El Camino High School

Course Catalog

400 Rancho Del Oro Drive
Oceanside, CA 92057
(760)901-8000
www.echs.oside.us
COUNSELING TEAM

COUNSELING ASSIGNMENTS

Students at El Camino High School are assigned a 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.

<table>
<thead>
<tr>
<th>Counselor</th>
<th>Alpha</th>
<th>Specialties</th>
<th>Extension</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Socorro Ruiz</td>
<td>A – B</td>
<td>ELD 1-2 &amp; Foreign Exchange</td>
<td>760-901-8034</td>
<td><a href="mailto:socorro.ruiz@oside.us">socorro.ruiz@oside.us</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Case Mgrs: Garrison, Lish, Lyon,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Keo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kelley Brinkerhoff</td>
<td>C – E</td>
<td>Case Mgrs: Crone, Keo</td>
<td>760-901-8033</td>
<td><a href="mailto:kelley.brinkerhoff@oside.us">kelley.brinkerhoff@oside.us</a></td>
</tr>
<tr>
<td>Sada Felix</td>
<td>F–I</td>
<td>Case Mgrs: Gibba, S. Olsen &amp; Diekemper</td>
<td>760-901-8042</td>
<td><a href="mailto:sadako.felix@oside.us">sadako.felix@oside.us</a></td>
</tr>
<tr>
<td>Kathleen McCann</td>
<td>J – L, W – Z</td>
<td>Case Mgrs: Dreisbach, Nicholson &amp; Polawski</td>
<td>760-901-8041</td>
<td><a href="mailto:kathleen.mcclain@oside.us">kathleen.mcclain@oside.us</a></td>
</tr>
<tr>
<td>Lori Tauber</td>
<td>M – O</td>
<td>Simon Scholars</td>
<td>760-901-8037</td>
<td><a href="mailto:ltauber@oside.us">ltauber@oside.us</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Case Mgr: Broberg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elizabeth Cruz</td>
<td>P – R</td>
<td>Case Mgrs: A. Olson, Vallete &amp; J. Barnes</td>
<td>760-901-8035</td>
<td><a href="mailto:elizabeth.cruz@oside.us">elizabeth.cruz@oside.us</a></td>
</tr>
<tr>
<td>Elizabeth Hunter</td>
<td>S – V</td>
<td>Case Mgrs: Rawlins</td>
<td>760-901-8036</td>
<td><a href="mailto:ehunter@oside.us">ehunter@oside.us</a></td>
</tr>
<tr>
<td>Vince Daughrity</td>
<td></td>
<td>Academic Acceleration and Recovery Program (AARC)</td>
<td>760-901-8108</td>
<td><a href="mailto:vdaughrity@oside.us">vdaughrity@oside.us</a></td>
</tr>
</tbody>
</table>

Counseling Office Support Staff

<table>
<thead>
<tr>
<th>Support Staff</th>
<th>Department</th>
<th>Extension</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caitlin Degrafft</td>
<td>College &amp; Career Center</td>
<td>760-901-8051</td>
<td><a href="mailto:caitlyn.degraff@oside.us">caitlyn.degraff@oside.us</a></td>
</tr>
<tr>
<td>Bonnie Robinson</td>
<td>Transcripts &amp; Registration</td>
<td>760-901-8039</td>
<td><a href="mailto:bonnie.robinson@oside.us">bonnie.robinson@oside.us</a></td>
</tr>
<tr>
<td>Rosa Flanagan</td>
<td>Transcripts &amp; Registration</td>
<td>760-901-8040</td>
<td><a href="mailto:rosa.flanagan@oside.us">rosa.flanagan@oside.us</a></td>
</tr>
<tr>
<td>Jill Rizzuto</td>
<td>Transcripts &amp; Registration (AARC)</td>
<td>760-901-8093</td>
<td><a href="mailto:jill.rizzuto@oside.us">jill.rizzuto@oside.us</a></td>
</tr>
<tr>
<td>Magdalena Duenas</td>
<td>Counseling Secretary</td>
<td>760-901-8031</td>
<td><a href="mailto:magdalena.duenas@oside.us">magdalena.duenas@oside.us</a></td>
</tr>
</tbody>
</table>

ATHLETICS

Fall
- Football
- 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

Alma Mater

We pledge our hearts to brown and gold,
the color of the hills and sun.
As people we are many,
but as Wildcats we are one.
Our pride for you is deep within,
our spirit strong and high.
We'll hail to you dear alma mater,
as the years go by.
Our team will fight with honor,
and strive for victory.
El Camino Wildcats, forever we shall be.
The El Camino High School Site Council would like to welcome you to our Wildcat family. Please visit our location in 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 1st and 2nd semester. Teachers may also recommend a placement level change during this time. Level changes are completed based on space available.

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

- The student has 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 20th 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 specified categories noted below (1 semester = 5 credits)
- Health Competency (by exam or coursework)

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>OUSD Requirements</th>
<th>NCAA Division 1 Requirements</th>
<th>CSU Entrance</th>
<th>UC Entrance</th>
</tr>
</thead>
<tbody>
<tr>
<td>A ~ Social Studies 30 credits</td>
<td>• World History • US History • Government &amp; Economics</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>B ~ English 40 credits</td>
<td>• English 9 • English 10 • English 11 • Expository Reading &amp; Writing</td>
<td>4 years</td>
<td>4 years</td>
<td>4 years</td>
</tr>
<tr>
<td>C ~ Math 30 credits</td>
<td>• Including HS Math 2 • 30 credits must be completed during grades 9-12</td>
<td>3 years (Math 1 and higher)</td>
<td>3 years (thru Math 3)</td>
<td>3 years (4 recommended – must take math in senior year)</td>
</tr>
<tr>
<td>D ~ Science 20 credits</td>
<td>• (1) life science • (1) physical science • 1 year must include a lab</td>
<td>2 years lab science (natural or physical)</td>
<td>2 years lab science</td>
<td>2 years lab science 3 recommended</td>
</tr>
<tr>
<td>E ~ World Language 20 credits</td>
<td>• Must be the same language w/completion of year 2 of the language during grades 9-12</td>
<td>N/A</td>
<td>2 years or equivalent</td>
<td>2 years or equivalent 3 recommended</td>
</tr>
<tr>
<td>F ~ Arts 10 credits</td>
<td>• Visual, Performing or Practical Arts</td>
<td>N/A</td>
<td>Visual or Performing Arts 1 year/1 course</td>
<td>Visual or Performing Arts 1 year/1 course</td>
</tr>
<tr>
<td>G ~ Electives 50 credits</td>
<td>• MUST include one year-long college prep elective</td>
<td>4 years (any of above core areas, World Language or Religious Studies) +1 year additional English, math, or science course</td>
<td>1 year, from areas above or other approved electives</td>
<td>1 year, from areas above or other approved electives</td>
</tr>
<tr>
<td>Physical Education 20 credits</td>
<td>• Including PE 9A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Health Competency</td>
<td>Students may fulfill state health requirement by exam or coursework</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

| Total Credits | 220 Credits | 16 Core Course Units | 15 Core Course Units | 15 Core Course Units |
**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) courses. (1 English, 1 Math or Science and 2 others)
- A minimum of 50 hours of community service. Documentation of these hours may begin in the freshman year; hours are due by the end of the 7th semester.
- 9 – 12 Academic GPA of 3.6 or higher (not including PE or TA classes) by the end of the 7th semester.
- An autobiographical essay during the senior year (as required by UC application process).
- C’s or higher at the 2nd semester 12-week progress report of senior year.

