Oceanside High School

2019-2020 Course Catalog

Once a Pirate, Always a Pirate!

1 Pirates Cove, Oceanside CA 92054    Tel: 760-901-8200
Students at Oceanside High School are assigned a counselor based primarily on their last names. Counselors can be reached via phone, 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.

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.
TABLE OF CONTENTS

General Contact Info ................................................................. page 2
Class Change Policy ................................................................. page 3
Graduation/College Requirements ............................................. page 4
Program Information ................................................................. page 5
Course Selection Process .......................................................... page 7
Aries Portal Registration ............................................................ page 8
UC – A-G Course List ................................................................. page 9
CTE Pathways ........................................................................ page 10
Course Description .................................................................. page 11
   A – History/Social Science
   B – English
   C – Math
   D – Science
   E – World Language
   F – Visual/Performing/Practical Arts
   G – Electives
   English Language Development
   Physical Education
OHS Common Core Math Sequence ........................................ page 19
Sample Four-Year Plans ............................................................ page 38
NCAA Eligibility ..................................................................... page 40
SAT / ACT information ............................................................. page 41
Internet Resources .................................................................. page 42
College and Career Center ....................................................... page 43

Class Change Policy

Student requests for schedule changes must be made during “School Business Days” in August, prior to the start of Fall semester. Once school begins, changes will only be made for the following reasons:

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

**Teacher Change** – Teacher change requests will not be honored.

**Level Change** – Students may request to change a class level with parent permission before the 20th day of the school year. Teachers may also recommend a placement level change during this time.

**Any level changes made after day 20 may reflect as a Withdraw/Fail on the transcript**** Second semester level changes must be made prior to the end of first semester**
In order to graduate from Oceanside 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>UC Eligibility</th>
<th>CSU Eligibility</th>
<th>NCAA Division 1 Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>A ~ Social Studies</td>
<td>• World History</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>30 credits</td>
<td>• US History</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Government (Civics) &amp; Economics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B ~ English</td>
<td>• English 9</td>
<td>4 years</td>
<td>4 years</td>
<td>4 years</td>
</tr>
<tr>
<td>40 credits</td>
<td>• English 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• English 11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Expository Reading &amp; Writing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C ~ Math</td>
<td>• Math I (required)</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
</tr>
<tr>
<td>30 credits</td>
<td>• Math II (required)</td>
<td>4 recommended</td>
<td>(thru Math III)</td>
<td>(including Math I)</td>
</tr>
<tr>
<td></td>
<td>(30 credits must be completed at the High School)</td>
<td>(must take math in senior year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D ~ Science</td>
<td>(1 year must include a lab)</td>
<td>2 years lab science</td>
<td>2 years lab science</td>
<td>2 years lab science (natural or physical)</td>
</tr>
<tr>
<td>20 credits</td>
<td>• (1) life science</td>
<td>3 recommended</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• (1) physical science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E ~ World Language</td>
<td>• 2 years Same Language</td>
<td>2 years</td>
<td>2 years</td>
<td>N/A</td>
</tr>
<tr>
<td>20 credits</td>
<td></td>
<td>3 recommended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F ~ Arts</td>
<td>• Visual, Performing or Practical Arts</td>
<td>Visual or Performing Arts</td>
<td>Visual or Performing Arts</td>
<td>N/A</td>
</tr>
<tr>
<td>10 credits</td>
<td></td>
<td>1 year/1 course</td>
<td>1 year/1 course</td>
<td></td>
</tr>
<tr>
<td>G ~ Electives</td>
<td>• May include 5 credits for Contemporary Living</td>
<td>1 year, from areas above or other approved electives</td>
<td>1 year, from areas above or other approved electives</td>
<td>4 years (any of above core areas, World Language or Religious Studies) + 1 year additional, English, math, or science course</td>
</tr>
<tr>
<td>50 credits</td>
<td>• MUST include one year long college prep, elective.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>• Including PE 9A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>20 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td><strong>220 Credits</strong></td>
<td><strong>15 Core Course Units</strong></td>
<td><strong>15 Core Course Units</strong></td>
<td><strong>16 Core Course Units</strong></td>
</tr>
</tbody>
</table>
PROGRAM INFORMATION

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)
AVID is a program designed to aid students who have college potential and strong work ethic by providing additional support. Students commit to completing the University of California "A" - "G" requirements, repeating in summer school any class in which they earn a "D" or an "F", and taking an AVID class each term in combination with a core English class. The elective class has college tutors who assist students in other classes, teaches note-taking, organization skills, time management, test-taking strategies, writing across the curriculum and the inquiry method. Additionally, students have guest speakers, research projects and take field trips to colleges.
NOTE: The AVID coordinator considers placement based on application and interview.

COLLEGE/CAREER CENTER
The OHS College/Career Center is an area where students can apply for scholarships, visit with college/university representatives, research colleges and careers and pursue job leads. Computers with internet access are available to students for college and career exploration, and scholarship searches. The College/Career Center and OHS Counselors utilize CA Colleges, a web-based tool that allows students to assess their own interests and skills, and provides information concerning potential careers and vocations. ASVAB Testing and information is also available in the College/Career Center.

GIRARD PREP
The Girard PREP Program (Preparation to Reach College through Excellence and Perseverance) is designed to prepare students for acceptance to and success at a four-year college or university. Students are recruited for membership into the Girard PREP Program at the beginning of the sophomore year. Eligibility for recruitment is based on grade point average (3.5 or higher). Girard Scholars must maintain a GPA of 3.5 or higher, score average or higher on standardized tests, take college preparatory courses, have excellent attendance, and be good citizens.

HONORS GRADUATION
Students who complete all of the following by the 12th week of Spring semester senior year will be considered “Honor Graduates”
- Four AP classes with passing grades (1 English, 1 Math or Science and 2 others).
- Perform 50 hours of community service.
- 9-12 GPA of 3.6 or higher, Academic GPA (not to include PE or TA classes) at the end of the seventh semester.
- An autobiographical essay in senior year (as required by UC application process).
- C's or higher in 2nd semester 12 week progress report of their senior year.
CALIFORNIA STATE UNIVERSITY (CSU)
The CSU System consists of 23 campuses throughout California. Bachelors and Masters 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 schools require a minimum GPA of 2.0 for admission.

COSTS: For the 2018-19 school year, tuition was approximately $5,742; books and supplies averaged about $1,881 per year; and room & board in on-campus housing was approximately $13,762.

REQUIRED ADMISSIONS TESTS: Either the SAT Reasoning Test or ACT must be taken no later than December of senior year. Students should have scores sent directly to all schools they are considering.

APPLICATION PROCESS: The application process is available on-line June 2018 at www.calstate.edu/apply. Applications must be submitted between August 1st and November 30th. Fees for the 2018-19 application were $55 per campus.

UNIVERSITY OF CALIFORNIA (UC)
The UC system currently has 9 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 10-12.

COSTS: For the 2018-19 school year, tuition & fees were estimated at $13,900; books and supplies averaged about $1,200 per year; and room and board in on-campus housing was approximately $15,800.

REQUIRED ADMISSIONS TESTS: Either the SAT Reasoning Test 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.

APPLICATION PROCESS: Applications are available on-line at www.universityofcalifornia.edu/apply. Applications must be submitted between August 1st and 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 are interested in attending a private 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 available online at www.commonapp.org. Stop by the College/Career Center or the Counseling Office for more information.

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 to be considered for appointment and may be obtained from the President, the Vice President, your US Senator, or House Representative. In some cases, an 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 102 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.

COSTS: Enrollment fees for the 2018-19 school year are $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.

ADMISSION: Students may apply for admission on-line through specific college websites, or via www.cccapply.org. Placement testing is required in Math & English, and may be completed in spring of senior year. OHS students may sign up for Mira Costa and Palomar placement testing through the College/Career Center.

VOCAITIONAL / TECHNICAL SCHOOLS
There are literally thousands of vocational and technical schools that teach a variety of skills leading to careers. Admission requirements for these schools vary, and tuition ranges from $500 to $50,000, depending on the type and length of the program. Students should verify if the programs have received the appropriate accreditations. Stop by the College/Career Center for more information.
OCEANSIDE HIGH SCHOOL GRADING SCALE

<table>
<thead>
<tr>
<th>Grade Points for Regular Classes</th>
<th>Grade 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>
</tbody>
</table>

To compute Grade Point Average (G.P.A.): add the point value of each grade earned, and then divide by the total number of classes/grades.

COURSE SELECTION PROCESS

**STEPS FOR STUDENTS**

1. Read the course descriptions carefully before making any selections. The school’s master schedule and teacher assignments are made on the basis of student requests.

2. Required courses for the OHS diploma are listed on page 4. Study them carefully.

3. Prerequisites and grade levels are listed for each course. Please make sure that you meet specific guidelines.

4. Develop a four-year plan to insure that you are meeting graduation requirements and planning for your post high school goals. Samples are provided at the back of this catalog.

**NOTES TO PARENTS**

Oceanside High School and the Oceanside Unified School District have a core curriculum that all students must complete to graduate (See page 4). As competition for colleges and jobs is increasing rapidly, support services are available to all students to assist in their success at OHS. We urge our parents to:

1. Stress the importance of education and marketable skills.
2. Stress the importance of daily attendance and consistent efforts at school.
3. Encourage your student to read.
4. Discuss each six week progress report and each semester report card with your student.
5. Assist your student in selecting appropriate courses for next year’s schedule.
6. Check your student’s progress daily on AERIES Parent Portal. (See below)

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.

Go to https://my.oside.us/LoginParent.aspx?page=default.aspx or follow the link from the OHS homepage, www.oside.us to create an account. To get started you will need your OHS student ID number, verification code and a valid email address.
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.

