

2026–27

El Dorado Union High School District

# COURSE DIRECTORY



[www.eduhsd.net](http://www.eduhsd.net)

530-622-5081

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## A letter from the Superintendent

Dear Parents and Guardians:

The Course Directory is published annually to provide you with the most accurate and up-to-date information that you and your student will need throughout his/her high school career.

This directory includes brief course descriptions as well as information on graduation requirements, college entrance information, and a 4-year planning guide to assist you in determining the best course of action that suits your student's academic interest.

If you have additional questions after perusing this directory, please contact your student's counselor for the best source of information.

We take a great deal of pride in the success of our students within our District and getting them, along with their parents, as much academic information as possible along the way is a fundamental goal of ours. There are many outstanding programs and pathways in place for students to experience on their journey towards graduation. It is our goal that all students attending our schools receive the necessary support and instruction to help them be college and/or career ready when they walk across the stage at graduation.

The education of our high school students is a partnership among parents, our schools, and communities. We look forward to working with you in this partnership.

Sincerely,

Mike Kuhlman  
Superintendent

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The El Dorado Union High School District prohibits discrimination, intimidation, harassment (including sexual harassment) and bullying based on a person's actual or perceived ancestry color, disability, gender, gender identity, gender expression, immigration status, 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. The EDUHSD nondiscrimination policy applies to any violations as they relate to school activities or school attendance within a school under the jurisdiction of the superintendent of the EDUHSD. For questions or complaints, contact Title IX Coordinator, Tony DeVille, Deputy Superintendent, Human Resources, [tdeville@eduhsd.net](mailto:tdeville@eduhsd.net), 530-622-5081 ext. 7251. For questions or inquiries related to Title II, ADA, Section 504, contact Pamela Bartlett, Senior Director of Student Success, [pbartlett@eduhsd.net](mailto:pbartlett@eduhsd.net), 530-622-5081 ext. 7253. The address for both parties is 4675 Missouri Flat Road, Placerville, CA 95667.

# [ DISTRICT DIRECTORY ]

## DISTRICT OFFICE

### BOARD OF TRUSTEES

Timothy M. Cary  
David J. Del Rio  
Brooke B. Van Komen  
Lori M. Veerkamp  
Jessica K. Rodgers

### BOARD MEETINGS

5:30 p.m. one Tuesday most months in the District Office Boardroom, unless otherwise specified. Refer to the District website at <https://www.eduhsd.k12.ca.us/Board-of-Trustees/Board-Meeting-Dates> for the latest information.

### DISTRICT OFFICE

4675 Missouri Flat Road  
Placerville, CA 95667

TEL (530) 622-5081 or (916) 933-5165  
FAX (530) 622-5087  
Website: [www.eduhsd.k12.ca.us](http://www.eduhsd.k12.ca.us)

### ADMINISTRATION

Mike Kuhlman—Superintendent

### BUSINESS AND OPERATIONS SERVICES

Robert Whittenberg—Assistant Superintendent  
Kandace Page—Director, Fiscal Services  
Grayson Silva—Director, Transportation  
Jason King—Director, Information Technology

### EDUCATIONAL SERVICES, TESTING, ROP AND CAREER TECHNICAL EDUCATION

Leslie Redkey—Assistant Superintendent

### HUMAN RESOURCES

Tony DeVille—Deputy Superintendent

### STUDENT SERVICES AND INNOVATION, STUDENT SUCCESS

Chuck Palmer—Senior Director, Student Services and Innovation  
Pam Bartlett—Senior Director, Student Success and 504

## COMPREHENSIVE HIGH SCHOOLS

### EL DORADO HIGH SCHOOL

Elizabeth Sisson, Principal  
561 Canal Street  
Placerville, CA 95667

TEL (530) 622-3634  
FAX (530) 622-1802  
Website: <http://cougar.eduhsd.k12.ca.us>

### OAK RIDGE HIGH SCHOOL

Aaron Palm, Principal  
1120 Harvard Way  
El Dorado Hills, CA 95762

TEL (530) 677-4402 or (916) 933-6980  
FAX (916) 933-6987  
Website: <http://www.orhsonline.com>

### PONDEROSA HIGH SCHOOL

Jeremy Hunt, Principal  
3661 Ponderosa Road  
Shingle Springs, CA 95682

TEL (530) 677-2281 or (916) 933-1777  
FAX (530) 677-2299  
Website: <http://bruin.eduhsd.k12.ca.us>

### UNION MINE HIGH SCHOOL

Paul Neville, Principal  
6530 Koki Lane  
El Dorado, CA 95623

TEL (530) 621-4003  
FAX (530) 622-6034  
Website: <http://umhs.eduhsd.k12.ca.us>

## CHARTER SCHOOL / ALTERNATIVE EDUCATION SCHOOLS / ROP PROGRAM

### PACIFIC CREST ACADEMY

Amanda Petersen—Director,  
Educational Options and Innovations  
6540 Koki Lane  
El Dorado, CA 95623

TEL (530) 622-6212  
FAX (530) 622-1071  
Website:  
<http://pacificcrest@eduhsd.k12.ca.us>

### INDEPENDENCE CONTINUATION HIGH SCHOOL

Jennifer Myers—Principal, Alternative Education  
385 Pleasant Valley Road  
Diamond Springs, CA 95619

TEL (530) 622-7090  
FAX (530) 642-2291  
Website: <http://ihs.eduhsd.k12.ca.us>

### CENTRAL SIERRA REGIONAL OCCUPATIONAL PROGRAM (ROP)

Leslie Redkey—Assistant Superintendent  
4675 Missouri Flat Road  
Placerville, CA 95667

TEL (530) 622-5081, ext. 7233 or 7239 or Direct (530) 621-0123, ext. 7239  
FAX (530) 642-0287  
Website:  
<http://cte.eduhsd.k12.ca.us/>

## [ ONLINE RESOURCES ]

### Applying for College and Financial Aid

#### How to prepare for a CSU

[www2.calstate.edu/apply/Pages/high-school-students.aspx](http://www2.calstate.edu/apply/Pages/high-school-students.aspx)

Admission requirements for each California State University campus, financial aid options, and online application.

#### CSU How to get to College

[www.calstate.edu/college](http://www.calstate.edu/college)

A California State University step-by-step guide for getting to a 4-year university.

#### University of California Admissions

[www.universityofcalifornia.edu/admissions](http://www.universityofcalifornia.edu/admissions)

Admission requirements, scholarship opportunities, dates and deadlines, information on each campus, and online application.

#### University of California ELC Program

[www.ucop.edu/enrollment-services](http://www.ucop.edu/enrollment-services)

University of California Eligibility Local Context Program. One of three paths to freshman eligibility to University of California, along with Eligibility in the Statewide Context and Eligibility by Examination Alone.

#### Association of Independent California

[www.aiccu.edu](http://www.aiccu.edu)

Research private colleges in California, school comparisons, online mentor program.

#### FAFSA Federal Student Aid

[www.studentaid.gov](http://www.studentaid.gov)

Information on applying for federal and state financial aid. Start by creating an FSA ID at: <https://fsaid.ed.gov/npas/index.htm>

#### California Dream Act Application

<https://dream.csac.ca.gov/>

The California Dream Act Application (CADDAA) is for undocumented students who may still qualify for state financial aid.

#### California Student Aid Commission

[www.csac.ca.gov](http://www.csac.ca.gov)

California Student Aid Commission website offering information on financial aid options through the state.

#### CaliforniaColleges.edu

[californiacolleges.edu](http://californiacolleges.edu)

California's official college and career planning platform. Lessons and tools help students discover goals for life after high school, make plans to achieve them, and launch their futures.

#### College Board

[www.collegeboard.org](http://www.collegeboard.org)

Information about applying to college (calendars and action plans), financial aid, registering for the SAT, comparing schools.

#### El Dorado County Student Scholarships

[scholarships.edcoe.org](http://scholarships.edcoe.org)

Local scholarship website that lists over 200 scholarships available specifically to El Dorado County students.

### Applying for Community College and Financial Aid

#### Los Rios Community College District

[www.losrios.edu](http://www.losrios.edu)

##### Campuses:

American River College:

[www.arc.losrios.edu/](http://www.arc.losrios.edu/)

Cosumnes River College:

[www.crc.losrios.edu/](http://www.crc.losrios.edu/)

Folsom Lake College:

[www.flc.losrios.edu/](http://www.flc.losrios.edu/)

Sacramento City College:

[www.scc.losrios.edu/](http://www.scc.losrios.edu/)

#### Sierra Community College

[www.sierracollege.edu/](http://www.sierracollege.edu/)

#### Lake Tahoe Community College

[www.ltcc.edu](http://www.ltcc.edu)

#### Community Colleges outside the

Sacramento Area

[www.cccco.edu](http://www.cccco.edu)

#### I Can Afford College

[www.icanaffordcollege.com](http://www.icanaffordcollege.com)

A community college website focusing on financial aid

### Other Important Resources

#### NCAA eligibility information for student-athletes

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

#### National Association of Intercollegiate Athletics Clearinghouse for NAIA schools

[www.playnaia.org](http://www.playnaia.org)

#### College Navigator

<https://nces.ed.gov/collegenavigator/>

Information tool to find and compare over 7,000 colleges across the United States.

### High School College & Career Centers

#### P EL DORADO HIGH SCHOOL

Stephanie Yurkovic  
(530) 622-3634, ext. 1033  
[syurkovic@edusd.k12.ca.us](mailto:syurkovic@edusd.k12.ca.us)

#### P OAK RIDGE HIGH SCHOOL

Kealani Kuykendall  
(530) 677-4492, ext. 3065 or  
(916) 933-6980, ext. 3065  
[kkuykendall@edusd.k12.ca.us](mailto:kkuykendall@edusd.k12.ca.us)

#### P PONDEROSA HIGH SCHOOL

Cammie Escobar  
(530) 677-2281, ext. 2224 or  
(916) 933-1777, ext. 2224  
[cescobar@edusd.k12.ca.us](mailto:cescobar@edusd.k12.ca.us)

#### P UNION MINE HIGH SCHOOL

Hannah Dewater  
(530) 621-4003, ext. 4206  
[hdewater@edusd.k12.ca.us](mailto:hdewater@edusd.k12.ca.us)

## College Planning Guide

Select up to 7 courses per grade if attending El Dorado High School, Ponderosa High School or Oak Ridge High School.  
Select up to 8 courses per grade if attending Union Mine High School or Pacific Crest Academy.

9th Grade		10th Grade	
Course Option	Course(s) Selected	Course Option	Course(s) Selected
English		English	
Mathematics		Mathematics	
Science		Science	
World Languages		World Languages	
Life Fitness		Life Fitness	
Health / Information Communication Technology		World History (AP or non-AP)	
"a-g" Elective		"a-g" Elective	
Optional General Elective		Optional General Elective	

11th Grade		12th Grade	
Course Option	Course(s) Selected	Course Option	Course(s) Selected
English (AP or non-AP)		English (AP or non-AP)	
Mathematics		Mathematics	
Science		American Government / Economics (AP or non-AP)	
World Languages		"a-g" Elective	
U.S. History (AP or non-AP)		"a-g" Elective	
"a-g" Elective		"a-g" Elective	
"a-g" Elective		Optional General Elective	
Optional General Elective		Optional General Elective	

Course descriptions can be found on the following pages:

<i>Course Descriptions</i>	<i>Page Numbers</i>	<i>Course Descriptions</i>	<i>Page Numbers</i>
English	12-15	Social Science	20-22
Mathematics	15-17	Visual and Performing Arts	24-28
Science	18-20	World Languages	28-31

The Career Technical Education pathways are listed below. The course descriptions for each pathway can be found on the following pages.

CAREER TECHNICAL EDUCATION PATHWAYS			
Course Description	Page Numbers	Course Description	Page Numbers
Agriculture and Natural Resources	31-33	Hospitality, Tourism and Recreation	37
Arts, Media, and Entertainment	34	Information and Communication Technologies	37-38
Building and Construction Trades	35	Manufacturing and Product Development	38-39
Education, Child Development, and Family Services	35	Multiple Sectors	39
Engineering and Architecture	35-36	Public Services	39
Fashion and Interior Design	36	Transportation	40
Health Science and Medical Technology	36-37		

# GENERAL INFORMATION

## GRADUATION REQUIREMENTS

Guidance counselors are available at all campuses to provide assistance in planning a course of study.