**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 the AP curriculum. El Camino High School currently offers 21 different AP courses.

**AP CAPSTONE DIPLOMA PROGRAM**

AP Capstone™ is a diploma program based on two yearlong 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:**

OUSD has partnered with Mira Costa Community College to offer college classes on the high school campus. Benefits offered to students include earning both high school and college credit and free books and tuition. Course offerings will vary by year. The program for the 2018-2019 school year included Math 112, Math 115, Counseling 100 and Nutrition 100; all courses apply to the general education requirements for college.

**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 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 all college applications and necessary documentation through their personal account.
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 fieldtrips, and ongoing scholarship applications.

**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 11th/12th graders in the fall and spring.

**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.

**CALIFORNIA STATE UNIVERSITY SYSTEM**
The CSU System consists of 23 campuses throughout California. Bachelors and Master's Degree programs 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:** Either the SAT or ACT Test must be taken no later than December of senior year. Students should have scores sent directly to all schools they are considering.

**COST:** Tuition for the 2018-2019 school year are estimated at $13,000; 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. Applications must be submitted between October 1st - November 30th. Application fees for 2018-2019 were $55 per campus.

**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:** Either the SAT with Essay, or ACT w/Writing is required for admission. Some schools or programs may also require SAT Subject Exams. All tests must be taken no later than December of senior year. Students should have scores sent directly to all schools they are considering.

**COST:** Tuition and fees for the 2018-2019 school year are estimated at $13,900; cost of books and supplies average about $1,200 per year and the cost of room and board in on-campus housing is approximately $15,800.

**APPLICATION PROCESS:** Applications are available on-line at www.universityofcalifornia.edu/apply. Applications must be submitted between November 1st - November 30th. Fees for the 2018-19 application were $70 per campus. The UC application requires a personal statement by the student.

**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. Additional information can be found in the College & Career Center or in the Counseling Office.

**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 be
considered for appointment and must obtained from the President, the Vice President, your US Senator, or House Representative. 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.)

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 2018-2019 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.

How to Apply: Students may apply for admission on-line through specific college websites, or via www.cccapply.com.

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 or stop by the College & Career Center for more information.

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.

<table>
<thead>
<tr>
<th>Grading Points for Regular Classes</th>
<th>Grading Points for Advanced Placement (AP) Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 4 points</td>
<td>A = 5 points</td>
</tr>
<tr>
<td>B = 3 points</td>
<td>B = 4 points</td>
</tr>
<tr>
<td>C = 2 points</td>
<td>C = 3 points</td>
</tr>
<tr>
<td>D = 1 points</td>
<td>D = 1 points</td>
</tr>
<tr>
<td>F = 0 points</td>
<td>F = 0 points</td>
</tr>
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</table>
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?

<table>
<thead>
<tr>
<th>Agriculture &amp; Natural Resources</th>
<th>Arts, Media &amp; Entertainment</th>
<th>Building &amp; Construction Trades</th>
<th>Business and Finance</th>
<th>Education, Child Development &amp; Family Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information &amp; Communication Technologies</td>
<td>Manufacturing and Product Development</td>
<td>Marketing, Sales &amp; Service</td>
<td>Public Services</td>
<td>Transportation</td>
</tr>
</tbody>
</table>
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 3.

<table>
<thead>
<tr>
<th>STEPS FOR STUDENTS</th>
<th>NOTES TO PARENTS REGARDING CORE CURRICULUM AND STUDENT SUCCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Read the course descriptions carefully before making any selections. The school's master schedule and teacher assignments are made based on student course requests.</td>
<td>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:</td>
</tr>
<tr>
<td>2. Required courses for the ECHS diploma are listed on page 4. Study them carefully.</td>
<td>1. Stress the importance of education and a marketable skill.</td>
</tr>
<tr>
<td>3. Prerequisites and grade levels are listed for each course. Please make sure that you meet specific guidelines.</td>
<td>2. Stress the importance of daily attendance at school.</td>
</tr>
<tr>
<td>4. Review your course choices with your parents. Student and parent signatures are REQUIRED on the course selection form.</td>
<td>3. Encourage your student to read.</td>
</tr>
<tr>
<td>5. 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.</td>
<td>4. Discuss each six-week progress report and each semester report card with your student.</td>
</tr>
<tr>
<td>6. Assist your student in selecting appropriate courses for next year's schedule.</td>
<td>5. Monitor your student's progress daily on Aeries. (See below)</td>
</tr>
</tbody>
</table>

**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 2019/20 school year will require a student portal. See page 8 for instructions.

Go to https://my.oside.us/LoginParent.aspx?page=default.aspx or follow the link from the ECHS homepage, 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:

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.

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

Registering for an Aeries Portal Account

1. Log into: https://my.oside.us/
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 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

Website: http://www.oside.us/assessment/parentportal
Email: eagle@oside.us
Telephone: 760-966-4408

Oceanside Unified School District
Guiding Our Students to Bright Futures™
A. History/Social Science (2 years required)
World History
World History/Model U.N.
U.S. History
Government

B. English (4 years required)
English 9
English 10
English 11
Expository Reading and Writing

C. Mathematics (3 years required, 4 years recommended)
High School Math I
High School Math II
High School Math II Pre-AP
High School Math III
High School Math III Pre-AP

D. Laboratory Science (2 years required, 3 years recommended)
Biology
Biotech
Physics
Chemistry
Oceanography

E. World Language (2 years required, 3 years recommended)
American Sign Language I
American Sign Language II
American Sign Language III
French I
French II
French III
French IV

F. Visual & Performing Arts (1 year required)
Art I
Art II
Game Design
3D Design & Sculpture
Ceramics
Photography
AP Studio Art: Drawing
AP Studio Art: 2D
AP Studio Art: 3D
AP Art History
Intro to Graphic Design
Musical Theater
History of Rock and Roll
Dance II
Dance III

G. College Preparatory Electives (1 year required)
(Or one year chosen from the “a-f” courses beyond those used to satisfy the requirements of the “a-f” subjects)
AVID
Economics
Earth Science
21st Century Entrepreneurial Exploration

Underlined courses will receive weighted grade points (A=5, B=4, C=3)
Courses in italics meet UC requirements for Bio and Physics, respectively.
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 #: 109101
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.

World History/Model U.N.
Course #: 109119
Prerequisite: None
Credit for Graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: YES/A
NCAA Approved: YES
This course teaches the knowledge of World History. Themes incorporate political, economic, and cultural problems facing our world today with emphasis on the historical understanding of its cause, along with the geographical and cultural influences. Skills emphasized in this course revolve around the skills necessary to do well in Model United Nations. Skills emphasized will include research, reading, writing, public speaking, collaboration, creativity in problem solving, and leadership development. This course will help you develop skills that will be necessary for success in all academic/career pathways. Participation outside of the class in Model United Nation Conferences will be required. Some travel required; transportation and fundraising available.

**AP WORLD HISTORY**
Course #: 109501
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
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
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.

GOVERNMENT/ECONOMICS
Course #: 109301 / 109302
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
Prerequisite: U.S. History
Credit for Graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: YES/A
NCAA Approved: YES
This course is a critical analysis of politics, government and economics in the United States. This course demands dedicated homework completion and a strong desire to succeed. It prepares students for the AP examination.