*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 student’s 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 A/B
   - U.S. History A/B
   - Government
   - Human & Cultural Geography A/B
   
B. **English (4 years required)**
   - English 9 A/B
   - English 10 A/B
   - English 11 A/B
   
C. **Mathematics (3 years required, 4 years recommended)**
   - High School Math I A/B
   - High School Math II/II Pre-AP A/B
   - High School Math III/III Pre-AP A/B
   - College Algebra w/Medical App. (CPA)
   - Discrete Math A/B
   - Financial Algebra A/B
   
D. **Laboratory Science (2 years required, 3 years recommended)**
   - Biology A/B
   - Physics A/B
   - Chemistry A/B
   - Kinesiology A/B
   - Forensics A/B
   - Intro to Green Technology A/B
   
E. **Language Other than English (2 years required, 3 years recommended)**
   - Spanish 1 A/B
   - Spanish 2 A/B
   - Spanish 3 A/B
   - Spanish for Spanish Speakers A/B
   - Advanced Spanish for Patient Care A/B
   
F. **Visual & Performing Arts (1 year required)**
   - 3-D Design & Sculpture A/B
   - Art I/II/III A/B
   - Photographic Imaging A/B
   - Ceramics I A/B
   - Ceramics II A/B
   - AP Studio Art – Drawing
   - AP Studio Art – 2-D
   - AP Studio Art – 3-D
   - AP Art History
   - 3-D Computer Animation A/B
   - Graphic Design A/B
   - TV, Video and Digital Media A/B
   - Architectural Design A/B
   - Play Production
   - Intro to Theater Arts/Drama/Advance Drama
   - Chorus
   - Concert Choir
   - Show Choir/Dance PE
   - Concert Band
   - Orchestra
   - Jazz Ensemble
   - Percussion Ensemble
   - Wind Ensemble
   - Guitar I
   - Broadcast Journalism
   
G. **College Preparatory Electives (1 year required)**
   - Economics
   - AP Economics
   - Psychology A/B
   - AP Psychology
   - Intro to Criminology & Justice A/B
   - Foundations of Law A/B
   - Pre-Engineering and Design A/B
   - Civil Engineering and Architecture A/B
   - Clinical Assisting w/ Anatomy & Physiology
   - AVID Senior Seminar
   - Developmental Psychology of Children
   - STEM Teach 2 Learn
   - Computer Programming
   - AP Computer Science

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

Today’s cutting-edge, rigorous, and relevant Career and Technical Education (CTE) prepares students for a wide range of high-wage, high-skill, high-demand careers. CTE uses the Linked Learning approach to engage every student in high-quality and relevant education Pathway. In these Pathways, students have some options to take credit-bearing college-level courses that are university admissible upon graduation from high school.

Linked Learning is an amazing opportunity for students to have a quality learning experience that is integrated with career awareness, academics, exploration, and experiential opportunities. Linked Learning integrates four (4) core components, or pillars, that are proven to increase student outcomes.

4 Pillars of Linked Learning
1. **Rigorous Academics:** Students are prepared for college with challenging coursework made relevant through pathways.
2. **Technical Skills:** Students receive hands-on training for high-wage employment.
3. **Work-Based Learning:** Students participate in internships and job shadows to work in a professional environment.
4. **Personalized Support:** Students receive career counseling and supplemental instruction to help ensure success.

1. **ARTS/DIGITAL MEDIA & DESIGN**

<table>
<thead>
<tr>
<th>Digital Media</th>
<th>Performing Arts</th>
<th>Visual Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y.1 Photography</td>
<td>Y.1 Drama 1/ Chorus/Guitar/ Concert Band</td>
<td>Y.1 Art 1/ 3D Design and Sculpture</td>
</tr>
<tr>
<td>Y.2 Graphic Design/TV/Film/Video</td>
<td>Y.2 Drama 2/ Concert Choir/ Strings or Jazz</td>
<td>Y.2 Art 2/ Ceramics/ Woodworking</td>
</tr>
<tr>
<td>Y.3 3D Animation/Broadcasting</td>
<td>Y.3 Musical Theatre/Show Choir/Symphonic Strings</td>
<td>Y.3 Ceramics 2/Fine Woodworking 2</td>
</tr>
<tr>
<td>AP Art History</td>
<td></td>
<td>Y.4 AP Studio Art (2D/3D)</td>
</tr>
</tbody>
</table>

*Note:* When there are multiple class options for a year, students will pick one class option

2. **ENVIRONMENTAL SCIENCE & ENGINEERING**

<table>
<thead>
<tr>
<th>Engineering &amp; Architecture</th>
<th>Environmental Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y.1 Intro to Engineering Design</td>
<td>Y.1 Intro to Green Technology</td>
</tr>
<tr>
<td>Y.2 Civil Engineering &amp; Architecture</td>
<td>Y.2 Energy and Environmental Design</td>
</tr>
<tr>
<td>Y.3 Manufacturing, Design and Development</td>
<td>Y.3 AP Environmental Sustainability</td>
</tr>
</tbody>
</table>

3. **PUBLIC SERVICE**

<table>
<thead>
<tr>
<th>Academy of Justice (AOJ)</th>
<th>Education and Child Development</th>
<th>Health Academy (HCA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y. 1 Intro to Criminology</td>
<td>Y. 1 Developmental Psych of Children 1</td>
<td>Y. 1 Medical Terminology</td>
</tr>
<tr>
<td>Y. 2 Psychology</td>
<td>Y. 2 Teach to Learn: Math or Science</td>
<td>Y. 2 Kinesiology</td>
</tr>
<tr>
<td>Y. 3 Forensics</td>
<td>Y. 3 Developmental Psych of Children 2</td>
<td>Y.3 Medical Term. (for current Juniors only)/</td>
</tr>
<tr>
<td>Y. 4 Foundations of Law</td>
<td></td>
<td>Med. Assisting Foundation/Prep Therapy-MED OFC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y. 4 Clinical Assisting/or First Responder</td>
</tr>
</tbody>
</table>
### Human Geography

Course#: 109423  
Grade Level: 9-12  
Prerequisite: None  
Credit for Graduation: SOCIAL SCIENCE  
A-G Approval /Subject Area: YES/A  
NCAA Approved: YES  

Where in the world is Carmen San Diego? If you find Waldo on Mt. Kilimanjaro, what continent is he on? If you find Waldo & Carmen trekking up Mt. Everest, what continent are they on? Where is the Matterhorn...the real one, not the Disneyland one? Why do people migrate? Is it for the same reason birds do? Why did all great civilizations begin near rivers? If any of these questions made you try to guess answers, or you actually answered them correctly, Human Geography is for YOU! Come pit your cultural landscape knowledge against others in Human Geography....the semesters will culminate in a Geography Bowl! How can you pass up this opportunity to know more than 99% of the world about this phenomenal planet on which we live? In addition to tracking down locations for future vacations, you will hone your writing, test-taking and critical thinking skills.

### AP Human Geography: Advanced Placement

Course#: 109519  
Grade Level: 9-12  
Prerequisite: None  
Credit for Graduation: SOCIAL SCIENCE  
A-G Approval /Subject Area: YES/A  
NCAA Approved: YES  

This course introduces students to the world’s geographic regions and allows them to relate that knowledge to events in today’s rapidly changing world. Contemporary issues confronting the world today, such as world trade, problems of developing nations, urbanization, environmental pollution, and conservation of the world’s resources are addressed. Students develop certain basic geography skills. These include map reading and place name identification along with the interpretation of charts and diagrams. There will be a focus on the distribution, processes, and effects of human populations on the planet. Units of study included population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in both the United States and locally in California. Internet activities will be used to explore certain topics. As students gain a global perspective of geography, they become increasingly aware of their role as a global citizen today.

### World History

Course #: 109101  
Grade Level: 9-12  
Prerequisite: None  
Credit for Graduation: SOCIAL SCIENCE  
A-G Approval/Subject Area: YES/A  
NCAA Approved: YES  

Why do we have the political and economic system we do? Why “can’t we all just get along”? Studying World History will help you answer these questions...and more! You will study major turning points that shaped the Modern world from the late 18th century to the present, including the cause, course and results of major wars and post-war events. Yes, boys...you will study the WARS!!!!!! 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. How can you turn down such an offer?

### AP World History: Advanced Placement

Course #: 109501  
Grade Level: 9-12  
Prerequisite: None  
Credit for Graduation: SOCIAL SCIENCE  
A-G Approval /Subject Area: YES/A  
NCAA Approved: YES  

Are you interested in earning College Credit...in High School? OHS Social Science Department has a deal for you! AP World History satisfies the ’world history' requirement for graduation as well as offering you the opportunity to earn ‘Advanced Placement’ in college. Whether you pass the AP exam in May or not, it looks VERY positive on your transcripts that you challenged yourself by taking the AP World History class, as opposed to regular World History. In addition, a weighted grade may be earned in this class....boosting your G.P.A. Not only will you learn why and how people settled where they did, developed culture as they did, you will learn study and test-taking skills that will be useful in all classes and test-taking situations. The Oceanside High School social science department recommends that you take all the AP courses you can especially those that take the place of regular graduation requirements.
U.S. HISTORY
Course #: 109201  Grade Level: 11-12
Prerequisite: None
Credit for Graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: YES/A
NCAA Approved: YES

How can you appreciate that you live in the best country in the world if you do not know how we came to be what we are? 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. Remember the warning, “Those who don’t know history are destined to repeat it.” Taking this course is a graduation requirement and an insurance policy that you don’t repeat past mistakes.

AP UNITED STATES HISTORY: ADVANCED PLACEMENT
Course #: 109503  Grade Level: 11-12
Prerequisite: None
Credit for Graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: YES/A
NCAA Approved: YES

Are you interested in possibly earning college credit and a weighted grade while taking a course that satisfies a high school graduation requirement? THEN, ‘APUSH’, as it is fondly referred to at OHS is for you. As an Advanced Placement course, this course is designed to provide you with the analytic 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 advanced placement in college.

AP MACROECONOMICS/AP GOVERNMENT & POLITICS: UNITED STATES (1 SEMESTER EACH)
Course# 109513/109510  Grade level: 12
Prerequisite: None
Credit for graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: Gov YES/A - Econ YES/G
NCAA Approved: Government YES  Economics YES

AP MACROECONOMICS:
Do you want to have your economic future in your hands? Would you like to understand why James Carville, Clinton’s campaign manager, had signs up in EVERY campaign center that read, “It’s the ECONOMY, stupid!” Do you wish our government officials understood this? Did you ever wonder, what’s the economic incentive for excluding homeschooled athletes from school sports? If you get a raise what are the repercussions for the economy? What’s wrong with the following picture? If you are interested in America’s place in the world economy and how that affects your future economic choices, you should enroll in this exciting AP duo...Econ./Gov’t.

AMERICAN GOVERNMENT/ECONOMICS (1 sem each)
Course #: 109301/109302  Grade level: 12
Prerequisite: None
Credit for Graduation: SOCIAL SCIENCE
A-G Approval/Subject Area: YES/A
NCAA Approved: YES
**AP GOVERNMENT: ADVANCED PLACEMENT**

Do you want the opportunity to earn college credit for a required high school graduation course? Then AP Government is for you. As an Advanced Placement course, this course will focus on the various institutions, groups, beliefs, and ideas that constitute United States politics. You will gain an analytical perspective on government and politics in the U.S. both by studying the general concepts used to interpret U.S. politics and by analyzing specific examples. You will learn how to analyze and interpret basic data relevant to U.S. government and politics and will write extensively to perfect your essay writing and critical thinking skills. These skills as well as the content will serve you well in college.