### CLASS OF 2030 GRADUATION REQUIREMENTS (Refer to BP 6146.1 for updates after publication)

SUBJECT	YRS	UNITS	UMHS
English	4	40	40
Mathematics (minimum of Algebra I and Geometry)	3*	30	30
Biological Science	1	10	10
Physical Science	1	10	10
Social Science			
U.S. History/Geography	1	10	10
World History	1	10	10
American Government/Civics	0.5	5	5
Economics	0.5	5	5
Visual & Performing Arts / World Language or Career Technical Education	2	20	20
Physical Education (unless exempted per E.C. 51225.3)	2	20	20
Health Education	0.5	5	5
Technology Education (minimum 5 credits)			
/American Mosaic: ICT Foundations or Exploring Computer Science or Project Lead the Way or American Mosaic	0.5 or 1 or 1	5	5
Core Credits (required subjects)		170	170
Elective Credits		70	80
<b>Credits Required to Graduate</b>		<b>240</b>	<b>250</b>

\*Completion, prior to grade 9, of Algebra course work that meets or exceeds state academic content standards shall not exempt a student from the requirement to complete three mathematics courses (30 credits) in grades 9-12. (Education Code 51224.5)

## CERTIFICATE OF COMPLETION

Students with disabilities may be awarded a certificate of completion rather than a diploma as determined by their Individualized Education Plan (IEP). Parents may contact their child's student success case manager for information.

## HIGHER EDUCATION ADMISSION REQUIREMENTS

### CALIFORNIACOLLEGES.EDU

CaliforniaColleges.edu is California's official college and career planning platform. Lessons and tools help students discover goals for life after high school, make plans to achieve them, and launch their futures. It's free for California 6th - 12th grade students, their parents, and educators. Here, you'll find information about the free college and career planning tools available to California students, parents, and educators. CaliforniaColleges.edu also serves as the foundation of the California Cradle-to-Career (C2C) System tools. The C2C System includes planning and application tools, dashboards, query tools, and an analytical data set and community engagement and training.

### CALIFORNIA COMMUNITY COLLEGES

The California Community Colleges shall, as a primary mission, offer academic and vocational instruction at the lower division level for both younger and older students, including those persons returning to school. Public community colleges shall offer instruction through but not beyond the second year of college. These institutions may grant the associate in arts and science degrees.

<http://www.cccco.edu/>

### CALIFORNIA STATE UNIVERSITY SYSTEM UNDERGRADUATE

The California State Universities offer undergraduate instruction leading to bachelor's degrees in the liberal arts and sciences, the applied fields, and the professions. The CSU attempts to accept applicants from the top one-third of California high school graduates.

### ADMISSION

Visit the Cal State Apply website for the most up-to-date information, at: [www.calstate.edu/apply](http://www.calstate.edu/apply)

#### Freshman Minimum Eligibility Requirements:

You are eligible for admission if you:

- Have or will have graduated from high school.
- Meet the eligibility index with your grade point average.
- Have or will have completed with a grade C or better the pattern of courses

listed in the following table, which total 15 units (a unit is 1 year of study in high school).

- You may be required to meet higher admission requirements for impacted majors or certain campuses.
- Up to 8 semesters of honors/advanced placement (AP) courses taken in the last 3 years of high school will be granted additional points (an A in an honors/AP course will receive a total of 5 points, B-4 points, C-3 points). No more than two approved honors/AP courses taken in the 10th grade will be given additional grade points.

The CSU requires a 15-unit pattern of courses for admission as a first-time freshman. Each unit is equal to a year of study in a subject area. A grade C or higher is required for each course you use to meet the subject requirement.

#### a. History and Social Science, 2 years required:

Including 1 year of U.S. history or 1 semester each of U.S. history and civics or American government and 1 year of social science.

#### b. English, 4 years required:

4 years of college preparatory English composition and literature.

#### c. Mathematics, 3 years required, 4 years recommended:

Including Algebra I, Geometry, Algebra II. Math in the grade 12 recommended.

#### d. Laboratory Science, 2 years required:

Including 1 year biological science and 1 year physical science.

#### e. Language Other Than English (World Language), 2 years required:

2 years of the same language; American Sign Language is applicable.

#### f. Visual and Performing Arts, 1 year required:

Dance, drama, theater, music, or visual art.

#### g. College Preparatory Elective, 1 year required:

1 more year of any college preparatory subject.

High School GPA is calculated using grades in all college prep "a-g" classes completed after the 9th grade. (Do not expect to use grades earned in the senior year, since applications for most campuses are due by November 30.)

**Verifying Eligibility:** The CSU may offer you early provisional admission based on your work completed through the junior year of high school and planned for your senior year. A transcript showing final grades and graduation from high school is required prior to attendance in CSU classes (to verify that you met all admission requirements).

Senior year counts! Colleges look at courses and grades earned in the senior year to finalize your admission.

**Waiver of Languages Other Than English Requirement (World Language):** If you can demonstrate competency in a language other than English which is equivalent to or higher than that expected of students who have completed 2 years of Language Other Than English (World Language) study, you may be allowed a waiver to the Language Other Than English (World Language) requirement. For further information, contact the CSU campus to which you are applying.

**Subject Requirement Substitution for Students with Disabilities:** All freshman applicants are encouraged to complete 15 units of college preparatory subjects. If you are unable to complete certain subjects because of your disability, you should contact the Director of Disabled Student Services at the CSU campus you wish to attend to receive further information about your eligibility to attend the campus.

**Transfer Admission Requirements:** All the campuses of the CSU welcome applications from transfer students. If you complete college units after the summer following graduation from high school, you are considered a transfer student. The number of units you have completed at the time you enter a CSU determines the admission standards that will apply to your application. It is important to identify which admission requirements apply to you.

**Lower-Division Transfer Admission Requirements:** Many CSU campuses do not accept lower-division transfers, so be sure to check with the campus if you are considering transfer as a lower-division student.

If you have completed 59 or fewer semester or 89 or fewer quarter transferable units by the time you enter a CSU, you are considered a lower-division applicant. To make admissions decisions, CSU admissions offices look at the following:

- High school requirements:
  - Courses you completed in high school
  - Your high school grades and test scores
  - Graduation from high school
- Your college and courses or grades
- Whether you are in good standing at the last college or university attended.

Some campuses will also expect you to complete, with a C or better, general education classes in English composition

and general education mathematics prior to admission.

If you did not complete the 15-unit pattern of college preparatory subjects required for freshman admission while in high school, you must make up the deficiencies.

If you are a lower-division student and do not meet the eligibility index from high school, we recommend that you continue your education at a California community college and complete 60 or more transferable semester units (90 or more quarter units) before attempting to transfer to a CSU campus.

**Upper-Division Transfer Admission Requirements:** Grades are obviously an important factor in your admission as an upper-division transfer. It is important to note that there are different ways grades are used in the admissions process.

Your overall grade point average must be at least 2.0 (2.40 for California non-residents). You must have a minimum of 60 semester or 90 quarter units. GPA is calculated on all of your transfer units attempted to meet minimum admission requirements.

Generally, 30 units of general education work, with a minimum grade of C in each course, are also required. Typically, you must complete at least 10 general education courses with a grade of C or better. In the case of high-unit majors, you may have fewer than 30 semester or 45 quarter units, but the campuses will be looking at your general education grades. If you are in a high-unit major, be sure to check with the CSU campus for their requirements in this area.

Finally, general education courses in the English language and mathematics sections of general education must also be at a level of C or better for each course. These four classes are part of the 30-semester units of general education.

Remember, these are minimums, and in the case of high-demand majors and campuses, a 2.0 GPA may not be high enough to be admitted to some majors and campuses.

## THE UNIVERSITY OF CALIFORNIA (UC) SYSTEM UNDERGRADUATE ADMISSION

The University of California accepts fully eligible students from among the top eighth of California public high school graduates through regular statewide admission, or the top 9% of any given high school class through Eligibility in the Local Context.

For the most up-to-date information, log on to:

<http://admission.universityofcalifornia.edu/>

For UC-approved courses offered at each high school, go to:  
<http://hs-articulation.ucop.edu/agcourselist>

**Admission as a Freshman:** The University considers you a freshman applicant if you have graduated from high school and have not enrolled in a regular session at any college or university. If you attend a summer session immediately after graduating from high school, you are still a freshman applicant. If you are a mid-term graduate and enroll in any community college class after December, you will be considered a transfer student.

The freshman admission requirements described in this section represent the **minimum** level of achievement you must demonstrate to be eligible for admission to the University.

**California Residents:** To be eligible for admission to the University, you must meet the Subject, Scholarship, and Examination Requirements.

**Residency Status:** The requirement for bona fide California residents also applies to dependents of University of California graduates and employees. The manner in which legal residence is defined for tuition purposes is different. If you have any questions about your residency status, contact the Admission or Registrar's Office at the campus you wish to attend.

**Subject Requirements:** To satisfy this requirement, you must complete the high school courses listed below with a grade point average defined by the Scholarship Requirement. This sequence of courses is also known as the "a-g" requirements. The University of California and California State systems require the same subject requirements.

You must take 15 units of high school courses to fulfill the Subject Requirement, and at least 7 of the 15 units must be taken in your last 2 years of high school. (A unit is equal to an academic year, or 2 semesters, of study.) Therefore, multiple certified lists will be used if the applicant attended more than one high school.

### Applicants from California High Schools:

To be acceptable to the University, courses must appear on a list certified by your high school principal as meeting the University's admission requirements. Your counselor or principal will have a copy of this list. Note—certified courses originate from the school at which the course was completed.

- History/Social Science, 2 years required:**



2 years of history/social science to include 1 year of U.S. history or 1/2 year of U.S. history and 1/2 year of civics or American government; and 1 year of world history, cultures, and geography.

**b. English, 4 years required:**

4 years of college preparatory English which include frequent and regular writing, and reading of classic and modern literature, poetry and drama. Not more than 2 semesters of 9th grade English can be used to meet this requirement.

**c. Mathematics, 3 years required, 4 years recommended:**

3 years, including elementary Algebra, geometry and second-year (advanced) Algebra. Math courses taken in the 7th and 8th grades may be used to fulfill part of this requirement if your high school accepts them as equivalent to its own courses.

**d. Laboratory Science, 2 years required, 3 years recommended:**

2 years providing fundamental knowledge in at least two of these three areas: biology, chemistry, physics. Laboratory courses in earth/space sciences are acceptable if they have as prerequisites or provide basic knowledge in biology, chemistry or physics. Not more than 1 year of grade 9 laboratory science can be used to meet this requirement.

**e. Languages Other Than English (World Language), 2 years required, 3 years recommended:**

2 years of the same Languages Other Than English (World Language). Courses should emphasize speaking and understanding and include instruction in grammar, vocabulary, reading, and composition.

**f. Visual and Performing Arts, 1 year required:**

1 year of art, dance, drama/theater, or music

**g. College Preparatory Elective, 1 year required:**

1 year in addition to those required in "a–f" above, chosen from the following areas: visual and performing arts, social science, English, advanced mathematics, laboratory science, and languages other than English (a third year in the language used for the "e" requirement or 2 years of another language).

**D and F Grades:** If you have earned a D or F in an "a–g" course, you must repeat the course with a grade C or better in order to apply it toward your Subject Requirement. The original D or F grade will not be included in the GPA calculation, and the new grade will be used. If you repeat a course in which you initially earned a grade C, the second grade will not be used.

## UC ADMISSION EXAMINATION REQUIREMENT

**ACT & SAT:** UC will not consider SAT or ACT test scores when making admissions decisions or awarding scholarships. If students choose to submit test scores as part of their application, the exams may be used as an alternative method of fulfilling minimum requirements for eligibility or for course placement after the student enrolls.

**SAT Subject Tests:** These tests have been discontinued as of 2021. If students have Subject Test scores from previous years, they may report them as an additional piece of information to consider during the review process, or as an alternative method of fulfilling minimum requirements for eligibility.

**AP exams, IB exams, TOEFL or IELTS and International exams:** Students will be asked about each of these exams on separate pages in the test score section. Students need to report their scores if they have already taken an exam or indicate if they are planning on taking an exam in the future.

To learn more, visit the following:

<http://admission.universityofcalifornia.edu/>

### How UC Applications are Reviewed:

UC spend time evaluating students' academic achievements in light of the opportunities available to them and their demonstrated capacity to contribute to the intellectual life at UC. Some factors UC may consider are:

1. Academic grade point average in all completed A–G courses, including additional points for completed UC-certified honors courses.
2. Number of, content of and performance in academic courses beyond the minimum A–G requirements.
3. Number of and performance in UC-approved honors, Advanced Placement, International Baccalaureate Higher Level and transferable college courses.
4. Identification by UC as being ranked in the top 9 percent of your high school class at the end of your junior year (Eligible in the Local Context, or ELC).
5. Quality of your senior-year program as measured by the type and number of academic courses in progress or planned.
6. Quality of your academic performance relative to the educational opportunities available in your high school.
7. Outstanding performance in one or more specific subject areas.
8. Outstanding work in one or more special projects in any academic field of study.
9. Recent, marked improvement in academic performance as demonstrated by academic GPA and the quality of coursework completed or in progress.