**** 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
Prerequisite: None
Credit for Graduation: ENGLISH
A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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
Course #: 209201
Prerequisite: None
Credit for Graduation: ENGLISH
A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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
Course #: 209301
Prerequisite: None
Credit for Graduation: ENGLISH
A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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
Course #: 209501
Prerequisite: “C” or higher in English 10 Recommended
Credit for Graduation: ENGLISH
A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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
Course #: 209401
Prerequisite: None
Credit for Graduation: ENGLISH
A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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
Course #: 209503
Prerequisite: “C” or higher in AP English Language & Composition Recommended
Credit for Graduation: ENGLISH
Meets A-G Approval/Subject Area: YES/B
NCAA Approved: YES
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. Student 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.

**** 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.
ALGEBRAIC AND QUANTITATIVE ANALYSIS/AQA
Course #: 309033
Prerequisite: Common Core Math 8/Teacher Recommendation
Credit for Graduation: MATH
A-G Approval/Subject Area: NO
NCAA Approved: YES
*Students will be placed in AQA as determined by OUSD math placement protocol. This course is only for 9th graders who have a history of struggling in mathematics. Through collaborative activities and hands on experiences, students will develop the mathematical reasoning and communication skills necessary to succeed in all high school mathematics courses and STEM through college and career ventures. As in every mathematics course, the Standards for Mathematical Practice play a central role in student learning alongside the content standards.

HIGH SCHOOL MATHEMATICS I
Course #: 309101
Prerequisite: Common Core Math 8
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approved: YES
The fundamental purpose of the High School Mathematics I course is to formalize and extend the mathematics that students learned in the middle grades. This course includes Common Core standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Instructional time will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane. Student engagement with course content will develop skills required for all eight of the Common Core Standards of Math Practice.

HIGH SCHOOL MATHEMATICS II
Course #: 309201
Prerequisite: High School Math I
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approved: YES
The focus of the High School Mathematics II course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. For the Mathematics II course, instructional time should focus on five critical areas: (1) extend the laws of exponents to rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning. Student engagement with course content will develop skills required for all 8 of the Common Core Standards of Math Practice.

HIGH SCHOOL MATHEMATICS II Pre-AP (HS Math II+)
Course #: 309211
Prerequisite: High School Math I
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approved: YES
Students will meet the goals of High School Mathematics II as well as work beyond the grade level in order to prepare for AP Calculus in senior year. Math II Pre-AP is the first class in a two course series that consolidates three years of math content (Math II, Math III, and Math Analysis) into two years. Students will be engaged in a more rigorous pace and an in-depth treatment of math II. Topics to be studied more in depth include conic sections, permutations and combinations, unit circle and trigonometry, and complex numbers. Math II Pre-AP course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at El Camino. Access is not limited, but it is recommended that students enrolling have had A or B+’s in Math in past years.
HIGH SCHOOL MATHEMATICS III
Course #: 309301  10-12
Prerequisite:  High School Math II
Credit for Graduation:  MATH
A-G Approval/Subject Area:  YES/C
NCAA Approved:  YES
It is in the Mathematics III course that students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. For the Mathematics III course, instructional time should focus on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, radical, and logarithmic functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems. Student engagement with course content will develop skills required for all eight of the Common Core Standards of Math Practice.

HIGH SCHOOL MATHEMATICS III Pre-AP (HS Math III+)
Course #: 309311  10-12
Prerequisite:  Math II Pre-AP
Credit for Graduation:  MATH
A-G Approval/Subject Area:  YES/C
NCAA Approved:  YES
Students will meet the goals of High School Mathematics III as well as work beyond the grade level in order to prepare for AP Calculus in senior year. Math III Pre-AP is the second class in a two course series that consolidates 3 years of math content (Math II, Math III, and Math Analysis) 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 vectors, continuous growth, natural logarithms, trigonometric identities, graphs of inverse trigonometric functions, parametric curves, polar coordinates, limits, and derivatives. Math III Pre-AP course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at El Camino. Access is not limited, but it is highly recommended that students enrolling have taken Math II Pre-AP 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 Analysis, Pre-Calculus, or Math III Pre AP
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 AP Calculus AB or Teacher Recommendation
Credit for Graduation:  MATH
A-G Approval/Subject Area:  YES/C
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
Prerequisite: “C” or higher in Math III 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 the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploratory analysis, planning a study, probability, and statistical inference. *Can take concurrently with Math III Pre-AP having earned a B or higher in Math II Pre AP.*

**FINANCIAL ALGEBRA**
Course #: 309021
Prerequisite: Completion of HS Math I and II
Credit for Graduation: MATH
A-G Approval/Subject Area: YES
NCAA Approved: PENDING

This course provides an additional option for a third or fourth year of math. Advanced Algebra with Financial Applications offers 11th and 12th 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 21st 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: Completion of Math II and/or Teacher Recommendation
Credit for Graduation: MATH
A-G Approval/Subject Area: NO
NCAA Approved: NO
Articulated with: (Mira Costa 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**

**HIGH SCHOOL MATH SUPPORT**
Course #: 989223
Prerequisite: None
Credit for Graduation: Elective
Meets A-G Approval/Subject Area: NO
NCAA Approved: NO

Math Support is a program of tutorials, math skills review and study habits designed to help students achieve success in a concurrent a-g mathematics course. This course is designed for students who need additional support to complete assignments in HS Math II. This class will support students as they acquire new math skills necessary for promotion. This class provides academic instruction and other support needed to prepare students to successfully meet OUSD graduation math requirements. **NOTE: This is not a college preparatory math course**
2019-2020 Math Sequence

**Accelerated Pathway**

- HS Math II Pre-AP
- HS Math III Pre-AP
- AP Calculus AB or BC

**College Prep Pathways**

- HS Math I
- HS Math II
- HS Math III
- AP Statistics (Can take concurrently with Math III Pre-AP, Math Analysis, or Calculus)
- Math Analysis
- Financial Algebra
- Math 112 (Mira Costa)
- Math 115 (Mira Costa)
- Business Math (non A-G, Seniors Only) (Mira Costa ACCT 158)

**Algebraic & Quantitative Analysis**

(non A-G) (9th grade only)

**HS Math Support** is an *optional elective* available for *concurrent enrollment* with HS Math II.
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. 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.*

**BIOLOGY**

Course #: 409101

Prerequisite: None

Credit for Graduation: LIFSCIENCE

A-G Approval/Subject Area: YES

NCAA Approved: YES

Biology 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.

**BIOTECH**

Course #: 409121

Prerequisite: None

Credit for Graduation: LIFSCIENCE

A-G Approval/Subject Area: 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.

**MARINE BIOLOGY**

Course #: 409111

Prerequisite: Completion of Biology

Credit for Graduation: LIFSCIENCE

A-G Approval/Subject Area: YES

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.

**PHYSICS**

Course #: 409211

Prerequisite: "C" or higher in HS Math I and Biology

Credit for Graduation: PHYSICAL SCIENCE

A-G Approval/Subject Area: YES

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.

EARTH SCIENCE
Course #: 409301
Prerequisite: Concurrent enrollment in HS Math I or higher
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/G (for UC), YES/D (for CSU)
NCAA Approved: YES
This course will provide students with an understanding of the important results of studies of the earth's interior, surface, and atmosphere, as well as the solar system, galaxy, and universe. Throughout, emphasis will be put on viewing the Earth as a system of interacting components. The course will cover all of the California state standards relating to Earth Science. This course a G elective for the University of California and is not recommended for students who want to apply to UC schools or the more competitive California State Universities. It is designed for those sophomores, juniors, and seniors who did not fulfill the math prerequisites for physics or chemistry.