**PSYCHOLOGY**

*Course #: 109411  Grade Level: 10-12*

*Prerequisite: None  Credit for Graduation: ELECTIVE  A-G Approval/Subject Area: YES/G  NCAA Approved: YES*

Would you like to put the puzzle that is you...your personality in many situations and moods, together? Then you will enjoy this course which is a beginning study of the subject of psychology. Some of the topics studied are principles of learning, types of personality, understanding human behavior, patterns of behavior, emotional and behavioral adjustments, group influences, and psychology and society. You will focus on personal growth by applying basic psychology concepts to yourself so you have a better understanding of who you are and how you can relate better to those around you.

**ENGLISH 9**

*Course #: 209101  Grade Level: 9-12*

*Prerequisite: None  Credit for Graduation: English  A-G Approval/Subject Area: YES/B  NCAA Approved: YES*

Students will study reading, writing, language arts, and study skills as well as a variety of world literature. In addition, grammar and mechanics are integrated with the teaching of the writing process. This course is required for graduation and aligns with the California English Language Arts Framework and the California English Language arts Content Standards for grades 9/10.

**ENGLISH 10**

*Course #: 209201  Grade Level: 10-12*

*Prerequisite: None  Credit for Graduation: English  A-G Approval/Subject Area: YES/B  NCAA Approved: Yes*

This required course will provide students with activities in which grammar and mechanics are integrated with the development of the writing process, and the study of literature following the California Language Arts Framework. This course is an extension of the basic skills and concepts introduced in English 9.
ENGLISH 11
Course #: 209301        Grade Level: 11
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.

EXPOSITORY READING AND WRITING (ERWC)
Course #: 209401        Grade Level: 12
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 LANGUAGE & COMPOSITION
Course #: 209501        Grade Level: 11
Prerequisite: "B" or better in Eng 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.

AP ENGLISH LITERATURE & COMPOSITION
Course #: 209503        Grade Level: 12
Prerequisite: "C" or better 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.

ENGLISH LANGUAGE DEVELOPMENT I
Course #: 989101        Grade Level 9-12
Prerequisite: Teacher
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: NO
NCAA Approved: NO

This course is designed to provide students new to English with an introduction to all domains of English proficiency (Listening, 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  
Grade Level 9-12  
Prerequisite: 90% completion of ELD I  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

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

ENGLISH LANGUAGE DEVELOPMENT III 
Course #: 989301  
Grade Level 9-12  
Prerequisite: 90% completion of ELD II  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

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

ACADEMIC LANGUAGE & WRITING EL 
Course #: 209001  
Grade Level 9-12  
Prerequisite: 90% completion of ELD III  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: Yes  
NCAA Approved: NO  

This course was designed for Intermediate and Advanced English language learner. 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, literary, and writing skills necessary to recognize and master various tasks, purposes, audiences, and text types.  

Note: Student will receive 1 year of English credits. If they are enrolled more than one year, they will receive elective credits.

ACADEMIC LANGUAGE & WRITING EL 
Course #: 209001  
Grade Level 9-12  
Prerequisite: 90% completion of ELD III  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: Yes  
NCAA Approved: NO  

This course was designed for Intermediate and Advanced English language learner. 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, literary, and writing skills necessary to recognize and master various tasks, purposes, audiences, and text types.  

Note: Student will receive 1 year of English credits. If they are enrolled more than one year, they will receive elective credits.

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, a 3 year approved course sequence is 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 
Course #: 309033  
Grade Level 9  
Prerequisite: Common Core Math 8  
Credit for Graduation: MATH  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

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. Units are...
designed around big problems worth solving, and intended to motivate students through curiosity. Assessments promote student learning through metacognition, feedback and information on their level of understanding. The classroom is designed as an inclusive environment where students make connections with their personal experiences, other disciplines and other mathematical concepts. 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  Grade Level 9-10
Prerequisite: Common Core Math 8
Credit for Graduation: MATH
A-G Approval/Subject Area: MATH/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 8 of the Common Core Standards of Math Practice.

HIGH SCHOOL MATHEMATICS II
Course #: 309201  Grade Level 9-12
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
Course #: 309211  Grade Level 9-12
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. Topics to be studied more in depth include conic sections, permutations and combinations, unit circle and trigonometric functions, and complex numbers. Math 2+ course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at OHS. 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  Grade Level 9-12
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, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems.
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. Topics to be studied more in depth include matrices, vectors, continuous growth, natural logarithms, trigonometric identities, graphs of inverse trigonometric functions, parametric curves, and polar coordinates. Math III+ course is designed to meet the needs of all learners who endeavor to enroll in Advanced Placement courses at OHS. Access is not limited, but it is recommended that students enrolling have had A or B’s in Math in past years.

*Please note this is a preliminary course description until the final course outline is approved by OUSD

**FINANCIAL ALGEBRA**
Course #: 309021  
Grade Level 10-12

Prerequisite: High School Math II  
Credit for Graduation: MATH  
A-G Approval/Subject Area: YES/C  
NCAA Approved: YES

Financial Algebra with applications is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Advanced Algebra, Probability, Pre-Calculus, and Calculus under seven financial umbrellas: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. This course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The mathematical topics contained in this course are introduced, developed, and applied in an as-needed format in the financial settings covered. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. It provides students a motivating, young-adult centered financial context for understanding and applying the mathematics they are guaranteed to use in the future, and is thusly aligned with the recommendation of the Common Core Standards. Advanced Algebra with Financial Applications builds strength in reasoning and number sense, because the real-world applications demand that solutions make sense. Through contextual problem solving and the mathematical modeling of real situations, the course gives the students the motivation to persevere through routine and non-routine problems, and as a result, develop strength and confidence in their mathematics ability.

**COLLEGE ALGEBRA w/MEDICAL APPLICATIONS**
Course #: 309031  
Grade Level 12

Prerequisite: High School Math II  
Credit for Graduation: MATH  
A-G Approval/Subject Area: YES/C  
NCAA Approved: YES

This discipline complements and expands on the mathematical content and concepts of Algebra II. Students who master Advanced Mathematics/Medical Mathematics will gain experience with algebraic solutions of problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem, and the complex number system. This course is highly recommended for students in the Health Careers Academy.

**DISCRETE MATH**
Course #: 309411  
Grade Level 11-12

Prerequisite: High School Math III/Rec. from teacher to take concurrently with Math III after Math II  
Credit for Graduation: MATH  
A-G Approval/Subject Area: YES/C  
NCAA Approved: Pending

The primary purpose of this course is to advance students’ ability to reason deductively, communicate mathematical ideas fluently, and make connections that will strengthen their foundation for mathematics. This course will leverage students’ existing mathematical understanding and demonstrate how mathematics can be enjoyable and applied to their lives in interesting and meaningful ways. More specifically, this course has four major goals:

1. To help students acquire knowledge of fundamental mathematics (as defined by the Statement of Competencies in Mathematics (Intersegmental Committee of the Academic Senates of the CA Community Colleges, the CSU, and the UC, 2013))
2. To advance students’ ways of thinking, as described in the CCSS Standards for Mathematical Practice, necessary for success in college math, career, and life.

3. To foster students’ mathematical curiosity and to demonstrate how mathematics can solve authentic mathematical problems.

4. To facilitate students’ development of problem-solving skills, while fostering critical thinking within an interesting setting.

MATH ANALYSIS (PRE-CALCULUS)
Course #: 309401  Grade Level 9-12
Prerequisite: High School Math III
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approval: YES

This course is designed to continue the study of mathematics concepts covered in 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  Grade Level 9-12
Prerequisite: C" or better in Math Analysis and/or Pre-Calculus
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approval: 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  Grade Level 9-12
Prerequisite: AP Calculus AB
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approval: YES

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

AP STATISTICS
Course #: 309505  Grade Level 11-12
Prerequisite: Math III
Credit for Graduation: MATH
A-G Approval/Subject Area: YES/C
NCAA Approval: 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.

Students should speak with their current math teacher and refer to the Math Course Flow-chart to determine the appropriate sequence of courses.
Math Course Sequence for Graduating Classes 2018, 2019 and 2020

- Algebraic & Quantitative Analysis**
- High School Math 1*
- High School Math 2 Plus
- High School Math 3 Plus
- AP Calculus A/B
- AP Calculus B/C
- High School Math 2*
- College Algebra with Medical Applications
- AP Statistics
- High School Math 1 Year 1 of 2**
- Not offered in 2018-2019
- High School Math 1 Year 2 of 2
- High School Math 3
- Math Analysis
- Financial Algebra

The 2nd semester grade must be a C or better in order to advance to the next course. A grade of D earns graduation credit, but the student must repeat the course and earn a C or better before enrolling in the next A-G course.

*These courses are a graduation requirement
** This course does not meet A-G requirements.
BIOLOGY
Course #: 409101 Grade Level 9-12
Prerequisite: None
Credit for Graduation: LIFE SCIENCE
A-G Approval/Subject Area: YES/D
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.

AP BIOLOGY
Course #: 409501 Grade Level 10-12
Prerequisite: “B” or better in Bio/Chem Recommended
Credit for Graduation: LIFE 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. Library research, computer data analysis, report writing and in depth laboratory experiments will supplement classroom instruction. This course prepares students for the AP Biology Exam.

BIOCHEMISTRY
Course #: 409401 Grade Level 11-12
Prerequisite: “C” or better in Bio/Chem Recommended
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES

This course is intended for students pursuing a degree in a health-related field or seeking to satisfy general education physical science requirements at a lower division college level. Biochemistry is a rigorous laboratory science course, which will focus on the basic principles of general, organic, and biochemistry as needed to understand the biochemistry, physiology, and pharmacology of the human body. Students will be introduced to a range of chemical concepts including the structure of the atom, properties of gases and solutions, acid-based chemistry, the properties of organic molecules and biological macromolecules. This course is highly recommended for students in the Health Careers Academy.

CHEMISTRY
Course #: 409201 Grade Level 9-12
Prerequisite: None
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. 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. Students develop skills in logical reasoning using oral and written methods of communication.

