Engine Repair and 1 semester Electronics\*\*

### **BASIC AUTO/Automotive Engine Repair – CTE (1<sup>st</sup> course in System Diagnostics, Service and Repair Pathway II)**

**Course #: 709141**

**9-11**

**Prerequisite:**

**None**

**Credit for Graduation:**

**PRACTICAL ARTS**

**A-G Approval/Subject Area:**

**NO**

Automotive Maintenance and Light Repair is primarily an exploratory course designed to teach the basic parts and operation of automotive and small engines. Students learn the theory of how engines perform these operations. Successful completion of this course is required for advanced courses in the automotive studies program. Automotive Maintenance and Light Repair is instrumental to students entering the automotive industry as a career. Through completion of this course, students are prepared to enter the advanced auto courses through completion of the course standards, which will lead to career opportunities within the industry.

**ADV AUTO/Suspension, Steering, and Brakes – CTE (2<sup>nd</sup> course in Systems Diag., Service and Repair Pathway II) Course #: 709241**

**10-12**

**Prerequisite:**

**Basic Auto**

**Credit for Graduation:**

**PRACTICAL ARTS**

**A-G Approval/Subject Area:**

**NO**

This course provides training in automotive suspension, steering and brake service. Employment possibilities include tire service technician, installer and technician specializing in brake service. The curriculum is based on the requirements specified by Automotive Service Excellence (ASE) certification standards. Instruction covers the following areas; safety, wheel and tire diagnosis and repair, brake hydraulic systems, drum brakes, disc brakes, power assist brake units, anti-lock brake systems, Bureau of Automotive Repair (BAR) rules and regulations, and miscellaneous service. Students use equipment, which includes hand tools and lifting equipment. \*\*1 semester Brakes and 1 semester Steering\*\*

**TELEVISION, FILM and DIGITAL MEDIA – CTE (1<sup>st</sup> course in Production and Managerial Arts pathway)**

**Course #: 659411**

**10-11**

**Prerequisite:**

**Teacher Consent**

**Credit for Graduation:**

**PERFORMING ARTS**

**A-G Approval/Subject Area:**

**YES/F**

**Articulated with Palomar College**

**(RTV 120)**

Students will be introduced to the realistic, classic, and formalistic traditions of filmmaking and the techniques used by filmmakers. Students will be able to critique professional and peer work while using appropriate film and video vocabulary. Students will also learn basic operational skills for the video camera and editing system so that they can demonstrate their understanding of film techniques while creating video projects. Instruction will cover production of programming, listening and speaking skills, script writing and critical thinking.

**BROADCAST JOURNALISM - CTE (2<sup>nd</sup> course in Production and Managerial Arts pathway)**

**Course #: 659423**

**10-12**

**Prerequisite:**

**TV/Film and Digital Media**

**Credit for Graduation:**

**VISUAL ARTS**

**A-G Approval/Subject Area:**

**YES/F**

Broadcast Journalism is a rigorous journalism program with a focus on writing and reporting as students produce content for a bi-monthly news program utilizing state-of-the-art technology. It is a journalism-based class that builds upon writing and reporting skills, as well as the advanced production techniques required to produce a compelling news program. Additionally, the class focuses on the analysis and practice of newsgathering along with the production and presentation of theoretical, philosophical, artistic, and historical perspectives. Broadcast Journalism is a Career Technical Education (CTE) course which integrates Visual and Performing Arts and CTE standards for the Digital and Media Arts Pathway. Students will also develop an understanding of the digital media industry and the influence of video on global communications, on culture, and the role it plays in social behaviors. The course will reinforce the importance of effective writing skills, communication skills, time management skills, interpersonal skills, and problem-solving abilities while working with state-of-the-art technology.