CHEMISTRY
Course #: 409201
Prerequisite: "C" or higher grade in HS Math I and Biology
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: 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.

OCEANOGRAPHY
Course #: 409231
Prerequisite: "C" or higher grade in HS Math I and Biology
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: PENDING
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
Course #: 409403
Prerequisite: "C" or higher grade in Chemistry strongly recommended
Credit for Graduation: LIFE SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES
This course is a study of anatomical concepts and physiological functions. Biochemistry, cytology, and histology and all the major body systems are studied. A mammal dissection is part of the course. Appropriate for students interested in the medical profession. In the event the course is full, the following criteria will be used: Seniors who have passed Biology and Chemistry with a B or better. The next criteria will be seniors who have passed Biology with a B or better and completed Chemistry with a C or better. The next criteria will be juniors who meet the same standards as above.

AP BIOLOGY
Course #: 409501
Prerequisite: A or B in Biology and Chemistry, Anatomy/Physiology or Physics recommended
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES
Advanced Placement Biology is a college level general biology course taught at the high school level. The class will survey all major biology topics in depth and will move at a fast pace. Research, data analysis, report writing, and in-depth laboratory
experiments will supplement classroom instruction. The prerequisite for this course is an A or B in Biology and Chemistry. Recommended classes include Anatomy or Physics. In the event the class is full, the following criteria will be used: Seniors who have met the above prerequisites and who have taken Biology and Chemistry and passed with a B or higher in both classes. The next criterion will be the seniors that meet the above standards with the highest GPA. If there are openings for juniors, the same criteria above will be used.

**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 CHEMISTRY**

Course #: 409503

11-12

**Prerequisite:** “C” or higher grade in Chemistry

**Credit for Graduation:** PHYSICAL SCIENCE

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

**NCAA Approved:** YES

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 this 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**

Course #: 409507

11-12

**Prerequisite:** “C” in Biology & either Physics or Chemistry

**Credit for Graduation:** LIFE SCIENCE

**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 Accelerated Physics with a C or better. The next criteria will be juniors who meet the same standards as above.
Science Sequence

9th Grade
- Biology
- Bio-Tech

10th Grade
- Chemistry
- Earth Science
- Marine Biology
- Oceanography
- Physics

11th/12th Grades
- Anatomy/Physiology
- Chemistry
- Earth Science
- Marine Biology
- Oceanography
- Physics
- AP Biology
- AP Chemistry
- AP Physics
- AP Environmental Science

11th/12th Grades
- Anatomy/Physiology
- Chemistry
- Earth Science
- Marine Biology
- Oceanography
- Physics
- AP Biology
- AP Chemistry
- AP Physics
- AP Environmental Science

Courses in Italics meet the Life Science Requirement
Courses not in Italics meet the Physical Science Requirement
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: FOREIGN 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**
Course #: 509203/509303  
9-12  
Prerequisite: “C” or better in prior French course  
Credit for Graduation: FOREIGN 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: FOREIGN 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: FOREIGN 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: FOREIGN 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**
Course #: 509201/509301  
9-12  
Prerequisite: “C” or better in prior Spanish course  
Credit for Graduation: FOREIGN LANGUAGE  
A-G Approval/Subject Area: YES/E
NCAA 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
Course #: 509401
Prerequisite: 9-12
Credit for Graduation “C” or better in Spanish III
A-G Approval/Subject Area: FOREIGN LANGUAGE
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.

AMERICAN SIGN LANGUAGE I
Course #: 509105
Prerequisite: None
Credit for Graduation FOREIGN 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
Prerequisite: “C” or better in prior American Sign Language course
Credit for Graduation FOREIGN 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.

RECOMMENDED WORLD LANGUAGE SEQUENCE

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  
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 pencil, pen and ink, tempera, acrylic, watercolors, printmaking, paper collage and scratch art. This one-year course fulfills the A-G Visual Arts requirement and is fundamental to the Visual Arts Career Pathway. This course is also the prerequisite to AP Studio Art.

ART II
Course #: 609201  
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 the study of the basic techniques needed to work in the areas of drawing, painting and sculpture, and become more familiar with the role of art in society.

CERAMICS
Course #: 609103  
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 second semester incorporates more sculptural projects that include figures, animals, whistles, and more. Ceramics I is the prerequisite for A.P. 3-D design.

PHOTOGRAPHY
Course #: 609205  
Prerequisite: None  
Credit for Graduation: VISUAL ARTS  
A-G Approval/Subject Area: YES/F  
Students will learn how to use manual settings on a digital camera and how to edit using Photoshop. Students will use the elements and principles of design in their photography to create visually pleasing photographs and will also review history of photography throughout the year.

3D DESIGN & SCULPTURE
Course #: 609401  
Prerequisite: None  
Credit for Graduation: VISUAL ARTS  
A-G Approval/Subject Area: YES/F  
3D Design is a hands-on crafts course that introduces various three-dimensional art forms through the use of wire, fiber art, paper maché and other materials. It is open to all students. Basic art techniques will be reviewed and discussed during the year. Art supplies will be needed and a list will be provided in class.

AP ART HISTORY
Course #: 609501  
Prerequisite: None  
Credit for Graduation: VISUAL ARTS  
A-G Approval/Subject Area: YES/F  
This course covers the history of art from ancient to modern times, including the lives of major artists, their styles, and uses of symbolism. Students learn the rich traditions of art through factual knowledge, the skillful use of principles of aesthetics and comparative criticism. Continuous reference is made to aspects of human history. The course prepares the student for the AP exam.

AP STUDIO ART - DRAWING
Course #: 609507  
Prerequisite: Art I and/or Art II/III or Teacher Consent  
Credit for Graduation: VISUAL ARTS
The AP Study Art Drawing class is for the academically talented and highly motivated student. Students will address three components in their portfolios: Quality, Concentration (theme) and Breadth. The Breadth will be 12 artworks based on the exploration of the elements and principles of art and design and 12 based on a student-selected theme. Students must complete all 24 artworks with 12 breadth completed before the end of the fall semester. Students will submit this body of work to the College Board for grading and possible college credit with a score of 3 or better.

**AP STUDIO ART – 2-DIMENSIONAL**

Course #: 609503

Prerequisite: Photo 1 and/or Art II/III or Teacher Consent

Credit for Graduation: VISUAL ARTS

A-G Approval/Subject Area: 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 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: Ceramics I and/or Teacher Consent

Credit for Graduation: VISUAL ARTS

A-G Approval/Subject Area: YES/F

The AP Studio Art classes are for the academically oriented and highly motivated student. Each discipline requires dedication and commitment that goes beyond the classroom. Each discipline also requires summer assignments to be completed prior to starting A.P. Throughout the school year students will be required to create a portfolio of art in the following categories: Quality- (5 works of art, Concentration-12 works of art and writing, and Breadth-12 works of art. Students will engage in group and individual critiques throughout the year. In addition to critiques, each discipline will assign a variety of writing assignments geared towards art criticism. There is also a writing component required for the portfolio. Students will learn how to light, photograph, and edit all works of art. This also includes archiving all images and writing with the teacher and themselves. Submission of the art portfolio is the A.P. test and required by all classes. Portfolios are submitted to the A.P. College Board. Scores of 3 and higher receive college credit for their portfolios. AP students are also required to submit art work to a variety of art exhibitions, venues, scholarships, and colleges. They are also are eligible to apply for National Art Honor Society.