AP CHEMISTRY
Course #: 409503 Grade Level 11-12
Prerequisite: “C” or better in Chemistry Recommended
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 uses a college level textbook and emphasizes calculations and mathematical formulations of principles. Strong problem solving and communication skills are recommended. Laboratory work is an important component of the course and students are sometimes asked to come in beyond the normal class period to complete lab experiments. Experiments require interpretation of data and calculations with quantitative data. Students develop skills in logical reasoning using oral and written methods of communication. The range of topics prepares students for the AP Chemistry Exam. Students should expect five to seven hours of homework per week.

FORENSIC SCIENCE
Course #: 409305/409315 Grade Level 10-12
Prerequisite: None
Credit for Graduation: INTERDISCIPLINARY (Life/Physical)
A-G Approval/Subject Area: Yes/D
NCAA Approved: YES

Forensic Science is the application of the principles, facts and lab techniques from the fields of chemistry, biology, physics, earth science, anatomy and physiology to analyze interpret evidence within the realm of our legal system. The course includes an introduction to forensic investigation including
analysis of trace evidence (hair, fiber, fingerprints etc.) DNA, blood, bodies, ballistics, toxicology, entomology, botany and anthropology. Students will actively participate in labs and activities relating to the investigation of crime scenes and the analysis of evidence while developing their writing, problem solving and critical thinking skills. In addition, the ethical, legal, and social concerns surrounding forensics will be discussed. This is a mid-level course in the Academy of Justice but is open to all students who wish to enroll.

**KINESIOLOGY**
Course #: 409407  Grade Level 10-12
Prerequisite: None
Credit for Graduation: LIFE SCIENCE
A-G Approval/Subject Area: Yes/D
NCAA Approved: YES

Kinetics is the study of human movement and addresses the physical performance of the human body. Applications of Kinetics to biological sciences, medicine, and health involve the study of biomechanics, orthopedics, musculoskeletal anatomy, neuromuscular physiology, and rehabilitation, such as physical therapy and occupational therapy.

**PHYSICS**
Course #: 409211  Grade Level 9-12
Prerequisite: None
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES

Physics is a college preparatory lab science where students solve problems on motion, forces, energy, waves, electricity, and magnetism. This course is meant for both science and non-science oriented students. Everyday applications and technologies are integrated with the basic concepts first, and computational emphasis next. The laboratory component of the course develops scientific thinking and data collection methods using computers and electronic sensors. Students also develop skills in logical reasoning using oral and written methods of communication. Student should expect two to three hours of homework each week.

**AP PHYSICS 1**
Course #: 409505  Grade Level 10-12
Prerequisite: Enrolled in Math III or higher
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES

AP Physics 1 is an Algebra-Based equivalent of a first-semester college course in physics but it is designed to be taught over a full academic year. This allows AP students to develop deep understanding of the content and to focus on applying their knowledge in labs. The focus will be on multiple representations of motion (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits and students will build their own working electrical device at the end of the year.

**AP PHYSICS 2**
Course #: 409605  Grade Level 10-12
Prerequisite: Enrollment or Completion of Math III & Completion of General Physics or AP Physics 1
Credit for Graduation: PHYSICAL SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES

AP Physics 2 is an Algebra-Based equivalent of a second-semester college course in physics but it is designed to be taught over a full academic year. This allows AP students to develop deep understanding of the content and to focus on applying their knowledge in labs. The focus will be on fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Students will build their own working electrical device at the end of the year.

**INTRO TO GREEN TECHNOLOGY**
Course #: 469202  Grade Level 9-10
Prerequisite: None
Credit for Graduation: PHYSICAL/LIFE SCIENCE
A-G Approval/Subject Area: YES/D
NCAA Approved: YES

The purpose of the Introduction to Green Technology course is to develop student awareness of and skills for career opportunities in sustainable STEM fields. The course was designed to meet the California Career Technical Education Standards for the Energy, Environment, and Utilities (EEU) industry sector and the Energy and Power Technology pathway.

**AP ENVIRONMENTAL SCIENCE**
Course #: 409507  Grade Level 11-12
Prerequisite: Math I/Biology and 1 year of Chemistry or Physics
Credit for Graduation: INTERDISCIPLINARY SCIENCES
A-G Approval/Subject Area: YES/D
NCAA Approved: Pending

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Environmental science 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. It is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science, or to fulfill a basic requirement for a laboratory science and thus free time for taking other courses. AP Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, 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. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

**SPANISH FOR SPANISH SPEAKERS**

Course #: 509001  
Grade Level 9-12  
Prerequisite: Spanish language experience and Teacher Approval  
Credit for Graduation: WORLD LANGUAGE  
Meets a UC/CSU Requirement: YES/E  
NCAA Approved: YES

This course is designed specifically for the student with Spanish language experience. This course is taught entirely in Spanish. As a Language Arts course, it is intended to further develop reading comprehension, as well as composition at an intermediate level. It is a college prep course and fulfills A-G requirements.  

**Note:** Successful completion of this course with a grade of “C” or better will meet OUSD graduation and CSU/UC World Language requirements.

**SPANISH I**

Course #: 509101  
Grade Level 9-12  
Prerequisite: None  
Credit for Graduation: WORLD LANGUAGE  
Meets a UC/CSU Requirement: YES/E  
NCAA Approved: YES

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

**SPANISH II**

Course #: 509201  
Grade Level 9-12  
Prerequisite: Spanish I or Teacher Recommendation  
Credit for Graduation: WORLD LANGUAGE  
A-G Approval/Subject Area: YES/E  
NCAA Approved: YES

Each subsequent level course continues the study of the Spanish language and culture expanding vocabulary and grammar to improve writing skills, speaking skills, listening skills, and reading comprehension skills. Success in each level is dependent upon mastery of content in each previous course level. It is strongly recommended that a grade of C or better is attained in Spanish I to be successful in Spanish II.

**SPANISH III**

Course #: 509301  
Grade Level 9-12  
Prerequisite: Spanish II or Teacher Recommendation  
Credit for Graduation: WORLD LANGUAGE  
A-G Approval/Subject Area: YES/E  
NCAA Approved: YES

This course continues the study of the Spanish language and culture. It is a communication-based course with an emphasis on an authentic exchange of meaning in Spanish. Most class time is used to engage in or practice communicating. This course integrates intermediate and advanced level vocabulary into listening, speaking, reading, and writing Spanish. It also gives students an increased world perspective by learning about the cultures of Spanish speaking countries and making comparisons to their own.

**ADVANCED SPANISH FOR PATIENT CARE**

Course #: 509411  
Grade Level 9-12  
Prerequisite: Spanish 3/Spanish for Span Speakers  
Credit for Graduation: WORLD LANGUAGE  
A-G Approval/Subject Area: YES/E  
NCAA Approved: Pending

Within the context of a fourth-year college preparatory high school Spanish class, students explore how their interests and talents fit into the Patient Care Pathway. Students learn to meet the physical needs of patients efficiently and effectively all the while taking into consideration the cultural components related to patient care that will put the patient at ease and make a more complete diagnosis possible. Students also come to understand, develop and implement workplace norms that meet safety, comportment and legal standards as they relate...
to the medical professions. Additionally, students explore how they might best fit into the realm of medical professions as they select a particular medical profession to explore and in which to seek employment. As a capstone activity, students create a community health project which will demonstrate that they are indeed able to provide excellent patient care in accordance with CTE competency guidelines for patient care while using situationally appropriate, culturally sensitive and grammatically correct Spanish as the means of oral and written communication.

**AP SPANISH LANGUAGE**

Course #: 509501 Grade Level 10-12
Prerequisite: “C” or better in Span III/Span for Span Spkr or Teacher Recommendation
Credit for Graduation: WORLD LANGUAGE
A-G Approval/Subject Area: YES/E
NCAA Approved: YES

AP Spanish Language students will expand 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 prepares students for the AP Spanish Language Exam. The majority of the class is conducted in Spanish with emphasis placed on listening, speaking, reading, and writing practice for the AP test in the spring.

**AP SPANISH LITERATURE**

Course #: 509503 Grade Level 10-12
Prerequisite: None
Credit for Graduation: WORLD LANGUAGE
A-G Approval/Subject Area: YES/E
NCAA Approved: YES

AP Spanish Literature course is intended to be the equivalent of a third-year college Introduction to Hispanic Literature course. It covers selected authors and works from the literature of Spain and Latin America and centers on the skills necessary to analyze literature. This course prepares students for the AP Spanish Literature Exam.

**AMERICAN SIGN LANGUAGE I**

Course #: 509105 Grade Level 9-12
Prerequisite: None
Credit for Graduation: WORLD LANGUAGE
A-G Approval/Subject Area: YES/E
NCAA Approved: YES
Articulated with: Palomar College – ASL 100

This course provides entry level training in American Sign Language. ASL is a two-semester course focusing on the lexicon, grammar, syntax, and both manual and non-manual production strategies. The course stresses knowledge and understanding of deaf culture.

**AMERICAN SIGN LANGUAGE II/III**

Course #: 509205/509305 Grade Level 10-12
Prerequisite: American Sign Language I/II
Credit for Graduation: WORLD LANGUAGE
A-G Approval/Subject Area: YES/E
NCAA Approved: YES
Articulated with: Palomar College – ASL 101

American Sign Language II/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.
Placement Recommendations For Students Enrolling into Spanish Classes

Non Spanish speaking students: New to Spanish

Middle School Spanish 1
(2 years)

Spanish 1
Vocab. Acquisition and basic grammar.

A, B, C, & teacher recommendation

Spanish 2
Vocabulary and Grammar Expansion

A, B, C, & Teacher Recommendation

Spanish 3
Advanced Development of Literacy Skills

A, B, C, & teacher recommendation

AP Spanish Language
College Level Literacy Skills:
Reading, Writing, Speaking, Listening Skills

AP Spanish Literature
Intensive reading, extensive writing and critical analysis.

Very strong students: A, B, C with teacher recommendation at semester or end of year.

Strong students: A, B, C and teacher recommendation.

Advanced Spanish for Patient Care
Vocabulary and Grammar for the Health Sciences and Medical Technology Field

Weak students: C, D with teacher recommendation.

Spanish for Spanish Speakers
For Spanish speaking students who have never had a FORMAL Spanish class.
Social vs. Academic Language, grammar terminology, writing skills, accent rules, basic literature.

Spanish speaking students
ART I
Course #: 609101  Grade Level 9-12
Prerequisite: None
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Art I students will study the elements of art and principles of design. Student projects will include pencil, pen and ink, oil and chalk pastel, tempera, acrylic, and watercolor paint, paper collage and scratch art. This one-year course fulfills the A-G Visual Arts requirement.