**AP COMPUTER SCIENCE PRINCIPLES - CTE (1<sup>st</sup> course in Software and Systems Development pathway)**

**Course #: 709503**

**10-11**

**Prerequisite:**

**Successful completion of Math I and II**

**Credit for Graduation:**

**College Prep Elective**

**A-G Approval/Subject Area:**

**YES/D or G**

AP Computer Science Principles (APCP) is intended to be equivalent to a first semester introductory college computing course. APCP offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden enrollment in computer science (AP Computer Science Principles Course and Exam Description.)

**AP COMPUTER SCIENCE A (2<sup>nd</sup> course in Software and Systems Development pathway)****Course #: 709501****10-12****Prerequisite:****None****Credit for Graduation:****College Prep Elective****A-G Approval/Subject Area:****YES/C or G**

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

**CYBERSECURITY 1****Course #: 709181****9-10****Prerequisite:****None****Credit for Graduation:****College Prep Elective****A-G Approval/Subject Area:****YES/C or G**

This is the first course in the Paradigm ECHS Cyber Program. Students do not need previous experience in cybersecurity or computer science. Students will learn about cyber ethics, fundamentals of computing, networking, cryptology, Linux, system administration, cybersecurity threats, risk identification, and much more. Students can expect an engaging learning environment with simulations and authentic cybersecurity applications during class and are expected to participate in cybersecurity competitions throughout the year.

**CYBERSECURITY 2****Course #: 709281****11-12****Prerequisite:****None****Credit for Graduation:****College Prep Elective****A-G Approval/Subject Area:****YES/C or G**

This is the second Paradigm ECHS Cyber program. Cybersecurity 2 is heavily aligned with the CompTia Security+ Certification with the goal of students earning their Security+ certification before graduation. Students can expect opportunities for real-world learning through labs, access to cyber ranges, industry mentors, job shadowing and presentations by cyber experts. Students will deepen their understanding of cybersecurity through participation in national cybersecurity competitions. Cybersecurity 2 also includes dual enrollment opportunities.

## JROTC

**Course #:** 809007 **9-12**  
**Prerequisite:** None  
**Credit for Graduation:** ELECTIVE  
**A-G Approval/Subject Area:** NO

The purpose of the MCJROTC training is to present classes and activities to the cadet that should develop the personal qualities and leadership skills so that each cadet will exercise good citizenship, leadership judgment, and acquire basic military knowledge. Students will participate in a variety of classes such as drill, history, custom & courtesies, first aid, leadership, physical fitness, and financial management.

## JROTC DRILL

**Course #:** 979001 **9-12**  
**Prerequisite:** Physically Fit  
**Credit for Graduation:** ELECTIVE  
**A-G Approval/Subject Area:** NO

For those cadets who desire to participate in extracurricular activities, the Marine Corps JROTC offers competition activities involving drill team, color guard, and Raider. These teams meet daily for practice and compete against other schools around Southern California. Physical conditioning and personal fitness are stressed.

## ASB (ASSOCIATED STUDENT GOVERNMENT) [APPLY HERE](#)

**Course #:** 809001 **9-12**  
**Prerequisite:** Elected Office or Teacher Consent  
**Credit for Graduation:** ELECTIVE  
**A-G Approval/Subject Area:** NO

This course provides an opportunity for leadership development as students learn to initiate, plan and execute activities for the betterment of the students and staff of El Camino High School.

## WORK EXPERIENCE

**Course #:** 809009 **11-12**  
**Prerequisite:** Employment and Teacher Consent; Minimum age 16  
**Credit for Graduation:** ELECTIVE  
**A-G Approval/Subject Area:** NO

This student will complete eighteen (18) class periods of career planning and employment related instruction, course assignments, and each week turn in a pay stub that verifies ten hours of paid work experience in order to meet the requirements of this course. Failure to meet the district attendance requirements will result in failure in this course.

## PAL (Peer Assistance Leadership) [APPLY HERE](#)

**Course #:** 809039 **10-12**  
**Prerequisite:** Application Required  
**Credit for Graduation:** ELECTIVE  
**A-G Approval/Subject Area:** NO

The PAL program is an elective class that involves students helping students. The program encourages PAL students and their peers to make healthy life decisions and provides opportunities to create a supportive and safe school environment. PAL works to build resiliency and assets through youth leadership, mentoring, conflict resolution, peer helping, service learning, and prevention activities.