**CONCERT BAND**

Course #: 649101

Prerequisite: Teacher Consent

Credit for Graduation: PERFORMING ARTS

A-G Approval/Subject Area: YES/F

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

**WIND ENSEMBLE**

Course #: 649201

Prerequisite: Teacher Consent

Credit for Graduation: PERFORMING ARTS

A-G Approval/Subject Area: YES/F

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

**STRING ORCHESTRA**

Course #: 649103

Prerequisite: Teacher Consent

Credit for Graduation: PERFORMING ARTS

A-G Approval/Subject Area: YES/F
This course provides advanced instrument training and performance opportunities for students of viola, violin, cello, or string bass.

ADVANCED STRING ORCHESTRA
Course #: 649203
Prerequisite: Teacher Consent
Credit for Graduation: Performing Arts
A-G Approval/Subject Area: YES/F
This course provides advanced instrument training and performance opportunities for students of viola, violin, cello, or string bass.

MARCHING BAND
Course #: 679405
Prerequisite: Teacher Consent
Credit for Graduation: Physical Education
A-G Approval/Subject Area: NO
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.

JAZZ BAND
Course #: 649211
Prerequisite: Teacher Consent
Credit for Graduation: Performing Arts
A-G Approval/Subject Area: YES/F
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. Second semester only

PERCUSSION ENSEMBLE
Course #: 649212
Prerequisite: Teacher Consent
Credit for Graduation: Performing Arts
A-G Approval/Subject Area: YES/F
Students will present, read and study appropriate music literature for high school Percussion Instrumentalist. 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
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
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 pre-requisite 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
Prerequisite: Audition and Teacher Consent
SHOW CHOIR
Course #: 649001
Prerequisite: Audition and Teacher Consent
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.

HISTORY OF ROCK AND ROLL
Course #: 659111
Prerequisite: None
Credit for Graduation: A-G Approval/Subject Area: pending/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.

MUSICAL THEATRE
Course #: 659303
Prerequisite: None
Credit for Graduation: A-G Approval/Subject Area: YES/F or PE
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.

PLAY PRODUCTION
Course #: 659303
Prerequisite: Instructor Approval or Audition
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 I (INTRODUCTION TO THEATER 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
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
Course #: 649214
Prerequisite: Audition and Teacher Consent
Credit for Graduation: 9-12
A-G Approval/Subject Area: PERFORMING ARTS
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.

DANCE III
Course #: 649314
Prerequisite: Audition and Teacher Consent
Credit for Graduation: 9-12
A-G Approval/Subject Area: PERFORMING ARTS
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 on a logical, sequential format so that students will be able to acquire affective, 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.

21ST CENTURY ENTREPRENEURIAL EXPLORE
Course #: 989131
Prerequisite: None
Credit for Graduation: 9
A-G Approval/Subject Area: ELECTIVE
The purpose of this yearlong course is to expose and explore the impact of creativity on innovation and entrepreneurship, in order for students to obtain research-based employability skills for the 21st century. Students will be required to build skills in self-sufficiency, professionalism, time management, creative innovation, intrinsic motivation, technology skills, decision-making skills and responsibility to one’s community. Students will be completing Google’s 20% Project, which encompasses an Entrepreneurial focus that challenges students through interactive classroom activities to start their own entrepreneurial venture. Students will go through a process of brainstorming project ideas, creating and presenting an official proposal, and contemporary. A strong emphasis will be placed on dance performances and 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.

AVID 9-12
Course #: 989118/989218/989318/989418
Prerequisite: Application/Interview
Credit for Graduation: 9-12
A-G Approval/Subject Area: ELECTIVE
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.

**PSYCHOLOGY**
Course #: 109411
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
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
Prerequisite: None
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: YES/G
NCAA Approved: PENDING
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.

**** CTE ELECTIVES ****

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 page 33.

**FINE WOODWORKING I AND II – CTE (1st and 2nd courses in Building Trades and Construction Pathway)**
Course #: 609131/609231
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.

**INTRO TO GRAPHIC DESIGN – CTE (1st course in the two Arts, Media and Entertainment sector pathways)**
Course #: 609119
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 program. 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. Students will present projects in a class setting and participate in oral critiques of class assignments.

GAME DESIGN – CTE (2nd course in Game Design and Integration pathway)
Course #: 609117
Prerequisite: None
Credit for Graduation: Intro to Graphic Design
A-G Approval/Subject Area: VISUAL ARTS

This course provides training in computer animation and virtual reality, utilizing current animation software. Instruction covers the following: 3-D computer animation systems, scripts and storyboards. Students learn introductory application and commands to use 3-D animation software to create special effects, a short animated film, and prototype models.

WEB DESIGN – CTE (2nd course in Design, Visual and Media Arts pathway)
Course#: 609415
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 (1st course in both of the Transportation sector pathways)
Course #: 709101
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.

ADV AUTO: BRAKES – CTE (2nd course in Systems, Diagnostics, Service and Repair Pathway) **Offered in 2019-2020**
Course #: 709215
Prerequisite: Auto I A/B
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: NO
Articulated with: Mira Costa College (AUTO 130)

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. **Taken concurrently with Adv. Auto: Steering and Suspension**

ADV AUTO: STEERING & SUSPENSION – CTE (2nd course in Systems, Diagnostics, Service and Repair Pathway) **Offered in 2019-2020**
Course #: 709217
Prerequisite: Auto I A/B
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: NO
Articulated with: Mira Costa College (AUTO 130)

This course provides training in automotive suspension, steering and brake service. Employment possibilities include tire service technician; installer and technician specializing in suspension, steering, alignment and 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; suspension systems, wheel alignment, steering systems, rear suspension systems. Bureau of Automotive Repair (BAR) rules and regulations, and miscellaneous service. Students use
equipment, which includes hand tools, lifting equipment, alignment equipment and tire service equipment. **Taken concurrently with Adv. Auto: Brakes**

**ADV AUTO: ENGINE PERFORMANCE – CTE (2nd course in Systems, Diagnostics, Service and Repair Pathway)**

**Offered in 2020-2021**

Course #: 709219

Credit for Graduation: **YES/F**

Credit for Graduation: 10-12

Prerequisite: Auto I A/B

A-G Approval/Subject Area: VISUAL ARTS

Articulated with: Mira Costa College (AUTO 130)

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. **Taken concurrently with Adv. Auto: Electrical**

**ADV AUTO: ELECTRICAL – CTE (2nd course in Systems, Diagnostics, Service and Repair Pathway)**

**Offered in 2018-19**

Course #: 709221

Credit for Graduation: **YES/F**

Credit for Graduation: 10-12

Prerequisite: Auto I A/B

A-G Approval/Subject Area: VISUAL ARTS

Articulated with: Mira Costa College (AUTO 130)

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. **Taken concurrently with Adv. Auto: Electrical**

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

Course #: 659401

Credit for Graduation: **YES/F**

Credit for Graduation: 10-12

Prerequisite: Teacher Consent

A-G Approval/Subject Area: VISUAL ARTS

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 (2nd course in Production and Managerial Arts pathway)**

Course #: 659423/659424

Credit for Graduation: **YES/F**

Credit for Graduation: 10-12

Prerequisite: TV/Film and Digital Media

A-G Approval/Subject Area: VISUAL ARTS

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 PRINCIPLES – CTE (1st course in Software Systems Development pathway)**
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 (2nd course in Software Systems Development pathway)
Course #: 709501
Prerequisite: None
Credit for Graduation: College Prep Elective
A-G Approval/Subject Area: PENDING/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.