ART II/III
Course #: 609201/609301  Grade Level 10-12
Prerequisite: "C" in Art I or Teacher Recommendation
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Art II and III class is an extension of Art I with an in-depth course of study for students interested in drawing and painting. This one-year course fulfills the A-G Visual Arts requirement.

CERAMICS I/II
Course #: 609103/609103  Grade Level 10-12
Prerequisite: None / Teacher Recommendation
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Ceramics I students will study the elements of art and principles of design and how they relate to sculpture. Students will explore clay by creating a variety of projects with an assortment of finish techniques: paints, stains, and glazes. This one-year course fulfills the A-G Visual Arts requirement.

3-D DESIGN & SCULPTURE
Course #: 609401  Grade Level 10-12
Prerequisite: None
Credit for Graduation: VISUAL ARTS

A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Students will work in 3D exploring different materials: wood, metal, fiber, clay and natural materials while focusing on the elements of art and principals of design. This one-year course fulfills the A-G Visual Arts requirement.

FINE WOODWORKING I & II
Course #: 609103/609201  Grade Level 9-12
Prerequisite: None
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Using wood as the primary artistic medium, students will be provided with an in-depth experience in artistic perception, historical and cultural context, and aesthetic valuing. Students will experience creative expression and connections as well as relationships and applications by designing wood furnishings, sculptures, and objects with various forms of wood species.

AP STUDIO ART
Course #: 609507 DRAWING  Grade Level 11-12
609503 2-DIMENSIONAL
609505 3-DIMENSIONAL
Prerequisite: Teacher Recommendation
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

The AP Studio Art class is for the academically talented and highly motivated student. Students will be required to select from one of three portfolios; Drawing, 2-D or 3-D. Students will be required to submit a body of work to the College Board for grading and possible credit with a score of 3 or better. This one-year course fulfills the A-G Visual Arts requirement.

Drawing Portfolio: The drawing portfolio could be many types of paintings and/or drawings, abstract and observational. Students will produce a minimum of 24 artworks.

2-D Portfolio: Students could explore graphic design, digital imaging, photography, collage, fabric design, illustration of a book or comic or an architectural design. Students will produce a minimum of 24 artworks.

3-D Portfolio: The 3-D portfolio might include ceramics, sculpture, architectural models, apparel, fiber arts or metalwork. Students will produce a maximum of 20 artworks.
AP ART HISTORY
Course #: 609501  Grade Level 10-12
Prerequisite: 3.00 or better GPA
Credit for Graduation: VISUAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

This course is equivalent to an introductory college course in art history. No prior experience in the history of art is required. Students will pursue an understanding of architecture, sculpture, painting, and other art forms within a historical and cultural context. Ancient Art, Greek, Roman, European, and American art traditions will constitute the focus of this class. Students will take the AP Art History test in May with possible college credit with a score of 3 or better. This one-year course fulfills the A-G Visual Arts requirement.

Drama I (Introduction to Theater Arts)
Course #: 659101  Grade Level 9-12
Prerequisite: None
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

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 essays and scripts; 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  Grade Level 9-12
Prerequisite: Drama I or Teacher Recommendation
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

This course is designed to introduce to further develop the art of the actor through performance. Each student will continue to 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 theatre. Through reading of the textbook and scripts; writing essays and scripts; design, acting, and lecture, students will have an increased understanding of the theatre world and the performing art as a profession. This class will focus predominantly on the acting and direction aspects of the theatrical world in order to develop an advanced level of proficiency with these areas of performing arts.

Play Production
Course #: 659301  Grade Level 11-12
Prerequisite: Teacher Approval
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

This course is designed to develop and improve the art of the actor through performance and production. Each student will continue to develop a greater appreciation for the aesthetics of the dramatic arts, and criteria of an effective performance, and awareness of the historical influences and contributions of the theatre by producing and performing the school’s theatrical productions.

Concert Band
Course #: 649205  Grade Level 9-12
Prerequisite: Teacher Approval
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

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

Jazz Band
Course #: 649212  Grade Level 9-12
Prerequisite: Teacher Approval
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

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.

String Orchestra
Course #: 649103  Grade Level 9-12
Prerequisite: Teacher Approval
Credit for Graduation: PERFORMING ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

This course provides advanced instrument training and performance opportunities for students of viola, violin, cello, or string bass.
<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Level</th>
<th>Prerequisite</th>
<th>Credit for Graduation</th>
<th>A-G Approval</th>
<th>NCAA Approved</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIND ENSEMBLE</td>
<td>9-12</td>
<td>Teacher Approval</td>
<td>PERFORMING ARTS</td>
<td>YES/F</td>
<td>NO</td>
<td>This course will present appropriate music literature and performance opportunities for advanced high school wind and percussion instrumentalists. <em>Second semester only.</em></td>
</tr>
<tr>
<td>PERCUSSION ENSEMBLE</td>
<td>9-12</td>
<td>Teacher Approval</td>
<td>PERFORMING ARTS</td>
<td>YES/F</td>
<td>NO</td>
<td>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 class are required to meet the University of California “F” requirement. Students are required to participate in all performances and festivals/competitions. <em>Second semester only</em></td>
</tr>
<tr>
<td>GUITAR 1</td>
<td>9-12</td>
<td>None</td>
<td>PERFORMING ARTS</td>
<td>YES/F</td>
<td>NO</td>
<td>Students will present, read and study appropriate music literature for high school guitar instrumentalists. Performances outside of class are required to meet the University of California “F” requirement. Students are required to participate in all performances.</td>
</tr>
<tr>
<td>PAGEANTRY/COLOR GUARD</td>
<td>9-12</td>
<td>Audition and Teacher Approval</td>
<td>PERFORMING ARTS</td>
<td>NO</td>
<td>NO</td>
<td>This course provides training for auxiliary groups of the marching band in various styles of pageantry performance.</td>
</tr>
<tr>
<td>CHORUS</td>
<td>9-12</td>
<td>None</td>
<td>PERFORMING ARTS</td>
<td>YES/F</td>
<td>NO</td>
<td>Chorus performs beginning level literature from various selected eras of musical histories. Chorus provides basic training in the techniques of rehearsal and performance for group singing. This class is a prerequisite for Concert Choir, Chamber Singers and Show Choir. Performances scheduled by the director outside of the school day will be required to fulfill UC and CSU requirements. This course may be repeated for additional credit.</td>
</tr>
<tr>
<td>CONCERT CHOIR</td>
<td>9-12</td>
<td>Audition and Teacher Approval</td>
<td>PERFORMING ARTS</td>
<td>YES/F</td>
<td>NO</td>
<td>This course will emphasize diverse styles of literature from various eras of musical histories and genres, including but not limited to spirituals, gospel, folk music, jazz, Broadway, classical literature, as well as modern pop/rock and rhythm and blues. It will provide training in the techniques of rehearsal and performance for group singing, and skill development in music theory and sight singing. Performances scheduled by the director outside of the school day will be required.</td>
</tr>
<tr>
<td>SHOW CHOIR/DANCE PE</td>
<td>9-12</td>
<td>Audition and Teacher Approval</td>
<td>PERFORMING ARTS/PHYSICAL EDUCATION</td>
<td>YES/F</td>
<td>NO</td>
<td>This course stresses popular styles in singing and dance and will prepare students for show choir performances and competitions. Physical conditioning, coordination, and aptitude for the dance are essential elements of the class and meet the three goals of Visual Arts framework. Choreography, basic terminology, historical and cultural dimensions, as well as vocal and dance performance and analysis will be introduced. This course will promote movement, skill and knowledge, self-image and personal and social growth. Performances outside the school day will be required to fulfill UC and CSU requirements.</td>
</tr>
</tbody>
</table>
Computer Science Discoveries is an introductory course that empowers students to engage with computer science as a medium for creativity, communication, problem solving.

Computer Programming – CTE
Course #: 709107  Grade Level 9-12
Prerequisite: None
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: YES/G
NCAA Approved: NO

This course is designed to teach students the fundamentals of computer programming. Topics covered include variables and data types, methods, decision structures and loops. The emphasis is on structured and object-oriented programming methodology. This course is linked with AP Computer Science A.

AP Computer Science A
Course #: 709501  Grade Level 9-12
Prerequisite: None
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: YES/G
NCAA Approved: NO

This course is designed to build upon the fundamentals of computer programming. The emphasis is on object-oriented programming methodology, problem solving and algorithm development, and is equivalent to a first-semester college course in Computer Science. Topics include arrays, recursion, inheritance, sorting and searching algorithms, and a case study of a complex program.

Graphic Design – CTE
Course #: 609205  Grade Level 9-12
Prerequisite: Digital Literacy or Computer Applications
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: YES/F
Articulated with: Palomar College (GCIP 140)
NCAA Approved: NO

This course provides entry and intermediate level training in computer graphics and design. Some modules can include advanced training and/or specialized curriculums in animation. Students learn basic computer Operations, terminology, peripheral use, and file management/integration. The creative and technical process of project management is taught with an emphasis on concept-to-completion planning.

Photographic Imaging - CTE
Course #: 609105  Grade Level 10-12
Prerequisite: None
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

Canon and Nikon digital cameras are used for class photo assignments on campus. Use the world’s leading image manipulation program, Adobe Photoshop CS6, to change, adjust and collage your photos into stunning digital communications. Photo Assignments include Macro, Portrait, Product and Advertising, Sports, Re-Touching, Humor, Architecture, HRD and more. Students’ award winning work is shown at the annual San Diego County Fair, Oceanside Public Library, on the school website and elsewhere. Class requirements: Basic computer skills, the self-discipline to manage your distractions and the work ethic to focus and successfully complete hands-on project based assignments. Students earning a B or higher in both semesters earn 3 transferable elective units at Palomar College. For more information see http://ohs.oside.us/digitalstudio

3D Computer Animation - CTE
Course #: 609403  Grade Level 11-12
Prerequisite: Digital literacy or Computer Applications
Credit for Graduation: PRACTICAL ARTS
A-G Approval/Subject Area: YES/F
NCAA Approved: NO

From CSI to sports, education, medicine, law, entertainment, etc ... ANIMATION is EVERYWHERE! In this class you team up with others who enjoy learning how to apply creativity to the basics of animation. You create creature heads, chess pieces, logos, text, sound, explosions,
story boards, movies and much more... all moving to the rhythm and design you envision and then create using one of Hollywood's choices for animation - AutoDesk 3ds Max. And... you receive a free 36 month license for 3ds Max 10 a $6500 value! Class requirements: Basic computer skills, the self-discipline to manage your distractions and the work ethic to focus and successfully complete hands-on project based assignments. For more information see http://ohs.oside.us/digitalstudio

**TV, VIDEO & DIGITAL MEDIA – CTE**

**Course #: 659401**  
**Grade Level 11-12**

**Prerequisite: Teacher Approval**

**Credit for Graduation:** PRACTICAL ARTS

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

**Articulated with:** Palomar College (RTV 120)  
NCAA Approved: NO

This course provides entry-level and intermediate training in the creation of video programming, television programming, and the operation of television & video equipment. As part of the OHS Digital Studio, students have the opportunity to work on several editing platforms, with high quality video and audio equipment, and in professional environments on and off campus.