**\*\*\*\* ENGLISH LANGUAGE DEVELOPMENT \*\*\*\***

**(For Limited English Speakers Only)**

**ENGLISH LANGUAGE DEVELOPMENT I**

**Course #: 989101**

**9-12**

**Prerequisite:**

**Teacher Consent**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**NO**

This course is designed to provide students new to English with an introduction to all domains of English proficiency (Listening and Speaking, Reading, and Writing), with a focus on oral fluency. Teachers will use specific instructional strategies designed to develop the language skills of students at the beginning proficiency level.

**ENGLISH LANGUAGE DEVELOPMENT II**

**Course #: 989201**

**9-12**

**Prerequisite:**

**90% completion of ELD I**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**NO**

This course is for students at the Early Intermediate oral proficiency level. Students receive instruction in all domains of English proficiency (Listening and Speaking, Reading, and Writing), with a focus on beginning reading and writing. Instruction in reading and writing will be provided at the student's proficiency level, using the California English Language Development (ELD) standards as a guide.

**ENGLISH LANGUAGE DEVELOPMENT III**

**Course #: 989301**

**9-12**

**Prerequisite:**

**90% completion of ELD II**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**NO**

This course is for students at the Intermediate proficiency level in Reading and Writing according to the California English Language Development (ELD) standards. Students receive instruction in all domains of English proficiency (Listening and Speaking, Reading, and Writing), with a focus on reading and writing. Instruction in reading and writing will be provided at the student's proficiency level, using the California English Language Development (ELD) standards as a guide.

**ACADEMIC LANGUAGE & WRITING**

**Course #: 989413/989405/989407**

**10-12**

**Prerequisite:**

**90% completion of ELD III**

**Credit for Graduation:**

**ELECTIVE**

**A-G Approval/Subject Area:**

**NO**

This course was designed for intermediate and advanced English language learners. English academic language learners are expected to read, analyze and interpret a variety of informational texts. Students learn how text structure, language features and vocabulary vary depending upon subject and audience. This class prepares the intermediate and advanced English language learner with verbal, literacy and writing skills necessary to recognize and master various tasks, purposes, audience and text types.

All students in grades 9-12 will participate in PE during the school day unless there is a medical exemption on file. Non-medical exemptions may be made pursuant to California Education Code 51222 if 1) students have completed 20 credits of PE including Applied Fitness Concepts; 2) student is in grade 11 or 12; and 3) student is 16 years of age.

### **APPLIED FITNESS CONCEPTS (AFC, previously known as P.E. 9A)**

**Course #: 979051** 9  
**Prerequisite:** None  
**Credit for Graduation:** PHYSICAL EDUCATION  
**A-G Approval/Subject Area:** NO

Through a variety of classroom instruction and physical activities, this course will emphasize the development of movement skills and knowledge of fitness, self-image, personal growth and social well-being.

**\*\*Required for graduation - must be completed in OUSD schools\*\***

### **BODY DYNAMICS**

**Course #: 979011** 10-12  
**Prerequisite:** AFC  
**Credit for Graduation:** PHYSICAL EDUCATION  
**A-G Approval/Subject Area:** NO

This dynamic course integrates elements of Pilates, yoga, weight training, dance, cardio games, sports, and CrossFit workouts to provide a comprehensive fitness experience tailored for high school students. Designed to improve strength, flexibility, and endurance, participants will engage in a variety of fun and challenging activities that cater to all fitness levels. Direct group instruction as well as partner and collaborative group collaboration activities.