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CTE Career Pathways at ECHS

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<thead>
<tr>
<th>CTE Industry Sector: Information &amp; Communication Technologies</th>
<th>CTE Career Pathway: Software Systems Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Name</td>
<td>Introductory Class</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td></td>
</tr>
<tr>
<td>AP Computer Science A</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity (to be offered in 2020-21)</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>CTE Industry Sector: Arts, Media and Entertainment</th>
<th>CTE Career Pathway: Game Design and Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Name</td>
<td>Concentrator Class</td>
</tr>
<tr>
<td>Introduction to Graphic Design</td>
<td></td>
</tr>
<tr>
<td>Game Design</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CTE Industry Sector: Arts, Media and Entertainment</th>
<th>CTE Career Pathway: Design, Visual and Media Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Name</td>
<td>Concentrator Class</td>
</tr>
<tr>
<td>Introduction to Graphic Design</td>
<td></td>
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<tr>
<td>Web Design</td>
<td></td>
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<table>
<thead>
<tr>
<th>CTE Industry Sector: Arts, Media and Entertainment</th>
<th>CTE Career Pathway: Production and Managerial Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Name</td>
<td>Concentrator Class</td>
</tr>
<tr>
<td>TV/Video Production</td>
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<td>Broadcast Journalism</td>
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<table>
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<tr>
<th>CTE Industry Sector: Transportation</th>
<th>CTE Career Pathway: Systems, Diagnostics, Service and Repair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Name</td>
<td>Concentrator Class</td>
</tr>
<tr>
<td>Auto I</td>
<td></td>
</tr>
<tr>
<td>Course Name</td>
<td>Concentrator Class</td>
</tr>
<tr>
<td>----------------------------------</td>
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</tr>
<tr>
<td>Adv. Auto: Brakes, Steering, Suspension</td>
<td></td>
</tr>
<tr>
<td>CTE Industry Sector: Transportation</td>
<td></td>
</tr>
<tr>
<td>CTE Career Pathway: Systems, Diagnostics, Service and Repair</td>
<td></td>
</tr>
<tr>
<td>Auto I</td>
<td></td>
</tr>
<tr>
<td>CTE Industry Sector: Building Trades and Construction</td>
<td></td>
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<tr>
<td>CTE Career Pathway: Building Trades and Construction</td>
<td></td>
</tr>
<tr>
<td>Woodworking I</td>
<td></td>
</tr>
<tr>
<td>Woodworking II</td>
<td></td>
</tr>
</tbody>
</table>
ROTC  
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.

ASB (STUDENT GOVERNMENT)  
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)  
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.

PUBLICATIONS  
Course #: 809005  
10-12  
Prerequisite:  
Teacher Consent  
Credit for Graduation:  
ELECTIVE  
A-G Approval/Subject Area:  
NO  
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.

TEACHER AIDE/OFFICE AIDE  
Course #: 809031  
10-12  
Prerequisite:  
GPA 2.0 or better, Excellent Attendance and Teacher Consent  
Credit for Graduation:  
ELECTIVE  
A-G Approval/Subject Area:  
NO  
This course introduces giving courteous service to others by performing duties as assigned by the supervising teacher and/or school staff person. Maximum of 10 credits per student.

PEER TUTOR  
Course#: 809027  
11-12  
Prerequisite: 3.5 GPA or higher & Content knowledge  
Credit for Graduation:  
ELECTIVE  
A-G Approval/Subject Area:  
NO  
Peer tutoring provides high school students with an organized exploratory experience to assist students with their studies, personal growth, and development. The course also provides opportunities to develop a basic understanding of individual, cultural, and learning differences in students. The purpose of peer tutoring is to provide a hands-on experience in the tutoring
of students in a peer-to-peer environment while allowing the tutor a comprehensive career experience. This learning experience designed to assist the student in selecting and developing college and/or career options. Peer tutors assist students in academic achievement by meeting them on a regular basis to clarify learning problems and work on study skills. Tutoring is a supplement to teaching.

**** ENGLISH LANGUAGE DEVELOPMENT ****
(For Limited English Speakers Only)

ENGLISH LANGUAGE DEVELOPMENT I
Course #: 989101
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
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
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 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 #: 989411/989413/989405/989407
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 PE 9A; 2) student is in grade 11 or 12; and 3) student is 16 years of age.

P.E. 9A (APPLIED FITNESS CONCEPTS)
Course #: 979101
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
Prerequisite: P.E. 9A
Credit for Graduation: PHYSICAL EDUCATION
A-G Approval/Subject Area: NO
This course will allow students to develop fitness, muscular strength and endurance utilizing resistance exercises and aerobic activities.

WEIGHT TRAINING
Course #: 979201
Prerequisite: P.E. 9A
Credit for Graduation: PHYSICAL EDUCATION
A-G Approval/Subject Area: NO
This course will allow students to develop a strength base and to improve cardiovascular fitness using selected weight training exercises and aerobic activities.

TEAM SPORTS
Course #: 979105
Prerequisite: P.E. 9A
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.

SOCCER PE (TEAM SPORTS)
Course #: 979107
Prerequisite: P.E. 9A
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 soccer. Physical conditioning and personal fitness are stressed.

DANCE I
Course #: 979111
Prerequisite: P.E. 9A
Credit for Graduation: PHYSICAL EDUCATION
A-G Approval/Subject Area: NO
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
Course #: 979211
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 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.
DANCE III
Course #: 979311
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.

SKATE PE
Course #: 979203
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 skate park 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.

ROTC DRILL
Course #: 979001
Prerequisite: Physically Fit
Credit for Graduation: PHYSICAL EDUCATION
A-G Approval/Subject Area: NO
For those cadets who desire to participate in extra-curricular activities, the Marine Corps JROTC offers activities involving drill team, color guard, and an air rifle team.

ADVANCED SPORTS SKILLS
Course #: 979401/979402/979403
Prerequisite: PE 9A
Credit for Graduation: PHYSICAL EDUCATION
A-G Approval/Subject Area: NO
This course is designed to develop and train individual and team related sports performance skills in a competitive, yet cooperative learning environment. Students will be encouraged to participate and develop at an accelerated rate. The class is designed to meet the needs of students participating, or interested in participating, in sports activities at an advanced level. Individual, group and team strategies will be taught cooperatively with advanced skill development opportunities. Sport opportunities will include, but are not limited to, basketball and football.

****ADVANCED SPORTS SKILLS POLICY****
Non-classroom option for students receiving Advanced Sports Skills credit

- At the end of the sport season, student athletes may petition for elective credit by completing an Athletic Credit Request Form
  *Students must earn a Junior Varsity letter, Varsity letter, or a letter of participation in their sport in order to earn physical education credit

- Open to students in grades 10-12 only
- Students who participate in a FALL sport will earn elective credit for the fall semester
- Students who participate in a WINTER sport will earn elective credit for the spring semester
- Students who participate in a SPRING sport will earn elective credit for the spring semester
- Students who participate in two or more sports will earn a maximum of ten elective credits
- Non-athletes will not be allowed to earn credit for Advanced Athletic Skills
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 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.