10. Special talents, achievements and awards in a particular field, such as visual and performing arts, communication or athletic endeavors; special skills, such as demonstrated written and oral proficiency in other languages; special interests, such as intensive study and exploration of other cultures; experiences that demonstrate unusual promise for leadership, such as significant community service or significant participation in student government; or other significant experiences or achievements that demonstrate the student's promise for contributing to the intellectual vitality of a campus.
11. Completion of special projects undertaken in the context of your high school curriculum or in conjunction with special school events, projects or programs.
12. Academic accomplishments in light of your life experiences and special circumstances, including but not limited to: disabilities, low family income, first generation to attend college, need to work, disadvantaged social or educational environment, difficult personal and family situations or circumstances, refugee status or veteran status.
13. Location of your secondary school and residence

### ELIGIBILITY IN A LOCAL CONTEXT

Students who rank in the top 9 percent of students in their California high school class may be eligible for ELC designation. The ELC program ensures that academically talented and deserving students from all over California have the opportunity to be admitted to a UC campus. ELC status adds value to the application and is one of the 14 factors considered when applications are reviewed. In addition, ELC students not admitted to any of their campus choices are offered a spot at a UC campus that has space, if minimum UC requirements are met.

### ADMISSION AS A TRANSFER

The University considers you a transfer applicant if you graduated from high school and enrolled in a regular session at another college or university. **Do not disregard your college record and apply as a freshman.**

If you plan to attend a California community college before applying to the University, you should take courses that (1) are transferable, (2) satisfy University requirements, and (3) fulfill prerequisites in your major. Advisors in the Admissions Office at the UC campus you wish to attend and community college counselors can help you with your planning.

The transfer admission requirements described in this section represent the minimum level of achievement to be eligible for admission to the University.

## Minimum Admission Requirements for Transfer Students:

**California Residents**—there are several ways to meet UC's minimum admission requirements for transfer students, as described below. The path you use depends on the degree to which you satisfied minimum eligibility requirements for freshmen at the time you graduated from high school. In all cases, you must have at least a C (2.0) average in all transferable course work. If you need assistance in determining whether you met the requirements, contact a UC Admissions or Relations with Schools Office.

1. If you were eligible for admission to the University when you graduated from high school—meaning you satisfied the Subject, Scholarship, and Examination Requirements, or were identified by the University during your senior year in high school as eligible under the Eligibility in the Local Context (ELC) program—you are eligible to transfer if you have a C (2.0) average in your transferable course work.

2. If you met the Scholarship Requirement but did not satisfy the Subject Requirement, you must clear the course deficiency by taking transferable college courses in the missing subjects, earning a C or better in each required course, and have an overall C average in all transferable coursework to be eligible to transfer.

3. If you were not eligible for admission to the University when you graduated from high school because you did not meet the Scholarship Requirement, you must complete the following by the deadline established by the campus you wish to attend:

A. Complete 60 semester units or 90 quarter units of transferable college credit (see [www.assist.org](http://www.assist.org)) with a grade point average of at least 2.4 (no more than 14 semester/21 quarter units may be taken, and

B. Complete the following course pattern requirement, earning a grade C or better in each course:

- two transferable college courses (3 semester units or 4–5 quarter units) in English composition, and
- one transferable college course (3 semester units or 4–5 quarter units) mathematical concepts and quantitative reasoning, and
- four transferable college courses (3 semester units or 4–5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the earth and space and biological sciences. (Students who satisfy the Intersegmental General Education

Transfer Curriculum or IGETC prior to transferring to UC may satisfy Option 3B of the transfer admission requirements.)

## PRIVATE COLLEGES AND UNIVERSITIES

Students wishing to attend a private college or university should consult the various schools for their catalogs regarding admission requirements.

## COLLEGE ENTRANCE EXAMS

To obtain registration forms and information about the tests you must take to fulfill the Examination Requirement, talk to your counselor or visit your Career Center.

### SAT:

Educational Testing Service  
College Board/ATP  
PO Box 23470  
Oakland, CA 94623-0470  
[www.collegeboard.org](http://www.collegeboard.org)

### ACT:

American College Testing Program  
Registration Unit  
PO Box 168  
Iowa City, IA 52243  
[www.act.org](http://www.act.org)

## COLLEGE ENTRANCE EXAM DATES

### • ACT:

2026  
February 14  
April 11  
June 13  
July 11

### • SAT Reasoning and Subject Tests:

<u>2026</u>	<u>2027</u>
August 15	March 13
September 12	May 1
October 3	June 5
November 7	
December 5	

### • PSAT/NMSQT:

<u>2026</u>	<u>2027</u>
October	October

### • Advanced Placement Exams:

<u>2026</u>	<u>2027</u>
May	May

Check with your school counselor for future updates or check the [collegeboard.org](http://collegeboard.org) website.

## NCAA ELIGIBILITY ([www.ncaa.org](http://www.ncaa.org))

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization that has established rules on

eligibility, recruiting, and financial aid. The NCAA has three membership divisions — Divisions I, II, and III. Institutions are members of one or another division according to the size and scope of their athletic program and whether they provide athletic scholarships. If you are planning to enroll in college as a freshman and you wish to participate in Division I or II athletics, you must be certified by the NCAA Eligibility Clearinghouse. The Clearinghouse ensures consistent application of NCAA initial eligibility requirements for all prospective students - athletes.

Essentially, to apply you must meet minimum requirements for certification, as follows:

Eligibility Center:

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

(Click on Academic Standards, then at bottom of page, click on Eligibility Center)

NCAA Publications for the College-Bound Student-Athlete:

<https://www.ncaapublications.com>

## DIVISION I CERTIFICATION

Required	Core Units
English Core	4 years
Math Core	3 years
Science Core (1 year of lab science if offered)	2 years
Social Science Core	2 years
Additional English, Math, or Science	1 year
Additional Core	4 years

**Total Core Units 16**

### Additional Division I Requirements:

1. Graduate from high school.
2. Earn a minimum GPA in core courses.
3. Earn a combined SAT or ACT sum score that matches your core course GPA and test score sliding scale.

## DIVISION II CERTIFICATION

Required	Core Units
English Core	3 years
Math Core	2 years
Science Core (1 year of lab science if offered)	2 years
Social Science Core	2 years
Additional English, Math, or Science	3 years
Additional Core	4 years

**Total Core Units 16**

### Additional Division II Requirements:

1. Graduate from high school.
2. Earn a minimum 2.0 GPA in core courses.
3. Earn a combined SAT score of 820 or an ACT sum score of 68.

\*Requires 2 years of math at the level of Algebra I or above.

*Note—Completion of 16 core courses will be required if you enroll in Division II College on or after August 1, 2013, requiring 4 years in 'Additional Core' courses and 3 years in additional 'English, math or natural or earth and space science' courses.*

### DIVISION III

Division III does not use the NCAA Initial Eligibility Clearinghouse. Contact your Division III college regarding its policies on financial aid, practice, and competition.

Log on to the following NCAA websites for the latest complete information and application forms:

## CALIFORNIA ASSESSMENT OF STUDENT PERFORMANCE PROGRESS (CAASPP)

The CAASPP for high school age students consists of three exams: High School Science, 11<sup>th</sup> grade English Language Arts (online), and 11<sup>th</sup> grade Mathematics (online). The English Language Arts and Mathematics exams are also used by California State Universities (CSU) and the majority of California Community Colleges (CCC) for the Early Assessment Program (EAP). The EAP allows students to measure their readiness for college-level English and Mathematics in their junior year of high school, and to facilitate opportunities for them to improve their skills during their senior year. The goal of the program is to have California high school graduates fully prepared to begin college-level study. The test reports

show how a student performed in key areas, also called claims, in English Language Arts (ELA) and Mathematics:

- ELA Areas: Reading, Writing, Listening, and Research/Inquiry
- Mathematics Areas: Problem Solving & Modeling/Data Analysis, Concepts & Procedures, and Communicating Reasoning

Students receive a CAASPP score from 2000 to 3000. The overall score falls into one of four achievement levels:

1. **Standard Exceeded:** The student has exceeded the achievement standard and demonstrates advanced progress toward mastery of the knowledge and skills needed for likely success in future coursework. Students scoring Standard Exceeded are deemed college-ready by the CSU system and most CCCs (all entrance requirements must also be met).
2. **Standard Met:** The student has met the achievement standard and demonstrates progress toward

mastery of the knowledge and skills needed for likely success in future coursework. Students scoring Standard Met are deemed conditionally college-ready by the CSU system and most CCCs; meaning students need to continue to improve in the 12<sup>th</sup> grade year to be ready for college level work upon graduation.

3. **Standard Nearly Met:** The student has nearly met the achievement standard and may require further development to demonstrate the knowledge and skills needed for likely success in future coursework.
4. **Standard Not Met:** The student has not met the achievement standard and needs substantial improvement to demonstrate the knowledge and skills needed for likely success in future coursework.

California has adopted the California Next Generation Science Standards (CA NGSS). These standards tell us what students should know and be able to do in science. The CA NGSS are designed to help students understand how science works in the natural world. They also outline the knowledge and skills needed for success in college or career. The California Science Test or CAST is part of the statewide assessment system called the California Assessment of Student Performance and Progress. The CAST is aligned with the CA NGSS. The CAST assesses the student's ability to think critically and solve problems. High school students will have only one opportunity to take the CAST in either the eleventh or twelfth grade.

## CHARTER SCHOOL

### Pacific Crest Academy

Pacific Crest Academy (PCA) is a blended learning, early college high school. Blended learning combines the traditional high school classroom with advanced technology. Students attend course specific classes within a normal high school day. But the technology allows for greater personalization and one on one instruction. As students progress through their course work, they can earn their way to attending fewer days of school in person. As an early college high school. Students have the opportunity to take college courses while enrolled in high school. Some of these courses are taught on campus within the school day.

As a WASC accredited and California Certified Charter School, PCA is available to high school students both within El Dorado County as well as surrounding counties. All of our instructors are highly qualified.

A blended college schedule offers a mix of yearlong courses and courses that are completed in the traditional "semester" time frame. Students are provided with

college-preparatory support needed for all major subject areas, including science labs, World Languages, advanced placement courses and core subjects. Weekly tutorials are available for students needing additional support.

Please visit our website for our student success data and student feedback on our program.

[pacificcrest.eduhsd.k12.ca.us](http://pacificcrest.eduhsd.k12.ca.us)

## ALTERNATIVE OPTIONS FOR EDUCATION

The El Dorado Union High School District offers several alternative programs for students to complete their education. These programs are planned to help individuals earn a high school diploma.

**Independence High School (IHS)** is a continuation high school designed to meet the needs of students in grades 10–12 who require an alternative setting. Most students enroll at Independence as voluntary transfers. Six class sessions are available throughout the school day. Smaller class sizes, flexible curriculum, easy access to teacher assistance and counseling services, and variable credit make it possible for struggling students to secure academic success. Graduation requirements at Independence High School are the same as those at the comprehensive sites.

**Independent Study Program (ISP)** is available at El Dorado, Oak Ridge, Union Mine and Ponderosa high schools for students whose needs require study outside of the regular classroom setting. Success in this program requires disciplined study habits. Graduation requirements for students in the ISP are the same as those of the comprehensive sites. Contact the counseling office at your respective school for further information.

**EDUHS Online** is a program offered to provide families with the opportunity to attend regularly scheduled teacher led classes from home each day in parallel with independent study courses. Students remain enrolled in their school of residence. In some instances, a student may access an on-campus in-person course. Priority for on-campus courses is given to students attending the high school daily.

## 2026–27 COURSE DESCRIPTIONS

This publication will be used by students at all schools in the district to select classes. It is important when selecting a course to note if the class is available at your school and whether it is a (Y) year or (S) semester class. At Union Mine High School, courses noted as year (Y) classes earn 10 credits and are completed in one half-year terms (August–December or January–May). Please read about each course you may be interested in taking, and note whether or not it is open to your grade level and if there are any prerequisites. The number to the right of each course title must be written on your course request form. No course may be repeated for credit unless so stated. Course information printed in this directory may be subject to change; not all courses may be offered. Please consult your counselor for the most accurate course offering information.

### ENGLISH

#### ENGLISH 1 (Y) #0101

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

English I expose students to a variety of genres that are centered upon transcendent themes, including the following: Literary Elements and a Writer's Message; Heroism in Western Culture; Moral Dilemma; Youth on the Threshold; Culture and Conflict; and Introduction to Argument. Students will develop the following skills: analysis and synthesis of literary and informational texts; writing convention and strategies; and speaking and listening techniques and expectations.