### **WEIGHT TRAINING**

**Course #: 979201** 10-12  
**Prerequisite:** AFC  
**Credit for Graduation:** PHYSICAL EDUCATION  
**A-G Approval/Subject Area:** NO

This course is designed to introduce students to the fundamental activities and concepts related to resistance training and personal physical fitness. Students will have the opportunity to build muscular strength and improve body composition by learning and utilizing a variety of resistance training exercises and techniques. Students will also have the opportunity to participate in a variety of activities aimed at improving cardiovascular fitness, core strength, and muscular flexibility.

### **TEAM SPORTS**

**Course #: 979105** 10-12  
**Prerequisite:** AFC  
**Credit for Graduation:** PHYSICAL EDUCATION  
**A-G Approval/Subject Area:** NO

This course gives the student the opportunity to participate in a wide variety of physical activities and team sports. Physical conditioning and personal fitness are stressed.

### **BASEBALL PE (TEAM SPORTS)**

**Course #: 979127** 10-12  
**Prerequisite:** AFC  
**Credit for Graduation:** PHYSICAL EDUCATION  
**A-G Approval/Subject Area:** NO

This course gives the student the opportunity to participate in a wide variety of physical activities and team sports with a focus on baseball. Physical conditioning and personal fitness are stressed.

### **BASKETBALL PE (TEAM SPORTS)**

<b>Course #:</b> 979121	<b>10-12</b>
<b>Prerequisite:</b>	<b>AFC</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL EDUCATION</b>
<b>A-G Approval/Subject Area:</b>	<b>NO</b>

This is an activity course designed to teach fundamental skills in basketball. It will acquaint the student with the knowledge and skills necessary to understand the game of basketball while acquiring the physical fitness to participate. A basketball background is preferred; however a willingness to work and be coachable are mandatory.

### **FOOTBALL PE (TEAM SPORTS)**

<b>Course #:</b> 979123	<b>10-12</b>
<b>Prerequisite:</b>	<b>AFC</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL EDUCATION</b>
<b>A-G Approval/Subject Area:</b>	<b>NO</b>

This course is designed to develop teamwork, communication, and athletic skills through the fundamentals of football and structured weight training. Students will learn the technical and tactical aspects of football while building strength, endurance, and flexibility through speed and resistance training. Students will examine and implement the skills and tools necessary to study the game of football, analyze opponents' strategies, and identify and correct their mistakes, enabling them to enhance their performance, deepen their understanding of the game, and achieve success both individually and as a team. The course also emphasizes sportsmanship, leadership, and the importance of physical fitness in overall health. Throughout the year, the students will also learn and participate in other team sports allowing them to implement their athletic training across other sports.

### **RUNNING PE (TEAM SPORTS)**

<b>Course #:</b> 979125	<b>10-12</b>
<b>Prerequisite:</b>	<b>AFC</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL EDUCATION</b>
<b>A-G Approval/Subject Area:</b>	<b>NO</b>

This course gives the student the opportunity to participate in a wide variety of physical activities and team sports with a focus on running. Physical conditioning and personal fitness are stressed.

### **DANCE I**

<b>Course #:</b> 979111	<b>10-12</b>
<b>Prerequisite:</b>	<b>AFC</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL EDUCATION</b>
<b>A-G Approval/Subject Area:</b>	<b>NO</b>

This course is designed to provide opportunities for the beginning dance student to explore dance both as an art form and as a means for physical exercise. Jazz, modern, ballet, tap, musical theater and multicultural styles of dance will be introduced.

### **DANCE II [APPLY HERE](#)**

<b>Course #:</b> 979211	<b>10-12</b>
<b>Prerequisite:</b>	<b>Audition and Teacher Consent</b>
<b>Credit for Graduation:</b>	<b>PHYSICAL EDUCATION</b>
<b>A-G Approval/Subject Area:</b>	<b>YES/F</b>

This course is designed to provide opportunities for the intermediate dance student to study dance in depth both as an art form and as a means for physical exercise. Jazz, modern, ballet, tap, musical theater and

multicultural styles of dance will be studied. NOTE: All students will be required to participate in the annual dance shows and other performances outside the school day.