IMPORTANT INTERNET SITES FOR HIGH SCHOOL STUDENTS

College Information/ Testing Information

<table>
<thead>
<tr>
<th>College Searches and Information</th>
<th>Web site for researching colleges and universities in California</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Colleges</td>
<td><a href="http://www.californiacolleges.edu">www.californiacolleges.edu</a></td>
</tr>
<tr>
<td>College Board</td>
<td><a href="http://www.collegeboard.org">www.collegeboard.org</a></td>
</tr>
<tr>
<td>Cappex</td>
<td><a href="http://www.cappex.com">www.cappex.com</a></td>
</tr>
<tr>
<td>Petersons – Colleges and Universities</td>
<td><a href="http://www.petersons.com">www.petersons.com</a></td>
</tr>
<tr>
<td>Princeton Review</td>
<td><a href="http://www.princetonreview.com">www.princetonreview.com</a></td>
</tr>
</tbody>
</table>

College Applications

| California State Universities                     | https://www2.calstate.edu/apply                                  |
| University of California                          | www.universityofcalifornia.edu/admissions                        |
| UC Personal Statement                             | http://www.students.berkeley.edu/apa/personalstatement           |

Career Search and Job Training

| Career Onestop: Pathways to Career Success        | www.acinet.org                                                  |
| Occupational Outlook Handbook                     | www.bls.gov/oco                                                  |
| Volunteer Info                                    | www.volunteermatch.org                                           |

Independent Study

| Brigham Young University                          | http://is.byu.edu/is/site                                       |

Financial Aid Information

<p>| Fast Web                                          | <a href="http://www.fastweb.com">www.fastweb.com</a>                                                 |
| Federal Student Aid                               | <a href="http://www.studentaid.ed.gov">www.studentaid.ed.gov</a>                                           |
| Smart Student Guide to Financial Aid              | <a href="http://www.finaid.org">www.finaid.org</a>                                                   |
| Free Application for Federal Student Aid          | <a href="http://www.fafsa.ed.gov">www.fafsa.ed.gov</a>                                                 |</p>
<table>
<thead>
<tr>
<th><strong>Free Application for Federal Student Aid – PIN Number Application</strong></th>
<th><a href="http://www.pin.ed.gov">www.pin.ed.gov</a></th>
<th>Request PIN (personal identification number) to use as an electronic signature on FAFSA and for accessing National Student Loan Data System</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Merit Aid</strong></td>
<td><a href="http://www.meritaid.com/">www.meritaid.com/</a></td>
<td>Comprehensive directory of merit and academic scholarships across the country</td>
</tr>
</tbody>
</table>

### Athletics

<table>
<thead>
<tr>
<th><strong>NCAA</strong></th>
<th><a href="http://www.eligibilitycenter.org">www.eligibilitycenter.org</a></th>
<th>Get information regarding NCAA eligibility; complete your Clearinghouse forms on-line</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NAIA</strong></td>
<td><a href="http://www.naia.org">www.naia.org</a></td>
<td>National Association of Intercollegiate Athletics</td>
</tr>
</tbody>
</table>

### Testing Sites

<table>
<thead>
<tr>
<th><strong>ACT Tests</strong></th>
<th><a href="http://www.act.org">www.act.org</a></th>
<th>Register for ACT exams</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SAT Reasoning and Subject Tests</strong></td>
<td><a href="http://www.collegeboard.org/">www.collegeboard.org/</a></td>
<td>Register for the SAT tests. Code for CSU Mentor (all CSU’s) is 3594</td>
</tr>
</tbody>
</table>
NCAA Divisions I and II Initial-Eligibility Requirements

Core Courses: (16)

Initial full-time collegiate enrollment before August 1, 2016:
- Sixteen (16) core courses are required (see chart below for subject-area requirements).

Initial full-time collegiate enrollment on or after August 1, 2016:
- Sixteen (16) core courses are required (see chart below for subject-area requirements).
- Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
  - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
- Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).

Test Scores: (ACT/SAT)
Students must present a corresponding test score and core-course GPA on the sliding scale.
- SAT: critical reading and math sections.
  - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
- ACT: English, math, reading and science sections.
  - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.

Grade-Point Average
- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.[1]

Initial full-time collegiate enrollment before August 1, 2016:
- Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale.
- Core-course GPA is calculated using the best 16 core courses that meet subject-area requirements.

Initial full-time collegiate enrollment on or after August 1, 2016:
- Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B.
- Core-course GPA is calculated using the best 16 core courses that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.
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?

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<th>Services Provided</th>
<th>Information &amp; Assistance with:</th>
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<td>Scholarships</td>
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<td>Career Assessments</td>
<td>Apprenticeships</td>
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<td>Career Speakers</td>
<td>Military Branches</td>
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<td>Career Shadow Days</td>
<td>Community Service &amp; Internships</td>
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<td>College Planning</td>
<td>Volunteer Opportunities</td>
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<td>College Application Workshops</td>
<td>Resumes &amp; Brag Sheets</td>
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<td>College Fairs</td>
<td>College Essays</td>
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<tr>
<td>College Representative Visits</td>
<td>College Entrance Exams</td>
</tr>
<tr>
<td>Financial Aid Information &amp; Workshops</td>
<td>Work Permits</td>
</tr>
</tbody>
</table>

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: Caitlin Degraff, Career Guidance Tech echs.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.

[https://www.miracosta.edu/studentservices/ambassadors/studentambassadors.html](https://www.miracosta.edu/studentservices/ambassadors/studentambassadors.html)

For additional information contact: Jonathan Gómez  Coordinator  760.795.6894, jgomez@miracosta.edu

**CSUSM TRiO Talent Search**
Talent Search is a federally funded TRiO grant program through the U.S. Department of Education. 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 as Academic Advising, College Preparation Workshops, Fee Waivers for College Entrance Exams, College Field Trips, and Assistance in complete College Admissions & Financial Aid/Scholarship Applications.

For more information, please contact us at (760) 750-4887.

*Brenda Aguilar*  
Academic Advisor  
*baguilar@csusm.edu*

*Lia Mauga*  
Director  
*lmauga@csusm.edu*

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

**CSUSM TRiO Upward Bound (UB)**
Upward Bound is a federally funded TRiO program through the U.S. Department of Education. This program is designed to assist high school students in developing the skills and motivation necessary to ensure high school graduation and future success in college. Upward Bound provides year-long services such as Academic Instruction in core subjects held at CSUSM, College Entrance Exam preparation & Fee Waivers, After-school Tutoring by college students at ECHS, Local & Extended College Visits, Assistance in completing College Admissions and Financial Aid/Scholarship Applications and a Summer Program that includes a one-week residential stay at a college campus.

For more information, please contact us at (760) 750-4887.

*Maya Alvarez*  
Program Coordinator  
*malvarez@csusm.edu*

*Ebony Wiley*  
Academic Advisor  
*ewiley@csusm.edu*

*Lia Mauga*  
Director  
*lmauga@csusm.edu*
INFORMATION REGARDING COLLEGE ADMISSION TEST REQUIREMENTS

SAT or ACT results are required for admission to most 4-year colleges and universities.

SAT 2019 - 2020

<table>
<thead>
<tr>
<th>TESTING INFORMATION</th>
<th>SCORING INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TEST DATES</strong></td>
<td><strong>REGISTRATION DEADLINES</strong></td>
</tr>
<tr>
<td>*August 24, 2019</td>
<td>See Website for Registration Deadlines</td>
</tr>
<tr>
<td>*October 5, 2019</td>
<td></td>
</tr>
<tr>
<td>*November 2, 2019</td>
<td></td>
</tr>
<tr>
<td>December 7, 2019</td>
<td></td>
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<tr>
<td>March 14, 2020</td>
<td></td>
</tr>
<tr>
<td><strong>May 2, 2020</strong></td>
<td></td>
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<tr>
<td><strong>June 6, 2020</strong></td>
<td></td>
</tr>
</tbody>
</table>

SAT TEST |
Reading/Writing |
Math |
SAT Essay |
Total: |

SCORE |
200-800 |
200-800 |
2-8 |
400-1600 |

**RECOMMENDED FOR SENIORS
**RECOMMENDED FOR JUNIORS
To sign up for SAT online go to www.collegeboard.org/

PSAT may be taken in grades 9-11.