#### ADVANCED ENGLISH 1 (Y) #0102

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

Advanced English I exposes students to a variety of genres that are centered upon transcendent themes, including the following: Literary Elements and a Writer's Message; Heroism in Western Culture; Moral Dilemma; Youth on the Threshold; Culture and Conflict; and Introduction to Argument. Students will develop the following skills: analysis and synthesis of literary and informational texts; writing convention and strategies; and speaking and listening techniques and expectations. The main difference between Advanced English 1 and English 1 is the pace and the number of additional supplemental texts taught.

#### ENGLISH 2 (Y) #0111

Prerequisite	School	Grades	Credit
Grade level	EDHS, ORHS, PHS, UMHS, IHS, PCA	10	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

In English 2 emphasis is on writing, speaking, and reading of both core works of literature and informational texts. Students will develop an understanding of, and appreciation for, world literature.

#### ADVANCED ENGLISH 2 (Y) #0112

Prerequisite	School	Grades	Credit
Successful completion of English 1 or Advanced English 1 or teacher recommendation.	EDHS, ORHS, PHS, UMHS, PCA	10	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

In Advanced English 2 emphasis is on writing, speaking, and reading of both core works of literature and informational texts. Students will develop an understanding of, and appreciation for, world literature. The main difference between Advanced English 2 and English 2 is the pace and the number of additional supplemental texts taught.

#### ENGLISH 3 (Y) #0121

Prerequisite	School	Grades	Credit
Grade level	EDHS, ORHS, PHS, UMHS, IHS, PCA	11	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

English 3 will focus on exposing students to the literature and texts of the United States of America, from origination to the present. This course will expand the role that literature, writing, and information literacy plays in a student's participation in and interaction with the world around him/her. The curriculum will act as a platform to explore how the world around us shapes our lives as well as how literature has impacted history and vice versa. The reading selections and activities are intended to deepen students' interactions with the text and the issues embedded within the text so as to create critical thinkers and problem solvers who are able to contribute in a productive and positive way to their communities.

#### ENGLISH 4: CONTEMPORARY LITERATURE (Y) #0133

Prerequisite	School	Grades	Credit
Grade level	EDHS, ORHS, PHS, IHS, PCA	12	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

This course will focus on exposing students to literature from the 21st century. The reading selections will allow students to focus on how we understand ourselves through understanding others. The material will also act as a platform to confront how the world around us shapes our lives. Reading selections and activities are intended to deepen students' interactions with the text and the issues embedded within so as to create critical thinkers who are able to contribute in a productive and positive way to their communities. This course meets all of the CCSS in language arts.

**ENGLISH 4: SCIENCE FICTION (Y) #0138**

Prerequisite	School	Grades	Credit
Successful completion of English 1, 2 and 3	ORHS, PHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

This is a survey course in the literary genre of Science Fiction. This course will define, analyze, and interpret the genre of Science Fiction. The course covers contemporary science fiction writers such as Orson Scott Card to classic works of science fiction from authors like Heinlein, Herbert, and Asimov. A great deal of reading and writing will be demanded in this course. For a reading list of the titles taught, contact your site's course instructor. This class will meet the 4th year English requirement for a-g.

**CSU 12<sup>TH</sup> GRADE EXPOSITORY READING AND WRITING (Y) #0144**

Prerequisite	School	Grades	Credit
Successful completion of English 1, 2 and 3	EDHS, ORHS, PHS, UMHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

This course helps prepare students for the reading and writing demands of their first year in college as a part of the California State University's *Early Assessment Program*. The main focus of the course is expository reading and writing and only two full texts of literature are used. The assignments meet the standards of the English Placement Test for the CSU system; meet the expectations of college and university faculty; meet the California English-Language Arts Content Standards; and also develop literacy skills critical to lifelong participation in the worlds of work and the community. Each assignment is a sequence of integrated reading and writing. Students learn to make predictions about texts, analyze both the content and the rhetorical structures, and use material properly from the texts they read in supporting their own written arguments.

**ENGLISH 4: SHAKESPEARE (Y) #0127**

Prerequisite	School	Grades	Credit
Successful completion of English 1, 2 and 3	PHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

The World of Shakespeare is a fourth-year course that centers on the in-depth study of William Shakespeare's plays and poetry beyond the core literature assigned in grades 9 and 10 English classes. The class will read several tragedies, two comedies, a history play, some of his later works, and the sonnets. In addition to reading and analyzing the plays, the students will also look in the time period, the writer's biography, and the theater venue. Class format will be interactive with an emphasis on active participation.

**ENGLISH LANGUAGE DEVELOPMENT (Y) #0107L1**

Prerequisite	School	Grades	Credit
ELPAC testing	EDHS, ORHS, PHS, UMHS	12	5 units per semester

This course is designed for English Language Learners who are acquiring English as a second language. Instruction in listening, speaking, reading, vocabulary development, and writing are included in the program at levels that are appropriate to the English fluency of the student as determined by the student's performance levels on the California English Language Development Test (ELPAC). The ELD course assists students in developing the English skills that they must acquire to become proficient in the structured English immersion mainstream courses required for graduation. This course may be used as one of the 4 years of required English. It may also be used for elective credit.

**ENGLISH LANGUAGE DEVELOPMENT 2 (Y) #0107L2**

Prerequisite	School	Grades	Credit
ELPAC testing and placement	EDHS, ORHS, PHS, UMHS	12	5 units per semester

ELD 2 curriculum develops students' reading, writing, speaking, and listening skills as specified within the California ELA Standards. This course is for students scoring in the Early Intermediate and Intermediate ranges on the ELPAC exam. This course may be used as one of the 4 years of required English. It may also be used for elective credit. ELD 2 curriculum develops students' reading, writing, speaking, and listening skills as specified within the California ELA Standards. This course is for students scoring in the Early Intermediate and Intermediate ranges on the ELPAC exam. This course may be used as one of the 4 years of required English. It may also be used for elective credit.

**ENGLISH LANGUAGE DEVELOPMENT 3 (Y) #0107L3**

Prerequisite	School	Grades	Credit
ELPAC testing and placement	EDHS, ORHS, PHS, UMHS	12	5 units per semester

ELD 3 curriculum develops students' reading, writing, speaking, and listening skills as specified within the California ELA Standards. This course is for students scoring in the Early Advanced and Advanced ranges on the ELPAC exam. This course may be used as one of the 4 years of required English. It may also be used for elective credit.

**ENGLISH ELECTIVE COURSES****READING IMPROVEMENT (Y) #0134**

Prerequisite	School	Grades	Credit
Two or more years below grade level in reading as measured by 8th grade standardized test scores or another standardized reading test.	ORHS, PHS, IHS	12	5 units per semester

This class will emphasize the development of critical analysis in reading. Self-monitoring comprehension strategies will be taught. Silent reading skills and fluency will be stressed. Attitudes about reading will be addressed, and students will be encouraged to develop realistic and positive concepts of themselves as readers. The goal of the class is to make students more active, strategic readers which will promote learning in all subject areas.

**READING STRATEGIES AND SKILLS (S) (Y) #0109**

Prerequisite	School	Grades	Credit
None	IHS	10-12	5 units per semester

This course will offer a class to those students whose grades indicate that they are not progressing towards a successful completion of competencies/high school exit exams, or to those students who wish to learn successful reading techniques. Focus will be on reading in all content areas.

**WRITING SKILLS AND STRATEGIES (S) #0104**

Prerequisite	School	Grades	Credit
Course content is based on the National Council of Teachers of English (NCTE) standards and aligned to state standards	All sites	9-12	5 units per semester

This online course develops key language arts skills necessary for high school graduation and success on high stakes exams through a semester of interactive instruction and guided practice in composition fundamentals. The course is divided into ten mini-units of study. The first two are designed to build early success and confidence, orienting students to the writing process and to sentence and paragraph essentials through a series of low-stress, high-interest hook activities. In subsequent units, students review, practice, compose and submit one piece of writing. Four key learning strands are integrated throughout: composition practice, grammar skill building, diction and style awareness, and media and technology exploration. Guided studies emphasize the structure of essential forms of writing encountered in school, in life, and in the work place. Practice in these forms is scaffolded to accommodate learners at different skill levels.

**CREATIVE WRITING: FICTION (Y) #0128**

Prerequisite	School	Grades	Credit
Grade of C or better in previous English courses.	ORHS	10-12	5 units per semester
Meets UC Requirement: UC A-G: g			

This course will offer students an elective in the English department, a class that will allow and encourage an interest in literature as an art form, and help students develop as writers of fiction.

**CAREER COMPOSITION AND READING (Y) #0143**

Prerequisite	School	Grades	Credit
Completion of English 1, 2, and 3.	ORHS	12	5 units per semester

This year-long course of English 12 is designed to strengthen students' critical thinking, writing, reading, speaking, and listening skills through differential and varied instruction. Students will work at developing skills in grammar, syntax, and literary analysis to heighten their emerging writing and critical thinking skills. This course will engage students through diverse instruction and engaging literature and informational text. Students will compose various mediums of writing throughout the year (e.g., informative, expository, argumentative, research, personal narrative, poetry, multimedia presentations, and professional portfolio documents). Some of the skills that students will be developing are composition, writing arguments to logically support claims in an analysis of a text or topic, vocabulary building, word usage, and cause and effect. Students will work individually and in different configurations throughout the semester, such as small to large groups.

**YOUTH IN CONFLICT (Y) #0136**

Prerequisite	School	Grades	Credit
Completion of English 1, 2, and 3.	IHS	12	5 units per semester

This survey course uses contemporary fiction and nonfiction in dealing with problems of teenagers as they come into conflict with their peers, parents, society, and themselves. Emphasis is placed on how individuals solve their problems and improve their situation. Students will read, write, research, analyze, discuss, debate, and explore a wide variety of issues, influences, trends, temptations, and dangers which confront America's youth. This class will meet the 4th year high school English requirement.

**SPEECH (S) (Y) #0140**

Prerequisite	School	Grades	Credit
Grade of B or better in English classes, or teacher's approval.	ORHS	9-12	5 units per semester
Meets UC Requirement: UC A-G: g			

Students will learn the basic principles of speech delivery through oral presentations in class. Assignments will include extemporaneous, impromptu, and formal orations. Also included will be oral interpretation as well as the influence of mass media, interviewing skills, and parliamentary procedure. Competition is encouraged, not required. This class may meet the 4th year English graduation requirement.

**MEDIA LITERACY (S) #0129**

Prerequisite	School	Grades	Credit
None	All sites	9-12	5 units per semester
Meets UC Requirement: UC A-G: g			

This online course teaches students how to build the critical thinking, writing, and reading skills required in a media rich and increasingly techno-centric world. Today students need to be able to read, comprehend, analyze, and respond to nontraditional media with the same skill level they engage with traditional print sources. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in nontraditional media genres, such as blogging and podcast scripting. Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and study factors which can contribute to bias and affect credibility.

**ENGLISH ADVANCED PLACEMENT COURSES****ADVANCED PLACEMENT LANGUAGE AND COMPOSITION (Y) #0126AP**

Prerequisite	School	Grades	Credit
Grade of A in English 2 or Grade of A or B in Advanced English 2.	EDHS, ORHS, PHS, UMHS	11	5 units per semester
Meets UC Requirement: UC A-G: b			

"The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purpose," (*Advanced Placement Program Course Description: The College Board*). Upon passing the exam, a student may earn up to a year of college credit.

### ADVANCED PLACEMENT LITERATURE AND COMPOSITION (Y) #0139AP

Prerequisite	School	Grades	Credit
Grade of B or better in English 3 or Grade of A, B, or C in AP Language and Composition.	EDHS, ORHS, PHS, UMHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: b</i>			

"An Advanced Placement English course in Literature and Composition should engage students in the careful reading and critical analysis of imaginative literature. The course should include intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit." (*Advanced Placement Program Course Description: The College Board*) Advanced Placement is a program of college-level courses and exams for secondary school students. It is challenging and stimulating, and, compared to other high school courses, it often takes more time, requires more work, gives greater opportunity for individual progress and accomplishment, and goes into greater depth. Upon passing the exam, a student may earn a year of college credit.

## HEALTH / PHYSICAL EDUCATION

### LIFE FITNESS 1 (Y) #0271

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9	5 units per semester

This course emphasizes personal fitness for a healthy lifestyle including the physiological effects of exercise. This course will include dance, aquatics, games, individual and dual activities, and fitness activities. The course will encourage demonstration of responsible personal and social behavior in a physical activity setting. The students will understand the relationship between culture and movement activities.