### **DANCE III [APPLY HERE](#)**

**Course #: 979311**

**9-12**

**Prerequisite:**

**Audition and Teacher Consent**

**Credit for Graduation:**

**PHYSICAL EDUCATION**

**A-G Approval/Subject Area:**

**YES/F**

This course is designed to provide opportunities for the advanced dance student to study jazz, modern, ballet, tap, musical theater and multicultural styles of dance. Emphasis will be placed on dance performance, and performance will be required outside of the school day. 9th graders admitted into this class will take AFC concurrently. NOTE: :Students will choreograph dances for specific audiences and be thoroughly involved in the production of a large-scale dance show near the end of the course. All students will be required to participate in performances scheduled outside the school day.

### **SKATE PE**

**Course #: 979203**

**10-12**

**Prerequisite:**

**P.E. 9A**

**Credit for Graduation:**

**PHYSICAL EDUCATION**

**A-G Approval/Subject Area:**

**NO**

This course will provide students with an opportunity to learn skate mechanics, skating safety, and proper etiquette in a public skatepark environment. Although applicable skill development will be the primary goal of this course, other areas such as movement skills, lifetime fitness and knowledge of body movement while skating, self -image, and personal and social growth will be promoted.

## California Colleges

California Colleges is a free college and career planning resource for all California educators, students and families. Students and their families can create free accounts by logging on to [California Colleges](https://www.californiacolleges.edu). Students will be able to match their interests and skills to postsecondary college and career opportunities. They can take career assessments and use search tools to develop college, major, and career lists.



College Searches and Information		
California Colleges	<a href="https://www.californiacolleges.edu">https://www.californiacolleges.edu</a>	Website for researching colleges and universities in California
College Board	<a href="https://www.collegeboard.org/">https://www.collegeboard.org/</a>	Register for SAT tests, do college searches, apply for financial aid
Cappex	<a href="https://www.cappex.com/">https://www.cappex.com/</a>	Search for an compare colleges, apply for scholarships
Peterson's Colleges and Universities	<a href="https://www.petersons.com/">https://www.petersons.com/</a>	Information on financial aid, comparing colleges, college entrance exams
Princeton Review	<a href="https://www.petersons.com/">https://www.petersons.com/</a>	Lots of information about SAT prep, college applications, college searches, etc.
US News World Report	<a href="https://www.usnews.com/best-colleges">https://www.usnews.com/best-colleges</a>	Great site for comparing prospective colleges
College Applications		
California State Universities	<a href="https://www.calstate.edu/apply">https://www.calstate.edu/apply</a>	Apply to CSU schools online
University of California	<a href="https://admission.universityofcalifornia.edu/">https://admission.universityofcalifornia.edu/</a>	Apply to UC schools online
UC Personal Insight Questions	<a href="https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/personal-insight-questions.html">https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/personal-insight-questions.html</a>	Get hints on how to write great personal insight questions to accompany your UC college application
Career Search and Job Training		
Career Onestop: Pathways to Career Success	<a href="https://www.careeronestop.org/Toolkit/ACINet.aspx">https://www.careeronestop.org/Toolkit/ACINet.aspx</a>	
Occupational Outlook Handbook	<a href="https://www.bls.gov/ooh/">https://www.bls.gov/ooh/</a>	
Volunteer Info	<a href="https://www.volunteermatch.org/">https://www.volunteermatch.org/</a>	
Independent Study		
Brigham Young University	<a href="https://is.byu.edu/">https://is.byu.edu/</a>	Take independent study courses via BYU
Financial Aid Information		
Fast Web	<a href="https://www.fastweb.com/">https://www.fastweb.com/</a>	Easy to use site for finding colleges and finding scholarships
Smart Guide to Financial Aid	<a href="https://finaid.org/">https://finaid.org/</a>	Scholarship search, financial aid calculator
Free Application for Federal Student Aid (FAFSA)	<a href="https://studentaid.gov/h/apply-for-aid/fafsa">https://studentaid.gov/h/apply-for-aid/fafsa</a>	Apply for federal financial aid online
Create an FSA ID	<a href="https://studentaid.gov/fsa-id/create-account/launch">https://studentaid.gov/fsa-id/create-account/launch</a>	Request your pin/FSA ID as your electronic signature on FAFSA and for accessing National Student Loan Data System