**DEVELOPMENTAL PSYCHOLOGY OF CHILDREN - ABCD**

**Course #: 709109/709209**  
**Grade Level 9-12**

**Prerequisite:** None

**Credit for Graduation:** PRACTICAL ARTS

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

**Articulated with:** Mira Costa College (CHLD 299)  
NCAA Approved: NO

This course provides a comprehensive study of the developmental stages of children from conception through early adolescence. It includes theories, research, and applied strategies related to development: hereditary, environmental, cultural, and socioeconomic factors that influence human behavior and abilities are also addressed. This course focuses on major psychological theories of development, biological stages of development, and cognitive theories of development. In the second year, the course also includes field practicum (off campus in community schools) experiences for observation, interaction, investigation, and application of behavioral and learning theories presented. To earn college credit, all four semesters must be successfully completed.

**STEM TEACH 2 LEARN**

**Course #: 709215**  
**Grade Level 10-12**

**Prerequisite:** Recommended Dev. Psychology of Children 1 or concurrently enrolled with STEM Teach 2 Learn

**Credit for Graduation:** PRACTICAL ARTS

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

**Articulated with:** CSUSM (Pending)

NCAA Approved: NO

Youth Teach 2 Learn (YT2L) curriculum focuses on the teaching practice and developing the knowledge, skills and abilities to become an effective classroom teacher, with a focus on math or science. This class focuses on math. Students engage in many exploratory activities prior to teaching in order to build awareness of different teaching methods and various types of learning styles. The curriculum gives students a chance to experience hands-on learning to gain an understanding of balanced instruction before they develop their own lessons. In-Class activities underscore the challenging and complex criteria that must be considered as a teacher. Students learn backwards mapping techniques, are exposed to a variety of engaging lesson planning, ideas and study current teaching methods, such as using manipulatives and facilitating problem-solving activities. Students have a chance to put these theories into action by teaching the lessons they have developed at a district elementary school(s). At this time, the elementary school we will partner with is Mission Elementary School and the identified grade level is Grades 2 and 3.

**BROADCAST JOURNALISM**

**Course #: 659423**  
**Grade Level 10-12**

**Prerequisite:** Graphic Arts/or 3D Computer Animation/ or TV, Film and Digital Media

**Credit for Graduation:** ELECTIVE

**Meets A-G Approval/Subject area:** Yes/F

NCAA Approved: YES

Broadcast Journalism is a rigorous journalism program width 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 elective class that builds upon writing and reporting skills as well as the advanced 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 behavior. The course will reinforce the importance of effective writing skills, communication skill, time management skills, interpersonal skills, and
problem-solving abilities while working with state-of-the-art technology.

**PUBLICATIONS (YEARBOOK)**
Course #: 809005  
Grade Level 9-12  
Prerequisite: None  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area:  
NCAA Approved: 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.

**PRACTICAL ARTS/ CAREER EDUCATION**

*Academy of Justice*

**INTRODUCTION TO CRIMINOLOGY & JUSTICE - CTE**
Course #: 109401  
Grade Level 9-12  
Prerequisite: None  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: YES/G  
NCAA Approved: YES

This is an introductory course which leads students to a study of either the legal field or law enforcement. Students will learn the foundations of our modern justice system and obtain a basic understanding of criminal procedures, from both the legal standpoint and from an enforcement standpoint. Students learn basic police procedures leading up to a trial, the trial and conviction process, and the basics of our corrections system. Activities include mock crime scene analysis, mock trials, and tours of police stations, correctional facilities, and the County Medical Examiner’s Office.

**FORENSIC SCIENCE**
Course #: 409305/409315  
Grade Level 10-12  
Prerequisite: None

Forensic Science is the application of the principles, facts and lab techniques from the fields of chemistry, biology, physics, earth science, anatomy and physiology to analyze interpret evidence within the realm of our legal system. The course includes an introduction to forensic investigation including analysis of trace evidence (hair, fiber, fingerprints etc.) DNA, blood, bodies, ballistics, toxicology, entomology, botany and anthropology. Students will actively participate in labs and activities relating to the investigation of crime scenes and the analysis of evidence while developing their writing, problem solving and critical thinking skills. In addition, the ethical, legal, and social concerns surrounding forensics will be discussed. This is a mid-level course in the Academy of Justice but is open to all students who wish to enroll.

**FOUNDATIONS OF LAW ENFORCEMENT - CTE**
Course #: 109421  
Grade Level 11-12  
Prerequisite: Introduction to Criminology and Justice  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: YES/G  
NCAA Approved: NO

The Foundations of Law Enforcement course introduces students to the essential concepts, principles and procedures of public safety agencies. The course is designed to provide students with an understanding of how to prepare for a career in law enforcement, various enforcement concepts (such as patrol techniques, crowd control, laws of arrest, search and seizure, etc.), communication (verbal/radio and written/reports), ethical considerations of interacting with the public, the interaction of various national agencies and emergency response. The course involves substantial reading and writing. Students will have various the opportunities to interact/work with law enforcement professionals.

**MEDICAL ASSISTING FOUNDATION/Prep-Therapy-MED OFC -CTE**
Course #: 709013  
Grade Level 10-12  
Prerequisite: Medical Terminology  
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: NO  
NCAA Approved: NO

Topics include: history and development of medicine and medical careers, the role of administrative medical assistant, professional organizations, communication and interpersonal relationships, medical law and ethics, patient interaction, medical records, billing, answering phones, scheduling appointments, cultural awareness. Students earning a grade of "B" or above receive Mira Costa College elective credit (3 credits).

MEDICAL TERMINOLOGY - CTE
Course #: 709113  
Grade Level 9-12
Prerequisite: None
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: Yes/G  
NCAA Approved: NO

Students receive instruction in medical terminology through the means of prefixes, root words and suffixes. Diseases and conditions are related to their appropriate body systems, body structure and functions are discussed.

MEDICAL OCCUPATIONS/FIRST RESPONDER - CTE
Course #: 709115  
Grade Level 12
Prerequisite: Medical Term./Kinesiology recommended
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: Yes/G  
NCAA Approved: NO

This course is for students interested in Fire Fighter, Paramedic, EMT, Doctor, Nurse, Sports Medicine, Life Guarding, medical transcription, hospital admissions, ER clerk, or scheduling and medical records. Red Cross certified. Also includes job skills, community service roles, and career exploration.

INTRODUCTION TO ENGINEERING DESIGN
Course #: 709135  
Grade Level 9 -12
Prerequisite: None
Co-Requisite: Math I, Physics
Credit for Graduation: COLLEGE PREP
A-G Approval/Subject Area: YES/G  
NCAA Approved: NO

Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common engineering design and development protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented.
CIVIL ENGINEERING & ARCHITECTURE
Course #: 709235 Grade Level 10-12
Prerequisite: Intro to Engineering, Physics rec.
Credit for Graduation: COLLEGE PREP
A-G Approval/Subject Area: YES/G
NCAA Approved: NO

Students learn the fundamentals of building design, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Civil Engineering and Architecture (CEA) is a high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common design and development protocols such as project management and peer review. Students will develop skill in engineering calculations, technical representation and documentation of design solutions according to accepted technical standards and use of current 3D architectural design and modeling software to represent and communicate solutions. The course requires a rigorous pace, and it is likely to contain more material than a skilled teacher new to the course will be able to complete in the first iteration. Building enthusiasm for and a real understanding of role, impact, and practice of civil engineering and architecture as it relates to building design and development is a primary goal of the course.

PRACTICAL ARTS/CAREER TECHNICAL EDUCATION

Environmental Sciences

INTRO TO GREEN TECHNOLOGY
Course #: 469202 Grade Level 9-10
Prerequisite: None
Credit for Graduation: PHYSICAL/LIFE SCIENCE
Approval/Subject Area: Pending
NCAA Approved: Pending

The purpose of the Introduction to Green Technology course is to develop student awareness of and skills for career opportunities in sustainable STEM fields. The course was designed to meet the California Career Technical Education Standards for the Energy, Environment, and Utilities (EEU) industry sector and the Energy and Power Technology pathway.

AP ENVIRONMENTAL SCIENCE
Course #: 409507 Grade Level 11-12
Prerequisite: Math I/Biology and 1 year of Chemistry or Physics
Credit for Graduation: PHYSICAL SCIENCE
Approval/Subject Area: Pending
NCAA Approved: Pending

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Environmental science 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. It is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science, or to fulfill a basic requirement for a laboratory science and thus free time for taking other courses. AP Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, 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. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

G – GENERAL ELECTIVES

ASB (STUDENT GOVERNMENT)
Course #: 809001 Grade Level 9-12
Prerequisite: Elected Office or Teacher Rec.
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: NO
NCAA Approved: 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 Oceanside High School.
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: NO
NCAA Approved: NO

The Library Science Aide course is designed to give the student experience in the field of library science and operation. Students will learn research strategies and learn to evaluate and integrate information and ideas found in print, media, and digital resources. Students will become familiar with the functions of a library and assist other students in using the library. Students will be instructed in the access and organization of information using the Dewey Decimal System. Students will be assigned duties related to circulation procedures, processing of periodicals, shelving and shelf reading, general filing, material processing, use of computer, and operation and care of media equipment.

PEER TUTOR
Course #: 809027
Prerequisite: 3.5 GPA or higher & Content knowledge
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: NO
NCAA Approved: 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 is then 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.

ROTC
Course #: 809007
Prerequisite: None
Credit for Graduation: ELECTIVE
A-G Approval/Subject Area: 1st year-elective/G-10-12
NCAA Approved: 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, marksmanship, leadership, physical fitness, and financial management.

Note: 9th grade ROTC will count as a Non A-G elective, Grade 10-12 ROTC will count towards A-G College Prep G elective if one year of ROTC has been completed in previous school year(s).
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.

**SPECIAL EDUCATION**

**LIFE SKILLS** – Per IEP Teacher Recommendation
Course #: 909009  
Grade Level: 9-12  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

Our life skills-based instruction classes offer a wide variety of learning opportunities to enable students to effectively deal with the demands and challenges of everyday life. Social skills, problem-solving skills, reading, math, money management, self-awareness, and interpersonal skills are all integrated in these courses.