### LIFE FITNESS 2 (Y) #0273

Prerequisite	School	Grades	Credit
Grade level	EDHS, ORHS, PHS, UMHS, IHS, PCA	10-12	5 units per semester

This course promotes a physically active lifestyle. Students will participate in aquatics, dance, outdoor education, and team, dual or individual games and sports. (All activities will emphasize the analysis of physiological and biomechanical principles involved in human movement.) They will develop a personalized plan for lifetime fitness. This course provides activities for developing cooperative social interaction and leadership skills.

### ADVANCED PHYSICAL EDUCATION (S) #0274

Prerequisite	School	Grades	Credit
Grade of C or better in Life Fitness 1 and 2 and teacher approval.	EDHS, ORHS, PHS, UMHS	11-12	5 units per semester

*\*If prerequisite is met. This course may be repeated for elective credit.*

This is an elective class to attract students to pursue a personalized fitness-training program based on their needs. This class will be opened to any student ranging from modified activities to advanced athletes. All students will participate in health and skill related components of health. Students will also receive information on diet analysis, performance nutrition, ergogenic aids, heart rate monitors, biomechanical analysis, and creating a personal training program.

### PHYSICAL FITNESS TRAINING (S) (Y) #0276

Prerequisite	School	Grades	Credit
Grade of C or better in Life Fitness 1 and 2 and teacher approval.	EDHS, ORHS, UMHS	11-12	5 units per semester, 10 per term

This elective course is for the individual interested in utilizing a personal fitness program. Both non-athletes and athletes will participate in strength training, agility training, and speed development specific to their personal needs. Body composition, diet analysis, and performance analysis will also be covered. Internet research will be used to aid the student's personal fitness level. Guest speakers in the athletic and health professions will be invited for possible future career choices.

### HEALTH EDUCATION (S) #0265

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester,

Health Education is comprised of eight sections: Personal Health, Eating for Healthy Living, Substance Use and Misuse, Family Life/Communicable Diseases, Informed Health Consumers, Accident Prevention/First Aid, and Environmental Health. Students will have the opportunity to learn those skills that enable them to practice good health habits for a lifetime. Students will learn the importance of consciously controlling their own good health so that they may lead long and productive lives in our society.

## MATHEMATICS

### ALGEBRA FOUNDATIONS (Y) #0239

Prerequisite	School	Grades	Credit
Junior high school teacher recommendation.	EDHS, ORHS, PHS, UMHS, IHS	9-10	5 units per semester,

This course will prepare students for success in Algebra 1. Students will achieve proficiency in prerequisite skills for Algebra and selected CCSS. Upon completion of this course, students will enroll in Algebra 1.

**ALGEBRA 1 (Y) #0212**

Prerequisite	School	Grades	Credit
Placement based on multiple measures; grade in previous math course, standardized test results, and teacher recommendation.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course meets all of the CCSS for math and satisfies a high school graduation requirement. This course will engage students in solving multi-step and absolute value equations, solving proportions, solving a system of equations Algebraically, solving and graphing compound inequalities, solving and graphing absolute value inequalities and systems of inequalities, graphing linear equations and systems of linear equations, writing equations of lines between two points and of lines parallel and perpendicular to a line and through a given point, simplifying exponential expressions, function multiplying and factoring polynomials, solving quadratic equations by factoring, the quadratic formula and completing the square, operations with rational expressions and constructing and analyzing box-and-whisker plots for a set of data.

**APPLIED GEOMETRY (Y) #0220**

Prerequisite	School	Grades	Credit
Teacher recommendation	PHS, UMHS	11-12	5 units per semester

This course is designed to present a logical development as a first course in geometry that emphasizes shapes; such as lines, points, circles and squares – and the properties of these shapes. Students will use what they learned in algebra in geometry to apply problem-solving in real-world scenarios in collaboration with each other in and out of the classroom. These tasks will be built on Common Core Standards for Mathematical Content that specifies the mathematics all students should study for college and career readiness. Topics include: Basic Geometric Concepts, Angles, Reasoning, Perpendicular and Parallel Lines, Triangles, Quadrilaterals and Polygons, Perimeter and Area, Surface Area and Volume, Coordinate Geometry and Transformations, and Basic Triangular Trigonometry.

**GEOMETRY (Y) #0221**

Prerequisite	School	Grades	Credit
Grade of C or better in Algebra 1 or teacher recommendation.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course meets all of the CCSS for math and engages students bound for college or career technical training in such topics as inductive and deductive reasoning, properties and proofs of parallel and perpendicular lines and congruent triangles, relationships with triangles, properties of polygons and quadrilaterals, similar shapes and proportional reasoning, trigonometry, transformations, properties of circles, finding area and perimeter of triangles, various quadrilaterals, regular polygons and circles, and finding the surface area and volume of prisms, pyramids, cones, cylinders, and spheres.

**ALGEBRA 2 (Y) #0213**

Prerequisite	School	Grades	Credit
Grade of C or better in Geometry or teacher recommendation.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course is designed for students bound for college or career technical training. Students will expand and develop Algebra and trigonometric concepts to an advanced level of mathematics. Students will engage in an in-depth study of California's Common Core Standards for Mathematics. Topics include systems of equations and inequalities, quadratic functions, polynomial functions, exponential and logarithmic functions, rational and radical functions, conic sections, probability and statistics, and trigonometry.

**ADVANCED ALGEBRA 2 (Y) #0227**

Prerequisite	School	Grades	Credit
Grade of B or better in Geometry or teacher recommendation.	EDHS, ORHS, PHS, UMHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course is designed to meet the needs of college-bound students whose emphasis will be in math and science and who require an extensive background in Algebra. Topics include polynomials, rational expressions, quadratics, conics, complex numbers, exponents, logarithms, series, combinatorics, and probability and statistics. The pathway leads to Advanced Placement Precalculus or Precalculus.

**MATH ELECTIVE COURSES****FINANCIAL ANALYSIS (Y) #0202**

Prerequisite	School	Grades	Credit
Completion of Algebra 1.	EDHS, ORHS, PHS, UMHS, IHS, PCA	12	5 units per semester

This class will introduce students to the fundamental concepts of personal and business finance, with primary emphasis on personal finance. Topics include income, taxes, recordkeeping, checking and savings accounts, cash and credit card purchases, loans, vehicle and housing costs, insurance, and investments. Business finance topics may include marketing, purchasing, hiring, etc.

**PROBABILITY AND STATISTICS (Y) #0234**

Prerequisite	School	Grades	Credit
Grade of C or better in Algebra 2 or Advanced Algebra 2.	EDHS, PHS, UMHS, IHS	11-12 & 10 with teacher recommendation	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			



This course is designed to meet the needs of students who want an additional year of mathematics, especially those who would like the experience with the skill and concepts of statistics but do not choose to attempt the pace and rigor of an Advanced Placement Statistics course.

### PRE-CALCULUS (Y) #0223

Prerequisite	School	Grades	Credit
Grade of C or better in Advanced Algebra 2, grade of B or better in Algebra 2, or teacher recommendation.	EDHS, ORHS, PHS, PCA	10–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course is a prerequisite for A.P. Calculus and is designed for college-bound students interested in math and science. Students will engage in an in-depth study of Common Core Standards for Mathematics. Topics will include equations, functions families and their graphs, rational, polynomial, exponential, logarithmic, and trigonometric functions, trigonometric identities and applications, vectors, polar and parametric equations, and a study of limits.

### ADVANCED PRE-CALCULUS (Y) #0229

Prerequisite	School	Grades	Credit
Grade of C or better in Advanced Algebra 2, grade of B or better in Algebra 2, or teacher recommendation.	UMHS	10–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course is a prerequisite for A.P. Calculus and is designed for college-bound students interested in math and science. Students will engage in an in-depth study of Common Core Standards for Mathematics. Topics will include equations, functions families and their graphs, rational, polynomial, exponential, logarithmic, and trigonometric functions, trigonometric identities and applications, vectors, polar and parametric equations, and a study of limits.

### DIFFERENTIAL CALCULUS (Y) #0232

Prerequisite	School	Grades	Credit
Grade of C or better in Pre-Calculus.	EDHS, ORHS, PHS, UMHS	11–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This advanced level mathematics course is designed to provide a review of Pre-Calculus concepts and an introduction to a first semester Calculus course at a college or university. Topics include limits, rules of differentiation, applications of derivatives, integration, and volume of solids.

## MATH ADVANCED PLACEMENT COURSES

### ADVANCED PLACEMENT STATISTICS (Y) #0228AP

Prerequisite	School	Grades	Credit
Grade of B or better in Advanced Algebra 2 or Pre-Calculus, or teacher recommendation.	EDHS, ORHS, PHS, UMHS	10–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This is an advanced high school mathematics course for the student who wishes to complete the equivalent of a 1-semester introductory, non-Calculus based college course in statistics. This course is preparation for the Advanced Placement Statistics Exam.

### ADVANCED PLACEMENT PRE-CALCULUS (Y) #0223AP

Prerequisite	School	Grades	Credit
Grade of C or better in Advanced Algebra 2 or teacher recommendation.	EDHS, ORHS, PHS	10–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This course is a prerequisite for AP Calculus and is designed for college-bound students interested in math and science. This course engages students in an in-depth study of CCSS for math. Topics include equations, functions families and their graphs, rational, polynomial, exponential, logarithmic, and trigonometric functions, trigonometric identities and applications, vectors, polar and parametric equations, and a study of limits. Students successfully completing this course will have an extensive background in advanced level mathematics preparing them for college-level coursework.

### ADVANCED PLACEMENT CALCULUS AB (Y) #0230AP

Prerequisite	School	Grades	Credit
Grade of C or better in AP Pre-Calculus or teacher recommendation.	EDHS, ORHS, PHS, UMHS	11–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This is an advanced high school math course for the student who wishes to complete the equivalent of the first-level college and Calculus course. The course is preparation for the second-level college Calculus course and Calculus AB Advanced Placement Exam.

### ADVANCED PLACEMENT CALCULUS BC (Y) #0231AP

Prerequisite	School	Grades	Credit
Grade of C or better in AP Calculus AB or teacher recommendation	EDHS, ORHS, PHS, UMHS	11–12	5 units per semester
<i>Meets UC Requirement: UC A-G: c</i>			

This is an advanced high school math course for the student who wishes to complete the equivalent of the first two levels of the college Calculus series. The course is preparation for the third-level college Calculus course and the Calculus BC Advanced Placement Exam.

## SCIENCE

### EARTH AND SPACE SCIENCE (Y) #0305

Prerequisite	School	Grades	Credit
None	IHS	9	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Students will investigate the various areas of earth and space science. This is an introduction to equipment and techniques that will be applied in biology, chemistry, and physics. Satisfies Physical Science graduation requirement.

### BIOLOGY (Y) #0311

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Biology is the study of living systems. Those concepts fundamental to the understanding of all life include: biological molecules, energy transfer through photosynthesis, cell respiration and fermentation, cell structure and function, classification, DNA structure and function, protein synthesis, genetics, evolution, and ecology.

### CALIFORNIA NATURAL RESOURCES BIOLOGY (Y) #0339

Prerequisite	School	Grades	Credit
Concurrent enrollment or completion of Algebra 1.	EDHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Natural Resources Biology is a laboratory science focused on understanding life on Earth. This place-based curriculum utilizes EDHS's East Campus to study scientific skills, ecology, cellular structure and function, genetics, and evolution. The course is the first of a 4-year Natural Resources Pathway and will develop skills for student success in college and career. Application, teacher recommendation and interview are required to be considered for the Natural Resources Program.

### CHEMISTRY (Y) #0318

Prerequisite	School	Grades	Credit
Completion of Algebra 1 and Biology	EDHS, ORHS, PHS, UMHS, PCA	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Chemical principals will be applied to inquiry, investigation, and application to real-world and global challenges.

### CALIFORNIA NATURAL RESOURCES CHEMISTRY (Y) #0338

Prerequisite	School	Grades	Credit
Completion of Algebra 1 or Biology with a grade of C or better	EDHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Natural Resources Chemistry applies chemistry principles to inquiry, investigation, and application involving real-world environmental issues as they relate to renewable and nonrenewable resources. This place-based curriculum utilizes EDHS's East Campus to study the chemistry of soil, vegetation, water, wildlife, minerals, and energy resources in the context of human use, sustainability, and resilience. Application, teacher recommendation and interview are required to be considered for the Natural Resources Program.

### ADVANCED CHEMISTRY (Y) #0320

Prerequisite	School	Grades	Credit
Grade of C or better in Algebra 1, Geometry, and Biology. Concurrent enrollment in Algebra 2 or Advanced Algebra 2 is required. Grade of C or better for students who have previously taken Algebra 2/Adv. Algebra 2.	EDHS, ORHS, PHS, UMHS, PCA	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Students in this laboratory science course study the natural elements and the changes they undergo. This course will develop the capacity to reason and provide students with a sound base from which students can pursue a career in one of the health fields or sciences This course satisfies Earth and Space Science graduation requirement. This course is suitable for all college-bound students with strong math skills and an interest in a science or technology career.