Merit Aid	<a href="https://www.cappex.com/scholarships">https://www.cappex.com/scholarships</a>	Directory of merit and academic scholarships across the country
<b>Athletics</b>		
NCAA	<a href="https://web3.ncaa.org/ecwr3/">https://web3.ncaa.org/ecwr3/</a>	Get information regarding NCAA eligibility; complete your Clearinghouse forms online
NAIA	<a href="https://www.naia.org/landing/index">https://www.naia.org/landing/index</a>	National Association of Intercollegiate Athletics
<b>Testing Sites</b>		
ACT Tests	<a href="https://www.act.org/">https://www.act.org/</a>	Register for ACT exams
SAT Reasoning and Subject Tests	<a href="https://www.collegeboard.org/">https://www.collegeboard.org/</a>	Register for the SAT tests. Code for CSU Mentor (all CSUs) is 3594.

## Playing Sports in College

If you have had a successful athletic career in high school and are hoping to play your sport in college, there are two avenues.

**NCAA** – the National Collegiate Athletic Association is the governing board for college athletics at the Division 1, 2 and 3 levels. The three divisions are defined by the number of sports they offer for both men and women. Division 1 colleges can offer full scholarships. Division 2 colleges can offer a combination of scholarship money, grants, student loans and employment earnings. Division 3 colleges do not provide financial aid related to athletics.

- D1 and D2 Eligibility - To be eligible for Division 1 and 2 colleges, student athletes have to meet core course requirements, have at least a 2.3 GPA and meet SAT/ACT requirements. Admission to the college is dependent on these factors.
- D3 Eligibility - To be eligible for a Division 3 college, student athletes need to be admitted to the college first.

**NAIA** - National Association of Intercollegiate Athletics is the governing board for small athletic schools that are dedicated to character driven intercollegiate athletics.

- Eligibility - To play for a NAIA college, student athletes must meet two of three: ACT/SAT test score, Minimum GPA, or Class Rank (top 50% of class).
- Scholarships - financial packages can include scholarship money, grants-in-aid or student loans.

**Transcript release process** - Before we can release your transcript to a college coach or recruiter, please have the Transcript Release form signed and turn into the Counseling Center.

A link to the form can be found on the Athletics page of the EC web site.

For more information, contact Kathleen McCann, School Counselor and NCAA/NAIA liaison [kathleen.mccann@oside.us](mailto:kathleen.mccann@oside.us) 760-901-8041

**El Camino High School  
College & Career Center  
760.901.8051  
Mon-Friday 8:30am - 3:30pm**

The College & Career Center is a great place to get FREE assistance for college & career planning for all ECHS students.

**Visit the College & Career Center!**

Students are encouraged to visit the College & Career Center either by drop in, with a pass from a teacher, or by making an appointment. Parents are also encouraged to call, email or make an appointment to get all of your questions answered. We are here to help make planning for life after high school a little easier!

**What does the College & Career Center offer?**

**Services Provided**

Career Counseling  
Career Assessments  
Career Speakers  
Career Shadow Days  
College Planning  
College Application Workshops  
College Fairs  
College Representative Visits  
Information & Workshops

**Information & Assistance with:**

Scholarships  
Apprenticeships  
Military Branches  
Community Service & Internships  
Volunteer Opportunities  
Resumes & Brag Sheets  
College Essays  
College Entrance Exams Financial Aid  
Work Permits

**Free Information**

All students are welcome to take any of the FREE career and college information located in the  
College & Career Center

**Access to Computers & FREE Printing**

Fax, scan and copy machine available for academic and professional use.