ACT 2019 - 2020

<table>
<thead>
<tr>
<th>TESTING INFORMATION</th>
<th>SCORING INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TEST DATES</strong></td>
<td><strong>REGISTRATION DEADLINES</strong></td>
</tr>
<tr>
<td>*September 14, 2019</td>
<td>See Website for Registration Deadlines</td>
</tr>
<tr>
<td>*October 26, 2019</td>
<td></td>
</tr>
<tr>
<td>December 14, 2019</td>
<td></td>
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<tr>
<td>February 9, 2020</td>
<td></td>
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<tr>
<td><strong>April 4, 2020</strong></td>
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<tr>
<td><strong>June 13, 2020</strong></td>
<td></td>
</tr>
<tr>
<td>July 18, 2020</td>
<td></td>
</tr>
</tbody>
</table>

ACT TEST |
English |
Math |
Reading |
Science |
Composite |

SCORE |
1-36 |
1-36 |
1-36 |
1-36 |
1-36 |

**RECOMMENDED FOR SENIORS
**RECOMMENDED FOR JUNIORS
To sign up online go to: www.actstudent.org

SAT vs. ACT

<table>
<thead>
<tr>
<th>SAT</th>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How often is it administered?</strong></td>
<td>Seven times per year</td>
</tr>
<tr>
<td><strong>What is the test structure?</strong></td>
<td>Ten-section exam: 3 Critical Reading, 3 Math, 3 Writing, and 1 Experimental; the Experimental section is masked to look like a regular section.</td>
</tr>
<tr>
<td><strong>What is the test content?</strong></td>
<td>Math: up to 9th-grade basic 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.</td>
</tr>
<tr>
<td><strong>Is there a penalty for wrong answers?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Are all scores sent to schools?</strong></td>
<td>No. There is a “Score Choice” option. Students can send a single day’s scores, or they can send scores of every SAT they’ve taken.</td>
</tr>
<tr>
<td><strong>Are there other uses for the exams?</strong></td>
<td>Scholarship purposes; Certain statewide testing programs</td>
</tr>
<tr>
<td><strong>Is there a penalty for wrong answers?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Are all scores sent to schools?</strong></td>
<td>No. There is a “Score Choice” option. Students can choose which schools will receive their scores AND which scores the school will see.</td>
</tr>
<tr>
<td><strong>Are there other uses for the exams?</strong></td>
<td>Some Scholarships</td>
</tr>
</tbody>
</table>

How students can prepare for the SAT or ACT

Students should:
- Challenge themselves throughout high school by taking rigorous courses.
- Sign up online for the SAT question of the day and practice test at www.collegeboard.org.
- Read and write as much as possible – both in and outside of school.
El Camino High School 4-Year Plan / OUSD Requirements / a-g Requirements

My Personal 4YP **Please note: This is a flexible, tentative outline for your planning and you may revise it at any time.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>Grade 9 - choose 6 classes</th>
<th>SUBJECT</th>
<th>Grade 10 - choose 6 classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>B</td>
<td></td>
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<tr>
<td>C</td>
<td></td>
<td>C</td>
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<tr>
<td>D</td>
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<td>D</td>
<td></td>
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<tr>
<td>E</td>
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<td>F</td>
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<tr>
<td>PE/PE/</td>
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<td>PE/PE/</td>
<td></td>
</tr>
<tr>
<td>school</td>
<td></td>
<td>school</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>Grade 11 - choose 6 classes</th>
<th>SUBJECT</th>
<th>Grade 12 - choose 6 classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>B</td>
<td></td>
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<tr>
<td>C</td>
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<td>PE/PE/</td>
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<td>school</td>
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</tbody>
</table>

SUBJECT - 220 Credits

<table>
<thead>
<tr>
<th>Credits</th>
<th>10 Credits</th>
<th>20 Credits</th>
<th>30 Credits</th>
<th>40 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>World History - 10 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>US History - 10 credits</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Government/Econ - 5 cred/each</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English - 40 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics - 30 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life Science - 10 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Science - 10 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Language - 20 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts - 10 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Prep Elective - 10 credits</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Electives - 40 credits (all courses taken beyond graduation requirements counted as electives)</td>
<td></td>
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<tr>
<td>PE - 20 Credits (including PE 9A)</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Health Requirement Met</td>
<td></td>
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</tbody>
</table>

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

OUSD Graduation Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Science - 3 years</td>
<td>A: Social Science - 2 years</td>
</tr>
<tr>
<td>English - 4 years</td>
<td>B: English - 4 years</td>
</tr>
<tr>
<td>Math - 3 years</td>
<td>C: Math - 3 years, 4 recommended</td>
</tr>
<tr>
<td>Life Science - 1 year</td>
<td>D: Lab Science - 2 years, 3 recommended</td>
</tr>
<tr>
<td>Physical Science - 1 year</td>
<td>E: World Language - 2 years, 3 rec</td>
</tr>
<tr>
<td>World Language - 2 years</td>
<td>F: Visual, Performing Art - 1 year</td>
</tr>
<tr>
<td>VPA or Practical Art - 1 year</td>
<td>G: College Prep Elective - 1 year</td>
</tr>
<tr>
<td>College Prep Elective - 1 year</td>
<td></td>
</tr>
<tr>
<td>Physical Education - 2 years</td>
<td></td>
</tr>
<tr>
<td>Electives - 40 credits</td>
<td></td>
</tr>
</tbody>
</table>

UC/CSU a-g Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0 minimum GPA - Grade of C or better required in all classes. SAT or ACT required.</td>
<td></td>
</tr>
</tbody>
</table>
Sample 4-Year Plans
(All require completing the Health Competency Requirement)

<table>
<thead>
<tr>
<th>OUSD MINIMUM GRADUATION REQUIREMENTS</th>
<th>RECOMMENDED COLLEGE ENTRANCE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grade 9</strong></td>
<td><strong>Grade 10</strong></td>
</tr>
<tr>
<td>21&lt;sup&gt;st&lt;/sup&gt; Century Entrepreneurial Explore</td>
<td>World History</td>
</tr>
<tr>
<td>English 9</td>
<td>English 10</td>
</tr>
<tr>
<td>Algebraic &amp; Quantitative Analysis HS Math I</td>
<td>HS Math I</td>
</tr>
<tr>
<td>HS Math I</td>
<td>HS Math II</td>
</tr>
<tr>
<td>HS Math I</td>
<td>HS Math II</td>
</tr>
<tr>
<td>HS Math I</td>
<td>HS Math II</td>
</tr>
<tr>
<td>Art</td>
<td>Biology</td>
</tr>
<tr>
<td>Elective</td>
<td>World Language I</td>
</tr>
<tr>
<td>PE</td>
<td>PE</td>
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<table>
<thead>
<tr>
<th>MINIMUM COLLEGE ENTRANCE REQUIREMENTS</th>
<th>MOST DEMANDING COLLEGE ENTRANCE REQUIREMENTS</th>
</tr>
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<tr>
<td><strong>Grade 9</strong></td>
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