### PHYSICS (Y) #0330

Prerequisite	School	Grades	Credit
Grade of B or better in Geometry; current enrollment in Algebra 2 or Advanced Algebra 2 required.	EDHS, ORHS, PHS, UMHS, PCA	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course is designed for students who wish to understand the functions and applications of such areas as forces, motion, energy, heat, light, sound, electricity, and electronics. This course satisfies the Physical Science graduation requirement.

## SCIENCE ELECTIVE COURSES

### ENVIRONMENTAL SCIENCE (Y) #0303

Prerequisite	School	Grades	Credit
Completion of Biology. ORHS Students must successfully complete Chemistry with a grade of C or better.	EDHS, ORHS, PHS, UMHS, PCA	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Environmental principals will be applied to inquiry, investigation, and application to real-world and global challenges.

### ORGANISM DIVERSITY AND STRUCTURE (Y) #0333

Prerequisite	School	Grades	Credit
Grade of C or better in Chemistry or Advanced Chemistry.	UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d. This course may be offered alternate years. Check with your counselor.</i>			

This challenging course focuses on the biochemistry, anatomy, and physiology of all life with an emphasis on plants and animals, looking at cells, tissues, and organ systems. A systematic study will be made of a variety of organisms, comparing their evolutionary relationships. Some dissection is expected. This course is conducted at a college level.

### HUMAN PHYSIOLOGY (Y) #0313

Prerequisite	School	Grades	Credit
Grade of B or better in Biology, and grade of C or better in Chemistry or Advanced Chemistry is highly recommended.	EDHS, ORHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course focuses on the biochemistry, anatomy, and physiology of the human body. Cells, tissues, organs, and organ systems will be studied, with an emphasis on the medical field. Some dissection is expected.

### HONORS PHYSIOLOGY (Y) #0314

Prerequisite	School	Grades	Credit
Grade B or better in Biology, and grade of C or better in Chemistry or Advanced Chemistry, grade of C or better in Algebra 2 or Advanced Algebra 2, or teacher recommendation.	PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course focuses on the biochemistry, anatomy, and physiology of the human body. Cells, tissues, organs, and organ systems will be studied. Some dissection is expected as well as use of simulations, lab demonstrations, pathologies, and activities that require students to use mathematical and computational thinking, asking and defining problems, developing and using models, analyzing and interpreting data to construct explanations and design solutions. Students will engage in argument from evidence, and obtain, evaluate, and communicate information.

## SCIENCE ADVANCED PLACEMENT COURSES

### ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (Y) #0303AP

Prerequisite	School	Grades	Credit
Grade of B or better in Biology, and concurrent enrollment in Chemistry or Advanced Chemistry.	EDHS, ORHS, PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This Advanced Placement course is equivalent to a first-year college-level course in Environmental Science. It provides a stimulating and challenging experience for able students, preparing them for the Advanced Placement Environmental Science Exam.

### ADVANCED PLACEMENT PHYSICS 1 (Y) #0326AP

Prerequisite	School	Grades	Credit
Grade of B or better in Geometry; current enrollment in Algebra 2 or Advanced Algebra 2 required.	ORHS, PHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course provides an introduction to college level physics. The curriculum includes motion in one and two dimensions, fluids, forces, energy and momentum, rotational motion and torque. There are rigorous mathematical and laboratory components, preparing students for the Advanced Placement Physics 1 Exam.

### ADVANCED PLACEMENT PHYSICS 2 (Y) #0327AP

Prerequisite	School	Grades	Credit
Completion of Physics or AP Physics 1 with a grade of B or better, concurrent enrollment in Pre-Calculus or equivalent.	ORHS, PHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This is a second-year physics course, designed to deepen students' understanding of more advanced physical phenomena. The curriculum includes electricity and magnetism, optics, quantum theory, nuclear physics, thermodynamics, and sound. There are rigorous mathematical and laboratory components, preparing students for the Advanced Placement Physics 2 Exam.

### ADVANCED PLACEMENT BIOLOGY (Y) #0311AP

Prerequisite	School	Grades	Credit
Grade of <i>B</i> or better in Biology and Chemistry, or teacher recommendation.	EDHS, ORHS, PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Equivalent to first-year college biology course. This course is designed to be taken by students after the successful completion of a first course in high school biology and high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Prepares students for AP Biology exam. This course is conducted at college level.

### ADVANCED PLACEMENT CHEMISTRY (Y) #0320AP

Prerequisite	School	Grades	Credit
Grade of <i>B</i> in Advanced Chemistry or an <i>A</i> in Chemistry, grade of <i>B</i> or better in Algebra 2.	ORHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. This class will review basic chemistry concepts learned in the first year chemistry, go more in-depth for the topics of acids/bases, buffers, electrochemistry, thermodynamics, solubility, equilibrium.

## SOCIAL SCIENCE

### WORLD HISTORY (Y) #0174

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	10	5 units per semester
<i>Meets UC Requirement: UC A-G: a</i>			

This is a required survey course that covers world history, geography and culture in the modern world. This course is designed to give students an appreciation of the many cultures and civilizations which have contributed to the development of the world today.

### U.S. HISTORY/GEOGRAPHY (Y) #0163

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	11	5 units per semester
<i>Meets UC Requirement: UC A-G: a</i>			

This is a required course for all 11th grade students. This course meets the state requirement for United States History. It is a survey course offering a multidisciplinary approach to the study of the history of our nation. It will enable the student to develop and practice a variety of intellectual activities and work skills appropriate to the social sciences.

### AMERICAN GOVERNMENT (S) #0171

Prerequisite	School	Grades	Credit
Completion of U.S. History/Geography or department approval	EDHS, ORHS, PHS, UMHS, IHS, PCA	12	5 units per semester
<i>Meets UC Requirement: UC A-G: a and g</i>			

This is a required course for seniors which covers the Constitution of the United States, including the study of American institutions and ideals and the principles of state and local government.

### ECONOMICS (S) #0187

Prerequisite	School	Grades	Credit
Completion of U.S. History/Geography or department approval	EDHS, ORHS, PHS, UMHS, IHS, PCA	12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

A required course for seniors that covers basic economic concepts and vocabulary; the development and operation of the U.S. market economy; microeconomic principles; study of the macroeconomy including the study of U.S. government monetary, taxation, and regulatory policies as they affect the economy; globalization and international trade.

## SOCIAL SCIENCE ELECTIVE COURSES

### GEOGRAPHY AND WORLD CULTURES (S) #0175

Prerequisite	School	Grades	Credit
None	All sites	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This online course offers a curriculum that enables students to explore how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Along the way, students are given rigorous instruction on how to read maps, charts, and graphs, and how to create them.

**ETHNIC STUDIES (S) #0176**

Prerequisite	School	Grades	Credit
None	All sites	9-12	5 units per semester
<i>This course meets elective credit only</i>			

This online course examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures. In online discussions and polls, students reflect critically on their own experiences as well as those of others. Interactive multimedia activities include personal and historical accounts to which students can respond using methods of inquiry from history, sociology, and psychology. Written assignments and journals provide opportunities for students to practice and develop skills for thinking and communicating about race, culture, ethnicity, and identity.

**AMERICAN MOSAIC (S) #0179**

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, PCA	9-12	5 units per semester
<i>This course meets elective credit only</i>			

American Mosaic explores the diverse cultures, histories, and contributions that have shaped the United States. Students examine the resilience of marginalized groups, the impact of social movements, and the ongoing challenges of prejudice and inequality. Through analysis of primary and secondary sources, collaborative projects, and critical discussions, students develop communication and critical-thinking skills while gaining a deeper understanding of how diversity continues to shape our shared national identity.

**SOCIOLOGY (S) #0182**

Prerequisite	School	Grades	Credit
Student Interest	PHS, IHS, PCA	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

The course is designed to enhance student awareness of current social issues, relationships, and institutions. It has been created out of a need to develop critical thinking, speaking, research, writing, and collaborative skills in conjunction with a more societal perspective. Students will be asked to research social issues, discuss cause and effect, formulate opinions, draw conclusions, and develop potential solutions to social problems. These problems fall under four main headings: Sociology, Culture, Socialization, Social Stratification, Social Inequalities, and Social Institutions.

**PSYCHOLOGY (S) #0183**

Prerequisite	School	Grades	Credit
Completion of Biology or equivalent recommended.	EDHS, PHS, UMHS, PCA	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Psychology is defined as the scientific study of human and animal behavior and our mental processes. In a high school psychology course, students are introduced to the scientific method and the core ideas and theories of psychology. As a result, students gain an understanding of the complexities and diversity of human thought and behavior, (from the 2011 National Standards for High School Curricula, ii).

**20<sup>TH</sup> CENTURY HISTORY AND FILM (Y) #0168**

Prerequisite	School	Grades	Credit
Student Interest	ORHS, PHS, PCA	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course provides students an opportunity to study the history of film and American history through movies improving their analytical, writing, presentation, and evaluation skills. This course surveys the history of American films from inception in the late 19th century today. Students will learn to evaluate the medium of film as an art form and understand its significance as an instrument of cultural diffusion in American history. Students will also analyze film as a reflection of the larger trends in popular culture, with an emphasis on how film reflects the issues of gender, race, and class in American society. With parent permission, R-rated films may be shown.

**SOCIAL SCIENCE ADVANCED PLACEMENT COURSES****ADVANCED PLACEMENT PSYCHOLOGY (Y) #0183AP**

Prerequisite	School	Grades	Credit
Completion of Biology	ORHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. This course provides a stimulating and challenging experience for able students, preparing them for the Advanced Placement Psychology Exam.

**ADVANCED PLACEMENT WORLD HISTORY (Y) #0174AP**

Prerequisite	School	Grades	Credit
Teacher recommendation	EDHS, ORHS, PHS, UMHS	10	5 units per semester
<i>Meets UC Requirement: UC A-G: a</i>			

The purpose of the Advanced Placement World History course is to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This course focuses primarily on the past 1,000 years of the global experience and builds on an

understanding of cultural, institutional, and technological precedents that, along with geography, sets the human stage prior to 1,000 A.D. This course provides a stimulating and challenging experience for able students, preparing students for the Advanced Placement World History Exam.

### ADVANCED PLACEMENT U.S. HISTORY (Y) #0163AP

Prerequisite	School	Grades	Credit
Teacher recommendation. Application required	EDHS, ORHS, PHS, UMHS	11	5 units per semester
<i>Meets UC Requirement: UC A-G: a</i>			

This course is designed to prepare students for the rigorous AP exam covering colonial times to the present, emphasizing political, sociological, economic, and aesthetic aspects of our nation's history.

### ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS (Y) #0171AP

Prerequisite	School	Grades	Credit
Teacher recommendation.	EDHS, ORHS, PHS, UMHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: a and g</i>			

This course meets the graduation requirement as well as prepares students for the AP exam. Readings are on college introductory course level. Written and oral presentations require critical thinking skills and organization.

### ADVANCED PLACEMENT MICROECONOMICS (S) (Y) #0189AP

Prerequisite	School	Grades	Credit
Teacher recommendation.	ORHS, PHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

### ADVANCED PLACEMENT MACROECONOMICS (S) (Y) #0188AP

Prerequisite	School	Grades	Credit
Teacher recommendation.	PHS, UMHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Work is on a college introductory course level. An AP course in Macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops familiarity with economic performance measures, economic growth, and international economics.

## STUDENT SUCCESS

### CAREER EXPERIENCE (Y) #0762

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>			

Career Experience will teach students valuable work skills in exploring employment opportunities and maintaining a job. Students will work under supervision at various job sites to gain real-world work experience. This class will also review budgeting paychecks, managing time, and maintaining a healthy lifestyle.

### INDEPENDENT LIVING SKILLS A-D (Y) #0817

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>			

This class will focus on practical applications of daily living skills, self-help skills, communication, personal management, and community skills. Students will build individual skills as well as work in teams/groups to apply independent living skills. Each course, A through D, will progress through the same benchmarks, but with emphasis in different activities.

### INSPIRE INDEPENDENT LIVING (Y) #0818

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>			

This class will focus on practical applications of daily living skills, self-advocacy skills, communication, personal management and community skills. Students will build individual skills, work in teams/groups to apply daily life skills.

### PATHWAY MATH (Y) #0796

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma. This course may be repeated.</i>			

This course will expose students to concepts in pre-algebra, geometry, and financial analysis as well as application of those concepts. In addition, students will improve their proficiency in basic computational and procedural skills, develop conceptual understanding, and become more adept at problem solving.