For additional information contact: Career Guidance Tech [echhs.career@oside.us](mailto:echhs.career@oside.us)

## ***What Support Programs are Available in the College & Career Center?***

### **MiraCosta College Student Ambassadors**

MiraCosta College Student Ambassadors are available to meet with students three days a week in the Career Center. As college mentors, these students provide valuable insight and guidance specific to attending a community college.

**For additional information contact: Jonathan Gómez** *Coordinator* 760.795.6894, [jgomez@miracosta.edu](mailto:jgomez@miracosta.edu)

### **CSUSM TRIO Talent Search**

Talent Search is a federally funded TRIO grant program through the U.S. Department of Education. CSUSM TRIO Talent Search is an academic preparation program that identifies and assists 9th–12th grade students who have the potential to succeed in higher education. TS serves 500 participants from **El Camino HS** and **Oceanside HS** providing academic year services such Academic Advising and Mentorship, College Preparation Workshops, Fee Waivers for College Entrance Exams, College Field Trips, and Assistance in complete college Admissions and Financial Aid/Scholarship Applications.

For more information, please visit our webpage at:

<https://www.csusm.edu/outreach/trio/talentsearch/index.html>

Staff Contact Information:

#### **Lia Mauga**

Director, TRIO Pre-College Programs

[trio@csusm.edu](mailto:trio@csusm.edu)

(760) 310-3283

#### **Brenda Aguilar**

Coordinator, TRIO Talent Search

[baquilar@csusm.edu](mailto:baquilar@csusm.edu)

***Applications are available in the College & Career Center!***

## INFORMATION REGARDING COLLEGE ADMISSION TEST REQUIREMENTS

SAT or ACT results are not required for UC or CSU admission, but are required for admission to many other 4-year colleges and universities. Please check the admission requirement for the schools you are considering.

### SAT vs ACT

	<u>SAT</u>	<u>ACT</u>
<b>How often is it administered?</b>	Seven times per year	Six times per year
<b>What is the test structure?</b>	Ten section exam: 3 critical reading, 3 math, 3 writing and 1 experimental (experimental section is masked to look like a regular section).	Five section exam: English, Math, Reading, Science and Writing (optional). The experimental section is added to tests on certain dates only and is clearly experimental.
<b>What is the content?</b>	Math: through geometry and Math III /Algebra II Critical Reading: Sentence completions, short and long critical reading passages, reading comprehension Writing: an essay and questions testing grammar, usage and word choice.	Math: up to trigonometry Science: charts and experiments Reading: four passages, one each of Prose Fiction, Social Science, Humanities, Natural Science English: stresses grammar Writing: an essay
<b>Is there a penalty for wrong answers?</b>	NO	NO
<b>Are all scores sent to schools?</b>	No. There is a "Score Choice" option. Students can send a single date's scores or they can send all scores.	No. There is a "Score Choice" option. Students can choose which schools will receive their scores AND which scores the schools will see.
<b>Are there other uses for the exams?</b>	Scholarship purposes, certain statewide testing programs	Some scholarships

[ACT vs. SAT: How to Decide Which Test to Take](#)

**Graduating Classes 2026 & beyond**

# El Camino High School 4-Year Plan / OUSD Requirements / a-g Requirements

## My Personal 4YP

Subject	Grade 9 - choose 6 classes	Subject	Grade 10 - choose 6 classes
PE		PE	
A		A	
B		B	
C		C	
D		D	
E		E	
F		F	
G		G	
Subject	Grade 11 - choose 6 classes	Subject	Grade 12 - choose 6 classes
A		A	
B		B	
C		C	
D		D	
E		E	
F		F	
G		G	
PE/ optional		PE/ optional	

OUSD Graduation Requirements	UC/CSU a-g Requirements
Social Science - 3 years	A: Social Science - 2 years
English - 4 years	B: English - 4 years
Math - 3 years	C: Math - 3 years, 4 recommended
Life Science - 1 year	D: Lab Science - 2 years, 3 recommended
Physical Science - 1 year	E: World Language - 2 years, 3 recommended
World Language - 2 years	F: Visual, Performing Art - 1 year
VPA or Practical Art - 1 year	G: College Prep Elective - 1 year
Ethnic Studies - 1 year	
College Prep Elective - 1 year	<b>3.0 minimum GPA - Grade of C or better required in all classes.</b>
Physical Education - 2 years	
Electives - 30 credits	

\*It is your responsibility to indicate your NCAA goals to your counselor.