**INDIVIDUAL READING/READ 180** – Per IEP Teacher Recommendation (Mainstream & SpEd)
Course #: 909921  
Grade Level: 9-12  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

The purpose of this intervention course is to support students’ reading and writing development. Students work with a consistent instructional model where they learn direct reading strategies in whole-group instruction, and they rotate through three groups each day: small-group instruction, an instructional software, and modeled and independent reading.

**ENGLISH ESSENTIALS** – Per IEP Teacher Recommendation
Course #: 909929  
Grade Level: 9-12  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

This course is designed for students to learn functional reading and writing skills that will be beneficial for them in the future. Students will engage in a variety of English language arts tasks that will help prepare them to fill out documents, etc. in the real world.

**ACADEMIC SUPPORT LEARNING CENTER (ASLC)** – Per IEP Teacher Recommendation
Course #: 909001/909005  
Grade Level: 9-12  
Credit for Graduation: ELECTIVE  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

Our ASLC classes offer students organizational and instructional strategies to help them be successful in all of their academic classes. Students receive help with English, math, science, and history homework while also receiving pre-teaching and/or re-teaching for their academic courses.

**PHYSICAL EDUCATION**

The Physical Education curriculum offers a wide variety of courses to meet student needs and interests. The state standards are emphasized in all courses. Team, group, and individual opportunities exist as students develop physical skills, personal fitness, and positive social interaction in a cooperative environment.

**P.E. 9A (APPLIED FITNESS CONCEPTS)**
Course #: 979101  
Grade Level: 9  
Prerequisite: None  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: 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. **This course is required for graduation.**

**BODY DYNAMICS**
Course #: 979011  
Grade Level: 9-12  
Prerequisite: PE 9A  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

This course will allow students to develop fitness, muscular strength and endurance utilizing resistance exercises and aerobic activities.
TEAM SPORTS  
Course #: 979105  
Grade Level 9-12  
Prerequisite: None  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: 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.

WEIGHT TRAINING  
Course #: 979201  
Grade Level 9-12  
Prerequisite: PE 9A  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

The course will allow the students to develop a personal total body fitness program. This program will be the foundation for developing and achieving lifetime fitness goals. The student will be introduced to the major muscle groups and learn their names, functions and appropriate training techniques and methods. The course will promote the development of movement skills, knowledge, self-image, fitness, and personal and social growth.

SURF PE  
Course #: 979205  
Grade Level 10-12  
Prerequisite: P.E. 9A & Swim competency pretest  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

Through surfing and body boarding, this course will provide students an opportunity to learn stroke mechanics, water safety and water conditions in an ocean environment. Although applicable skill development will be the primary goal of this course, other areas such as movement skills, knowledge of body movement in water, self-image, and personal and social growth will be promoted.

ADVANCED SPORTS SKILLS  
Course #: 979401-979406  
Grade Level 9-12  
Prerequisite: P.E. 9A  

Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  

This course is designed to develop and train individual and team related sport 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 sport activities at an accelerated or 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, soccer, basketball, softball, baseball, volleyball, and football. Each activity taught will be full semester in length to maximize comprehensive educational experiences, keeping in compliance with state framework guidelines. This course will promote the development of movement, skill and knowledge, self-image and personal and social growth.

MARCHING BAND PE  
Course #: 979405  
Grade Level 9-12  
Prerequisite: Teacher Approval  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: NO  

This course is designed to train the Marching Band in movement skills and endurance to perform in a high energy field show. The development of leadership and teamwork will be stressed. Students will be required to participate in rehearsals, activities, and performances outside of the regular school day. First semester only.
**ROTC DRILL/PE**

Course #: 979001  
Grade Level: 9-12  
Prerequisite: None  
Credit for Graduation: PHYSICAL EDUCATION  
A-G Approval/Subject Area: NO  
NCAA Approved: NO

For those cadets who desire to participate in extracurricular activities, the Marine Corps JROTC offers activities involving drill team, color guard, and an air rifle team.

**SHOW CHOIR/DANCE PE**

Course #: 649001  
Grade Level: 9-12  
Prerequisite: Audition and Teacher Approval  
Credit for Graduation: PE/Performing Arts  
A-G Approval/Subject Area: YES/F  
NCAA Approved: NO

This course stresses popular styles in singing and dance and will prepare students for show choir performances and competitions. Physical conditioning, coordination, and aptitude for the dance are essential elements of the class and meet the three goals of Visual Arts framework. Choreography, basic terminology, historical and cultural dimensions, as well as vocal and dance performance and analysis will be introduced. This course will promote movement, skill and knowledge, self-image and personal and social growth. Performances outside the school day will be required to fulfill UC and CSU requirements.
### ATHLETICS / PERFORMING ARTS

<table>
<thead>
<tr>
<th><strong>Fall</strong></th>
<th><strong>Winter</strong></th>
<th><strong>Spring</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
<td>Basketball (Boys)</td>
<td>Baseball</td>
</tr>
<tr>
<td>Cross Country (Boys)</td>
<td>Basketball (Girls)</td>
<td>Softball (Girls)</td>
</tr>
<tr>
<td>Cross Country (Girls)</td>
<td>Soccer (Boys)</td>
<td>Swimming (Girls)</td>
</tr>
<tr>
<td>Volleyball (Girls)</td>
<td>Soccer (Girls)</td>
<td>Swimming (Boys)</td>
</tr>
<tr>
<td>Water Polo (Boys)</td>
<td>Water Polo (Girls)</td>
<td>Track/Field (Girls)</td>
</tr>
<tr>
<td>Golf (Girls)</td>
<td>Wrestling</td>
<td>Track/Field (Boys)</td>
</tr>
<tr>
<td>Tennis (Girls)</td>
<td>Dance</td>
<td>Golf (Boys)</td>
</tr>
<tr>
<td>Marching Band/Color Guard</td>
<td>Marching Band/Color Guard</td>
<td>Drum Line/Color Guard</td>
</tr>
<tr>
<td>Jazz Band</td>
<td>Jazz Band</td>
<td>Jazz Band</td>
</tr>
<tr>
<td>Orchestra</td>
<td>Orchestra</td>
<td>Orchestra</td>
</tr>
<tr>
<td>Concert Band</td>
<td>Concert Band</td>
<td>Concert Band</td>
</tr>
<tr>
<td>Chorus/Concert Choir</td>
<td>Wind Ensemble</td>
<td>Wind Ensemble</td>
</tr>
<tr>
<td>Dance</td>
<td>Chorus/Concert Choir</td>
<td>Chorus/Concert Choir</td>
</tr>
<tr>
<td>Show Choir</td>
<td>Show Choir</td>
<td>Show Choir</td>
</tr>
<tr>
<td>Drama/Play Production</td>
<td>Drama/Play Production</td>
<td>Drama/Play Production</td>
</tr>
</tbody>
</table>

*Student athletes should follow the recommended sequence of courses described in the sample 4-year plan for meeting NCAA Division 1 and Division 2 eligibility requirements (page 43).*

### Clubs

Chess Club  
Edible Environment  
Green Machine  
Marvel Club  
Pirate Pics  
Robotics  
Rock the Runway  
Saturday Scholars  
Surf Club
## Sample 4-year Plan for Oceanside High School

<table>
<thead>
<tr>
<th>Minimum Requirements for UC/CSU</th>
<th>Competitively Eligible Requirements for UC/CSU</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>1st Semester</strong></td>
<td><strong>2nd Semester</strong></td>
</tr>
<tr>
<td><strong>9th Grade</strong></td>
<td><strong>9th Grade</strong></td>
</tr>
<tr>
<td>English 9</td>
<td>Human Geography</td>
</tr>
<tr>
<td>Human Geography</td>
<td>Math I</td>
</tr>
<tr>
<td>Math I</td>
<td>Science</td>
</tr>
<tr>
<td>Science</td>
<td>PE Choice or PE9A</td>
</tr>
<tr>
<td>Elective Choice</td>
<td>Elective Choice</td>
</tr>
<tr>
<td><strong>10th Grade</strong></td>
<td><strong>10th Grade</strong></td>
</tr>
<tr>
<td>English 10</td>
<td>World History</td>
</tr>
<tr>
<td>World History</td>
<td>World Language I</td>
</tr>
<tr>
<td>World Language I</td>
<td>Math II</td>
</tr>
<tr>
<td>Math II</td>
<td>Science</td>
</tr>
<tr>
<td>Science</td>
<td>PE Choice</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td><strong>11th Grade</strong></td>
</tr>
<tr>
<td>English 11</td>
<td>U.S. History</td>
</tr>
<tr>
<td>U.S. History</td>
<td>Math III</td>
</tr>
<tr>
<td>Math III</td>
<td>World Language II</td>
</tr>
<tr>
<td>World Language II</td>
<td>VPA Choice “F”</td>
</tr>
<tr>
<td>VPA Choice “F”</td>
<td>Elective Choice</td>
</tr>
<tr>
<td>Elective Choice</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>12th Grade</strong></td>
<td><strong>12th Grade</strong></td>
</tr>
<tr>
<td>English 12</td>
<td>Economics</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>College Algebra</td>
</tr>
<tr>
<td>College Algebra</td>
<td>or Math Analysis</td>
</tr>
<tr>
<td>or Math Analysis</td>
<td>CP Elective “G”</td>
</tr>
<tr>
<td>CP Elective “G”</td>
<td>Elective Choice</td>
</tr>
<tr>
<td>Elective Choice</td>
<td>Elective Choice</td>
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<tr>
<td>Elective Choice</td>
<td>Elective Choice</td>
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</tbody>
</table>

VPA = Visual & Performing Arts  CP = College PREP  BOLD = “A-G” Courses  Underlined = Graduation Requirements
Complete the following to assist yourself in making sure that you are on-track to graduate at the appropriate time

<table>
<thead>
<tr>
<th>OUSD requirements</th>
<th>CSU/UC</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A - Social Studies:</strong> Human Geography, World History; US History; Gov/Econ</td>
<td>2 years</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>B - English:</strong> English 9; English 10; English 11; Expos Reading &amp; Writing</td>
<td>4 years</td>
<td></td>
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</tr>
<tr>
<td><strong>C – Math:</strong> Math I; Math II; additional year</td>
<td>3 years: CSU thru Alg II/Math III; UC 4 years w/Sr. yr req</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>D - Science:</strong> (1year w/lab) Life Science; Physical Science</td>
<td>2 years w/lab; UC 3 years recommended</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>E - World Language:</strong> 2 years same language for A,G</td>
<td>2 years minimum; 3 years recommended</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>F – Arts:</strong> 1 year Visual, Performing or Practical Arts</td>
<td>1 year same course; Visual or Performing Arts only</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>G – Electives:</strong> MUST include one year-long college prep elective</td>
<td>1 year from areas above</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education:</strong> 20 credits including PE 9A; pass 5 P.E. tests</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Health Competency (HIV):</strong> online (zero credits) or Contemporary Living</td>
<td>N/A Or off campus class</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL CREDITS: 220</strong></td>
<td><strong>15 Core Units</strong></td>
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</tr>
</tbody>
</table>
NCAA Division I 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 (see Page No. 2).
  - 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.