**PATHWAY ALGEBRA (Y) #0799**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma. This course may be repeated.</i>			

This course will focus on concepts in Algebra 1 and application of those concepts. In addition, students will improve their proficiency in basic computational and procedural skills, develop conceptual understanding, and become more adept at problem solving.

**READING BASICS (Y) #0806**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>			

This reading course will emphasize the development of decoding strategies, fluency, and comprehension. Students will be provided with the basic support of comprehension strategies as needed to understand a variety of reading materials. These skills will support students to be more active, strategic readers and will promote learning in all subject areas as well as reading for pleasure and in practical situations. Attitudes about reading will be addressed and students will be encouraged to develop positive concepts of themselves as readers.

**PATHWAY ENGLISH I, II, III, and IV (Y) #0798**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma. This course may be repeated.</i>			

This course exposes students to a variety of genres that are entered upon transcendent themes, including the following: Growth Mindset; Perception; Science of Learning; Self-Determination; Cross-Cultural Themes; Individual Freedoms; and Nonfiction Science and History. Students will develop the following skills: analysis and synthesis of literary and informational texts; writing convention and strategies; and speaking and listening techniques and expectations.

**PATHWAY LIFE SCIENCE (Y) #0787**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course will focus on Biology; the study of living systems. Students will be exposed to concepts fundamental to the understanding of all life include: biological molecules, energy transfer through photosynthesis, cell respiration and fermentation, cell structure and function, classification, DNA structure and function, protein synthesis, genetics, evolution, and ecology.

**PATHWAY PHYSICAL SCIENCE (Y) #0782**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course exposes students to concepts in geometry and application of those concepts. In addition, students will improve their proficiency in basic computational and procedural skills, develop conceptual understanding, and become more adept at problem solving. Chemical principals will be applied to inquiry, investigation, and application to real-world and global challenges.

**PATHWAY U.S. HISTORY (Y) #0789**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course exposes students to a multidisciplinary approach to the study of American historical perspective, including geography and government, with a focus on U.S. growth and involvement with the world.

**PATHWAY WORLD HISTORY (Y) #0173**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course exposes students to world cultures including global, cultural, and historical backgrounds. The course will emphasize cooperative learning, classroom discussion, and technology to promote and enhance the understanding and appreciation of world cultural views.

**PATHWAY GOVERNMENT (Y) #0783**

Prerequisite	School	Grades	Credit
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course exposes students to the study of the Constitution, Bill of Rights, the Courts, Legislative Branches, and state and local governments. This course will include both historical information, current events, and daily application of community government applications.

### **PATHWAY ECONOMICS (Y) #0785**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
IEP team recommendation.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>This course meets elective credit for certificated students and alternative diploma credit for those who meet qualifications for the Alternative Pathway to a diploma.</i>			

This course exposes students to basic economic concepts and vocabulary, and the development and operation of the U.S. market economy from both the microeconomic and macroeconomic context. Students will compare the U.S. economy to other countries to help better understand global economies and how it affects everyone.

## **VISUAL AND PERFORMING ARTS**

### **ART 1 (Y) #0601**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
None	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. May <u>not</u> be repeated for elective credit.</i>			

This is an introductory art class into the fundamentals of drawing, painting, print-making, art history, art appreciation, and aesthetic judgment. Projects in the class will emphasize the elements and principles of design and varied technical skills, such as drawing and painting. This course is a prerequisite for Art II/ Advanced and AP Art.

### **ART 2/ADVANCED (Y) #0602**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of B or better in Art 1 and teacher approval.	EDHS, ORHS, PHS, UMHS, IHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Advanced Art is an extension of the skills and techniques developed in Art 1. This course is intended for students who wish to continue their studies of drawing, painting, art history and design at a more advanced level.

### **ART APPRECIATION (Y) #0619**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of B or better in Art 1 and teacher approval.	All sites	10-12	5 units per semester
<i>Based on national standards developed by the Consortium of National Arts Education Association and key state standards.</i>			

This online learning course is a survey of the history of Western visual arts, with a primary focus on painting. Students are introduced to the basic principles of painting and learn how to critique and compare works of art. Students also explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and matters that emerged in Italy and northern Europe. Students continue their art tour with the U.S. during the 20th century and finish by studying traditions from Africa, Asia, Oceania, and the Americas.

### **YEARBOOK (Y) #0600**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
An application/interview process is required of students to obtain teacher approval. PHS students are also required to obtain an administrator's approval	EDHS, ORHS, PHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

This course offers instruction in and practice of the principles of yearbook production. Students will gain skills in design, layout, photography, salesmanship, PageMaker, and word processing computer skills. (PageMaker is not offered at EDHS).

### **3-D ART: CERAMICS/SCULPTURE (PREVIOUSLY 3-D DESIGN) (Y) #0607**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
None	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Introduces the basic elements and principles of design involved with 2- and 3-dimensional art. Areas of study may include ceramics, sculpture, fiber art, stained glass, computer graphics, and other media. The course involves 2- and 3-dimensional design and satisfies the VAPA graduation requirement. This course is a prerequisite for Advanced Sculpture (Advanced 3-D Design). Problem solving is emphasized.

### **ADVANCED 3-D ART: SCULPTURE (PREVIOUSLY ADVANCED 3-D DESIGN) (Y) #0608**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of B or better in Sculpture (3-D Design) and teacher approval	EDHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit with a grade B or better and teacher approval.</i>			

This course is designed for the serious art student who wants to continue working with 2- and 3-dimensional design on a more advanced level. Class work and individual assignments will be emphasized throughout the year. Elements and principles of design are emphasized. Computer graphics may be presented. This course satisfies the VAPA graduation.



**ADVANCED 3-D ART: CERAMICS (PREVIOUSLY ADVANCED 3-D DESIGN CERAMICS) (Y) #0612**

Prerequisite	School	Grades	Credit
Grade of C or better in Sculpture (3-D Design) or teacher approval	EDHS, ORHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

This advanced 3-dimensional design class explores various hand building and potter's wheel techniques along with staining and glazing of finished ceramic projects.

**ART ADVANCED PLACEMENT COURSES****ADVANCED PLACEMENT ART AND DESIGN (Y) #0606AP**

Prerequisite	School	Grades	Credit
Teacher approval	EDHS, ORHS, PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for credit with a grade B and teacher approval.</i>			

The AP Art and Design program enables highly motivated students to do college-level work while in high school. AP Art and Design is not based on a written examination; instead, candidates submit a portfolio of work for evaluation and possible college credit at the end of the school year. AP work does involve significantly more time and commitment than most high school courses; therefore, the program is intended for students seriously committed to the study of art.

**DANCE****DANCE I (S) (Y) #0627**

Prerequisite	School	Grades	Credit
None	EDHS, ORHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Dance I is an introduction to different types of dance and basic dance technique—jazz and ballet primarily. Creative expression, music interpretation, and elements of choreography will be explored as well as the History of Dance.

**DANCE II (S) (Y) #0628**

Prerequisite	School	Grades	Credit
Completion of Dance I.	EDHS, ORHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Dance II continues to develop the dancer as an artist and technician. Emphasis is placed on technique and style, choreography, and performance components. Production elements, such as basic training in makeup, costuming, and directing, will be developed throughout this course. A course requirement includes 5 hours per semester of extracurricular dance/theater experience. Each student will perform in front of a school or community audience regularly.

**DANCE III (S) (Y) #0640**

Prerequisite	School	Grades	Credit
Completion of Dance I and II or teacher approval	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Dance III is a course designed for students who are interested in pursuing an academic and extracurricular experience in dance but need to further develop technical and performance skills before enrolling in Dance Production. Emphasis will be placed on developing technical strength, performance confidence, and personal responsibility in developing artistic goals. Each student may perform in front of a school or community audience regularly.

**DANCE PRODUCTION (S) (Y) #0629**

Prerequisite	School	Grades	Credit
Audition or teacher approval	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

This year long course is designed to support serious dancers in pursuit of academic and extracurricular experience in dance. Students will be required to develop artistic goals and work to achieve them through technique and performance. Students will study in detail various dance styles through research and choreography as well as create, develop, and teach their own dance works to the school and community. A focus on the elements of production will be required, including, but not limited to, sets, costumes, lighting, and make-up. Attendance is mandatory at all performances and extra rehearsals.

**CHOREOGRAPHY (Y) #0641**

Prerequisite	School	Grades	Credit
Teacher recommendation and/or approved application.	EDHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This advanced level dance course develops knowledge and skill in the theory and craft of choreography. It entails elements of dance making such as qualities of movement, musicality, and concept development. Students will develop their choreography using building blocks as steps of the choreographic process including: inspiration, music choice, analyzing lyrics, and developing a theme. Students Attention is given to developing appropriate skill level composition for the coinciding course the student is developing the choreography for. Students taking dance choreography will be developing their skills by introducing their movement to the class they are assigned to. (Either Dance 1, Dance 2, or Dance 3). By leading their peers, this experience will allow them to experience group design (solos, duets, small ensembles, or diverse groupings); and broaden their experience in public speaking.

## DRAMA

### **THEATRE 1 (PREVIOUSLY DRAMA) (Y) #0620**

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

The first semester will survey the basic skills every actor needs, such as theatre terminology, movement, improvisation, and vocal techniques. The second semester will explore acting techniques, including extensive practice in character development, line interpretation, and stage presence, culminating in performance. Course requirement includes 10 hours per semester of extracurricular theatre experience.

### **ADVANCED THEATRE (PREVIOUSLY ADVANCED DRAMA) (Y) #0621**

Prerequisite	School	Grades	Credit
Grade of C in Theatre 1 or teacher approval	EDHS, ORHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Advanced acting requires a full understanding of the theatre, past and present, so students will study history and genre through class activities and scene work in a variety of periods and types of plays. Training in makeup, costuming, sound and lighting techniques, and directing will also be offered. Play production will be part of the class as well. Students will develop a promotional campaign, design programs and sets, pursue acting and script skills such as identification of a playwright's intent, what mood a play requires and how sets affect the play. The emphasis will be on theatre as an art form. Course requirement includes 20 hours per semester of extracurricular activity.

### **ADVANCED THEATRE 2/3 (PREVIOUSLY ADVANCED DRAMA 2<sup>ND</sup> YEAR) (Y) #0622**

Prerequisite	School	Grades	Credit
Grade of C in Theatre 1 and Advanced Theatre	EDHS, ORHS, PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

Advanced Theatre 2/3 will further explore all aspects of theatre, including an in-depth inquiry into history and genre through class activities and scene work in a variety of periods and types of plays. The courses will incorporate rehearsal discipline and professional standards to prepare them for careers in theater. In Advanced Theatre 2, the emphasis will be on performing styles and a variety acting approaches to the art form including playwriting and adaptation. In Advanced Theatre 3, the emphasis will encompass performing complex works in addition to understanding the societal, cultural, and historical context of theatre perspectives with the goal to deepen global awareness and understanding social and political context. Course requirement includes 20 hours per semester of extracurricular/co-curricular activity

### **TECHNICAL THEATRE AND PRODUCTION (PREVIOUSLY THEATRE TECHNOLOGY AND PRODUCTION) (Y) #0625**

Prerequisite	School	Grades	Credit
Grade of C in Theatre 1 or teacher approval	EDHS, ORHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

The Theatre Technology and Production class is designed to give the student an overview of the various components that make up the practical/ technical side of the performing arts. The class will survey the areas of business management, costuming, lighting, makeup, promotion, set construction, sound, and team building. Each element will be explored from the standpoint of concept, design, and practical application, with opportunities for implementation during one of the season's productions. Careers in theatre will also be investigated, through research using our extensive Career Center, interviews with working professionals, and optional internship assignments.

## MUSIC

### **MUSIC APPRECIATION (Y) #0671**

Prerequisite	School	Grades	Credit
None	All sites	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. Also meets graduation requirements for VAPA.</i>			

This online course explores the interface of music and social movements and examines how the emergent global society and the Internet are bringing musical forms together in new ways from all around the world. Music Appreciation introduces students to the history, theory, and genres of music from the most primitive surviving examples through the classical to the most contemporary in the world at large. The course is offered in a two-semester format: The first semester covers fundamental concepts of sound, music, and Western notation and "classical" music from the Middle Ages to Contemporary. The second semester presents the rich modern traditions, including: American Jazz, blues, pop, rock and roll, hip-hop, electronic dance music, and music for film and stage.

### **BEGINNING/INTERMEDIATE BAND (S) (Y) #0650**

Prerequisite	School	Grades	Credit
Teacher approval	PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is designed for freshman students. It is an introductory course in instrumental music at the high school level. This course is also designed for those music students who are past the beginning stage but do not qualify for the advanced unit. All or some of the students in this band may be used in performance of the advanced band from time to time. May be repeated for credit.