My Personal Check List - each blue box is required and worth 5 credits

SUBJECT - 220 Credits Required	10 Credits	20 Credits	30 Credits	40 Credits
World History – 10 credits				
US History – 10 credits				
Government/Economics – 5 credits each				
English – 40 credits				
Mathematics – 30 credits				
Life Science – 10 credits				
Physical Science – 10 credits				
World Language – 20 credits				
Arts – 10 credits				
Physical Education – 20 Credits (including PE 9A&B/AFC)				
College Prep Elective - 10 credits				
Ethnic Studies - 10 credits				
Electives – 30 credits (all courses taken beyond graduation requirements are counted as electives)				

\*\*Please note: This is a flexible, tentative outline for your planning and you may revise it at any time.

\*\*For graduation purposes, a grade of “D” or higher is passing for credit.

\*\*College entrance grades must be a “C” or higher.

## SAMPLE FOUR YEAR PLANS (4YP)

### GRADE 9

GRAD REQUIREMENTS	MINIMUM COLLEGE	RECOMMENDED COLLEGE	COMPETITIVE COLLEGE
World History	World History	World History	World History
English 9	English 9	English 9	English 9
Algebra 1	Algebra 1	Algebra 1	Geometry / Accelerated Geo
Biology / Biotech	Biology / Biotech	Biology / Biotech	Biology / Biotech
AFC / PE 9	AFC / PE 9	AFC / PE 9	AFC / PE 9
Elective	Elective	Elective	Elective

### GRADE 10

GRAD REQUIREMENTS	MINIMUM COLLEGE	RECOMMENDED COLLEGE	COMPETITIVE COLLEGE
World History / *US History	World History / *US History	AP World History / *AP US History	AP World History / *AP US History
English 10	English 10	English 10	English 10
Geometry	Geometry	Geometry / Accelerated Geometry	Algebra 2 / Accelerated Algebra 2
PE	PE	PE	PE
Elective	Elective	Chemistry or Physics	Chemistry or Physics
Elective	Elective	World Language	World Language or AP Seminar

\*Students in the Class of 2028 who completed World History in 9th grade may take US History / AP US History in the 2025-2026 school year

### GRADE 11

GRAD REQUIREMENTS	MINIMUM COLLEGE	RECOMMENDED COLLEGE	COMPETITIVE COLLEGE
*US History	*US History	*AP US History	*AP US History
English 11	English 11	AP English Language	AP English Language
Algebra 2 / Financial Algebra	Algebra 2 / Financial Algebra	Algebra 2 / Accelerated Algebra 2	Math Analysis / AP Calc AB / BC
Ethnic Studies	Ethnic Studies	Ethnic Studies	Ethnic Studies
Elective	Elective	Third Year Science	Third Year Science
Elective	Elective	Third Year World Language	Third Year WL or AP Research

### GRADE 12

GRAD REQUIREMENTS	MINIMUM COLLEGE	RECOMMENDED COLLEGE	COMPETITIVE COLLEGE
Government/Economics	Government/Economics	AP Government	AP Government
ERWC (English 12)	ERWC (English 12)	AP English Literature	AP English Literature
Three years of Math	Math Analysis / Fin Alg / AP Stats	Math Analysis / AP Calc AB / BC / AP Statistics	AP Calculus AB / BC
Elective	Elective	College Prep or AP Elective	College Prep or AP Elective
Elective	Elective	College Prep or AP Elective	College Prep or AP Elective