Core 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.
- 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 A (see Page No. 2).
  - 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 (see Page No. 2).

DIVISION I

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.

Core -Course Requirement (16)
- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016

Academic Redshirt Requirements
*Athletics aid, practice, and competition
- 16 core courses (ten [10] core courses completed before the start of seventh semester. Seven [7] of the 10 must be in English, math or natural/physical science.
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
- Graduate from high school.
INFORMATION REGARDING COLLEGE ADMISSION TEST REQUIREMENTS
SAT or ACT results are required for admission to most 4-year colleges and universities.

How to prepare for the SAT or ACT:
- Challenge yourself throughout high school by taking rigorous courses
- Sign up online for practice test questions at www.collegeboard.com and www.ACTstudent.org
- Read and write as much as possible – both in and outside of school.

<table>
<thead>
<tr>
<th>SAT 2019-2020</th>
<th>ACT 2019-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT TEST</td>
<td>ACT TEST</td>
</tr>
<tr>
<td>SCORE</td>
<td>SCORE</td>
</tr>
<tr>
<td>Reading</td>
<td>English</td>
</tr>
<tr>
<td>Writing</td>
<td>Math</td>
</tr>
<tr>
<td>Math</td>
<td>Reading</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
</tr>
<tr>
<td>Composite</td>
<td>Composite</td>
</tr>
</tbody>
</table>

**TESTING INFORMATION**
- **TEST DATES**
- **REGISTRATION DEADLINE**
- **SCORING INFORMATION**
- **SAT vs. ACT**

**How often is it administered?**
- SAT: Seven times per year
- ACT: Six times per year

**What is the test structure?**
- **SAT**
  - Ten-section exam: 3 Critical Reading, 3 Math, 3 Writing, and 1 Experimental; the Experimental section is masked to look like a regular section.
- **ACT**
  - Five-section exam: English, Math, Reading, Science, and Writing (optional); the Experimental section is added to tests on certain dates only, and is clearly experimental.

**What is the test content?**
- **SAT**
  - Math: up to 9th-grade basic geometry and 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.
- **ACT**
  - Math: up to trigonometry
  - Science: charts, experiments
  - Reading: four passages, one each of Prose Fiction, Social Science, Humanities, and Natural Science
  - English: stresses grammar
  - Writing: an essay

**Is there a penalty for wrong answers?**
- **SAT**: No
- **ACT**: No

**Are all scores sent to schools?**
- **SAT**: Yes. If a student requests a score report be sent to specific colleges, the report will include the scores the student received on every SAT taken.
- **ACT**: No. There is a “Score Choice” option. Students can choose which schools will receive their scores AND which scores the school will see.

**Are there other uses for the exams?**
- **SAT**: Scholarship purposes
- **ACT**: Certain statewide testing programs
# IMPORTANT INTERNET SITES FOR HIGH SCHOOL STUDENTS

## College Information/ Testing Information

<table>
<thead>
<tr>
<th>College Searches and Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All About College</strong></td>
<td><a href="http://www.allaboutcollege.com">www.allaboutcollege.com</a></td>
</tr>
<tr>
<td><strong>California Colleges</strong></td>
<td><a href="http://www.californiacolleges.edu">www.californiacolleges.edu</a></td>
</tr>
<tr>
<td><strong>College Board</strong></td>
<td><a href="http://www.collegeboard.com">www.collegeboard.com</a></td>
</tr>
<tr>
<td><strong>Fast Web</strong></td>
<td><a href="http://www.fastweb.com">www.fastweb.com</a></td>
</tr>
<tr>
<td><strong>Cappex</strong></td>
<td><a href="http://www.cappex.com/">http://www.cappex.com/</a></td>
</tr>
<tr>
<td><strong>Petersons – Colleges and Universities</strong></td>
<td><a href="http://www.petersons.com/ugrad">www.petersons.com/ugrad</a></td>
</tr>
<tr>
<td><strong>Princeton Review</strong></td>
<td><a href="http://www.princetonreview.com">www.princetonreview.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College Applications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>California State Universities</strong></td>
<td><a href="http://www.calstate.edu/apply">www.calstate.edu/apply</a></td>
</tr>
<tr>
<td><strong>University of California</strong></td>
<td><a href="http://www.universityofcalifornia.edu/admissions">www.universityofcalifornia.edu/admissions</a></td>
</tr>
<tr>
<td><strong>UC Personal Statement</strong></td>
<td><a href="http://www.uga.berkeley.edu/apa/personalstatement">www.uga.berkeley.edu/apa/personalstatement</a></td>
</tr>
</tbody>
</table>

## Career Search and Job Training

<table>
<thead>
<tr>
<th>Career Search and Job Training</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Career Info Net</strong></td>
<td><a href="http://www.acinet.org">www.acinet.org</a></td>
</tr>
<tr>
<td><strong>Occupational Outlook Handbook</strong></td>
<td><a href="http://www.bls.gov/oco/home.htm">www.bls.gov/oco/home.htm</a></td>
</tr>
<tr>
<td><strong>Volunteer Info</strong></td>
<td><a href="http://www.volunteermatch.org">http://www.volunteermatch.org</a></td>
</tr>
</tbody>
</table>

## Independent Study

<table>
<thead>
<tr>
<th>Independent Study</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brigham Young University</strong></td>
<td><a href="http://ce.byu.edu/is/site/">http://ce.byu.edu/is/site/</a></td>
</tr>
</tbody>
</table>

## Financial Aid Information

<table>
<thead>
<tr>
<th>Financial Aid Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fast Web</strong></td>
<td><a href="http://www.fastweb.com/">www.fastweb.com/</a></td>
</tr>
<tr>
<td><strong>Federal Student Aid</strong></td>
<td><a href="http://www.ed.gov/studentaid">www.ed.gov/studentaid</a></td>
</tr>
<tr>
<td><strong>Fin Aid</strong></td>
<td><a href="http://www.finaid.org">www.finaid.org</a></td>
</tr>
<tr>
<td><strong>Free Application for Federal Student Aid</strong></td>
<td><a href="http://www.fafsa.ed.gov">www.fafsa.ed.gov</a></td>
</tr>
<tr>
<td><strong>Free Application for Federal Student Aid – PIN Number Application</strong></td>
<td><a href="http://www.pin.ed.gov">www.pin.ed.gov</a></td>
</tr>
<tr>
<td><strong>Merit Aid</strong></td>
<td><a href="http://www.meritaid.com/">http://www.meritaid.com/</a></td>
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</tbody>
</table>

## Athletics

<table>
<thead>
<tr>
<th>Athletics</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>NCAA</strong></td>
<td><a href="http://www.eligibilitycenter.org">www.eligibilitycenter.org</a></td>
</tr>
<tr>
<td><strong>NAIA</strong></td>
<td><a href="http://www.naia.org">www.naia.org</a></td>
</tr>
</tbody>
</table>

## Testing Sites

<table>
<thead>
<tr>
<th>Testing Sites</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>ACT Tests</strong></td>
<td><a href="http://www.act.org">www.act.org</a></td>
</tr>
<tr>
<td><strong>SAT Reasoning and Subject Tests</strong></td>
<td><a href="http://www.collegeboard.com">www.collegeboard.com</a></td>
</tr>
</tbody>
</table>
The College & Career Center is a great place to get FREE assistance for college & career planning for all OHS students.

**Visit the Career Center!**

Students are encouraged to visit the 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?**

<table>
<thead>
<tr>
<th>Services Provided:</th>
<th>Information &amp; Assistance with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Counseling</td>
<td>Scholarships</td>
</tr>
<tr>
<td>Career Assessments</td>
<td>Apprenticeships</td>
</tr>
<tr>
<td>Career Speakers</td>
<td>Military Branches</td>
</tr>
<tr>
<td>Career Shadow Days</td>
<td>Community Service &amp; Internships</td>
</tr>
<tr>
<td>College Planning</td>
<td>Volunteer Opportunities</td>
</tr>
<tr>
<td>College Application Workshops</td>
<td>Resumes &amp; Brag Sheets</td>
</tr>
<tr>
<td>College Fairs</td>
<td>College Essays</td>
</tr>
<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: Marissa Foreman Career Guidance Tech: marissa.foreman@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 weekly 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

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

TRiO/Talent Search
TRiO/Talent Search is a federally funded program through the U.S. Department of Education and in collaboration with California State University San Marcos, Oceanside High School and El Camino High School.

TRiO/Talent Search (TS) is a FREE academic preparation program designed to assist 9th-12th grade students in developing the skills necessary to ensure academic success. TRiO/TS seeks to identify and assists students who have the potential to succeed in higher education and ensure all our participants graduate high school, enroll in and complete their postsecondary education.

Applications available in the Career Center!

<table>
<thead>
<tr>
<th>Services Provided Include</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Advising</td>
</tr>
<tr>
<td>Transcript Evaluations</td>
</tr>
<tr>
<td>Career Assessments</td>
</tr>
<tr>
<td>Exposure to College Campuses</td>
</tr>
<tr>
<td>Assistance in Completing Admissions</td>
</tr>
<tr>
<td>Applications &amp; Financial Aid Applications</td>
</tr>
</tbody>
</table>

For additional information contact: Brenda Aguilar Academic Advisor: 760.750.4013 baguilar@csusm.edu

CSUSM TRiO/Upward Bound
Upward Bound is a federally-funded TRiO grant program through the U.S. Department of Education. UB provides fundamental support to 9th – 12th grade participants in their preparation for college. The goal of UB is to increase the rate at which participants complete secondary education and enroll in and graduate from institutions of postsecondary education. For more information, please contact us:

Lia Mauga
Director
lmauga@csusm.edu
(760) 750-4013

Brenda Aguilar
Academic Advisor
baguilar@csusm.edu
(760) 750-6063