### **BEGINNING/INTERMEDIATE INSTRUMENTS (S) (Y) #0653**

Prerequisite	School	Grades	Credit
Teacher approval	EDHS, ORHS, PHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is designed for students with an interest in learning or improving their skills on an instrument. Students may study woodwinds, brass, percussion, guitar, piano, electric bass, or strings.

### ADVANCED BAND: SYMPHONIC/MARCHING BAND (Y) #0655

Prerequisite	School	Grades	Credit
Teacher approval	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is for advanced music students. The first part of the year is spent as a marching band. At the conclusion of the football season, the band prepares for the concert season. Attendance is required at all performances and extra rehearsals. This is a performance-oriented class.

### ADVANCED BAND: CONCERT BAND (Y) #0656

Prerequisite	School	Grades	Credit
Teacher approval	PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is for the advanced music student and recommended for all incoming freshmen, cross-country runners, varsity and junior varsity football players, and those students who do not want to be involved in marching band. Attendance is required at all performances and extra rehearsals.

### ADVANCED BAND: WIND ENSEMBLE (Y) #0657

Prerequisite	School	Grades	Credit
Teacher approval	ORHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is open to all advanced wind, brass, and percussion students. Enrollment may be limited, which may call for auditions in sections having more people than needed. This is a performance class for students interested in improving their musicianship through performance of serious musical literature and study of advanced theory and music history. Attendance is required at all performances and extra rehearsals.

### ENSEMBLE CLASS: VOICE (S) (Y) #0664

Prerequisite	School	Grades	Credit
Teacher approval	PHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is for those music students who are interested in improving their musicianship through the performance of serious musical literature and the study of advanced theory and ear training. Performances include solos, duets, trios, and other small ensembles.

### JAZZ ENSEMBLE (S) (Y) #0652

Prerequisite	School	Grades	Credit
Teacher approval	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course is open to all advanced sax, trumpet, trombone, and rhythm players. Enrollment may be limited, which may call for auditions in those sections having more people than needed. Students may be required to enroll concurrently in Advanced Symphonic/Marching Band, Wind Ensemble, or Concert Band, at the discretion of the instructor. This is a performance class, which follows the same basic rules as Advanced Band (see above). Music played will be accepted jazz improvisation as well as standard repertoire. Attendance is required at all performances and extra rehearsals. This is a performance-oriented class.

### GENERAL CHORUS (S) (Y) #0660

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This is a basic singing class. This is the only singing class open to freshmen without auditions. It is required for preparation for advanced singing courses. Basic techniques of breath control, tone production, reading music, vowel tone, and consonant articulation. Some public performance is required.

### TREBLE ENSEMBLE (S) (Y) #0661

Prerequisite	School	Grades	Credit
One year in General Chorus (or advanced singing group at another high school) and/or teacher approval.	ORHS, PHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This is an advanced two, three, and four-part singing course. Attendance is required at all performances. All members are automatically members of combined chorale.

### A CAPPELLA CHOIR (S) (Y) #0662

Prerequisite	School	Grades	Credit
One year in General Chorus (or advanced singing group at another high school) with a grade of B or better, and/or teacher approval.	ORHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course includes three- to eight-part singing a cappella as well as accompanied. Attendance is required at all performances. All members are automatically members of combined chorale.

**A CAPPELLA CHOIR II (S) (Y) #0674**

Prerequisite	School	Grades	Credit
One year in General Chorus (or advanced singing group at another high school) and/or teacher approval. Additionally, students must audition for entrance into this choir.	PHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This course includes three- to eight-part singing, a cappella, as well as accompanied, of advanced choral literature. Attendance is required at all performances. All members are automatically members of combined choir, Chorale. May be repeated for credit.

**BARITONE CHOIR (S) (Y) #0663**

Prerequisite	School	Grades	Credit
One year in General Chorus (or advanced singing group at) and/or teacher approval	ORHS, PHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This is a class in vocal performance for the baritone or changing voice. All members are automatically members of the Chorale (combined vocal classes). This is a performance course and attendance is required at all events.

**MUSIC ADVANCED PLACEMENT COURSES****ADVANCED PLACEMENT MUSIC (Y) #0667AP**

Prerequisite	School	Grades	Credit
Teacher approval.	PHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit.</i>			

This is an advanced college-level music course. Music theory is the main area of concentration. This course is recommended for serious students of music who want to improve their musicianship as well as their musical knowledge.

**WORLD LANGUAGES****FRENCH 1 (Y) #0401**

Prerequisite	School	Grades	Credit
Grade of C or better in English; interest in French language and culture.	ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

French 1 develops the four skills of communication: listening, speaking, reading and writing, and explores cultures of the French-speaking world. Students are provided language-use activities that enable them to function in common daily setting for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life, comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic French speakers.

**FRENCH 2 (Y) #0402**

Prerequisite	School	Grades	Credit
Grade of C or better in French 1; interest in French language and culture.	ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

French 2 continues to develop the four skills of communication: listening, speaking, reading and writing, and to deepen knowledge of cultures of the French-speaking world. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life, comprehend and be understood by sympathetic French speakers.

**FRENCH 3 (Y) #0403**

Prerequisite	School	Grades	Credit
Grade of C or better in French 2; interest in French language and culture.	ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

French 3 continues to develop the four skills of communication; listening, speaking, reading, and writing, and to deepen student knowledge of cultures of French-speaking world. French is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in most informal and some formal settings; understand the main ideas and most supporting details in concrete and factual texts (oral/writing), and produce paragraph-level discourse, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs; and comprehend and be understood by sympathetic French speakers.

**FRENCH 4 (Y) #0404**

Prerequisite	School	Grades	Credit
Grade of B or better in French 3; interest in French language and culture.	ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

French 4 continues to develop the four skills of communication: listening, speaking, reading and writing, and further deepens student knowledge of cultures of the French-speaking world. Grammar from level 1 to 3 is reviewed. French is the primary language of classroom communication and instruction. Students

are provided language-use activities that enable them to function in informal and most formal settings; understand the main ideas and supporting details in concrete, factual and some abstract texts (oral/written), and produce language beyond the paragraph, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs and essays; and comprehend and be understood by sympathetic French speakers.

#### **FRENCH 4 HONORS (Y) #0404H**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>B</i> or better in French 3; interest in French language and culture.	ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

French 4 Honors continues to develop the four skills of communication: listening, speaking, reading and writing, and further deepens student knowledge of cultures of the French-speaking world. Grammar from level 1 to 3 is reviewed. French is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in informal and most formal settings; understand the main ideas and supporting details in concrete, factual and some abstract texts (oral/written), and produce language beyond the paragraph, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs and essays; and comprehend and be understood by sympathetic French speakers.

#### **GERMAN 1 (Y) #0405**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in English; interest in the Germanic language and culture, and good study habits.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course is an introduction to German language that includes grammatical structures and development of all four skills of communication: listening, speaking, reading and writing. The class will use an oral and written approach to practice structural material. Students must actively participate at all times and complete daily homework assignments. Students will also explore the cultural aspects of German-speaking countries.

#### **GERMAN 2 (Y) #0406**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in German 1; interest in the Germanic language and culture.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course is a continuation of elementary German, further developing speaking, listening, reading and writing skills through activities centered around topics like family life, school life, leisure activities, travel, geography, and festivals, that help students increase their understanding of Germanic cultures and customs.

#### **GERMAN 3 (Y) #0407**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in German 2; good study habits, and teacher recommendation.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course is a continuation of language usage and structure study, taking students through a thorough review of all verb tenses as subjunctive mood is introduced. Students will further develop their language skills via oral and written activities. Students will study history of Germanic-speaking countries and people, and read and interpret Germanic literature.

#### **GERMAN 4 (Y) #0408**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in German 3; good study habits; interest in Germanic language and culture; and teacher recommendation.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Students receive a thorough review of language structure and refinement of all language skills through study of history, culture, current media, and contemporary language samples as well as Germanic literature. This course can be an excellent preparation for students who wish to take the Advanced Placement Examination in German.

#### **JAPANESE 1 (Y) #0425**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in English; interest in Japanese language and culture.	ORHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Japanese 1 develops the four skills of communication: listening, speaking, reading and writing, and explores cultures of the Japanese-speaking world. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life; comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic Japanese speakers.

#### **JAPANESE 2 (Y) #0426**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Grade of <i>C</i> or better in Japanese 1	ORHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Japanese 2 continues to develop the four skills of communication (listening, speaking, reading and writing) and further deepens student knowledge of the Japanese-speaking world. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life; comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic Japanese speakers.

### JAPANESE 3 (Y) #0427

Prerequisite	School	Grades	Credit
Grade of C or better in Japanese 2 and approval of teacher	ORHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Japanese 3 continues to develop the four skills of communication (listening, speaking, reading and writing) and further deepens student knowledge of the Japanese-speaking world. Japanese is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in most informal and some formal settings; understand the main ideas and most supporting details in concrete and factual texts (oral/written), and produce paragraph-level discourse, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs; and comprehend and be understood by sympathetic Japanese speakers.

### JAPANESE 4 (Y) #0428

Prerequisite	School	Grades	Credit
Grade of C or better in Japanese 3.	ORHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Japanese 4 continues to develop the four skills of communication (listening, speaking, reading and writing) and further deepens student knowledge of cultures of the Japanese-speaking world. Grammar from levels 1 to 3 is reviewed. Japanese is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in informal and most formal settings; understand the main ideas and supporting details in concrete, factual, and some abstract texts (oral/written), and produce language beyond the paragraph, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs and essays; and comprehend and be understood by sympathetic Japanese speakers.

### SPANISH FOR HERITAGE LEARNERS 1 (Y) #0437

Prerequisite	School	Grades	Credit
Teacher or counselor approval.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course directs itself to a Heritage Learner – a student who speaks and understands Spanish in the home with limited fluency, and has limited to no skills in reading and writing Spanish. The student may experience problems with spelling, reading and written work (such as written accents, common spelling and grammatical tendencies for Heritage Learners). The course explores the Heritage Learner's first language of Spanish, and the cultural experiences brought to the classroom. It also explores the culture, history and heritage of the principal groups of Hispanics in the United States and the twenty-one Spanish-speaking countries.

### SPANISH FOR HERITAGE LEARNERS 2 (Y) #0436

Prerequisite	School	Grades	Credit
Teacher or counselor approval.	EDHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course directs itself to a Heritage Learner- a student who speaks and understands Spanish in the home with some fluency, and has some degree of skills in reading and writing Spanish. The student may experience problems with spelling, reading and writing work (such as written accents, common spelling and grammatical tendencies of Heritage Learners.) The course explores the Heritage Learner's first language of Spanish, and the cultural experiences brought to the classroom. It also explores the culture, history and heritage of the principal groups of Hispanics in the United States and of the twenty-one Spanish-speaking countries.

### SPANISH 1 (Y) #0411

Prerequisite	School	Grades	Credit
Grade of C or better in English is recommended.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Every student develops communication skill that are interpersonal and presentational and develop intercultural competence and become global citizens. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life, comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic Spanish speakers.

### SPANISH 2 (Y) #0412

Prerequisite	School	Grades	Credit
Grade of C or better in Spanish 1.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Every student develops communication skills that are interpersonal and presentational and develop intercultural competence and become global citizens. Spanish 2 continues to develop the four skills of communication (listening, speaking, reading and writing) and to deepen knowledge of cultures of the Spanish-speaking world. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life, comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic Spanish speakers.

**SPANISH 3 (Y) #0413**

Prerequisite	School	Grades	Credit
Grade of C or better in Spanish 2.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Every student develops communication skills that are interpersonal and presentational and develop intercultural competence and become global citizens. Students are provided language-use activities that enable them to function in common daily settings for which they have rehearsed; understand learned words and phrases in unfamiliar texts (oral/written) and produce learned words and phrases; deal with discrete elements of life, comprehend and produce memorized material orally and in writing; and comprehend and be understood by sympathetic Spanish speakers.

**SPANISH 4 (Y) #0414**

Prerequisite	School	Grades	Credit
Grade of C or better in Spanish 3; good study habits.	EDHS, ORHS, PHS, UMHS	9-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Spanish 4 continues to develop the four skills of communication: listening, speaking, reading, and writing, and further deepens student knowledge of cultures of the Spanish-speaking world. Grammar from levels 1 to 3 is reviewed. Spanish is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in informal and most formal settings; understand the main ideas and supporting details in concrete, factual, and some abstract texts (oral/written), and produce language beyond the paragraph, simple narration, description, and explanation; deal with topics related to the external environment; comprehend and produce oral/written paragraphs and essays; and comprehend and be understood by sympathetic Spanish speakers.

**WORLD LANGUAGES ADVANCED PLACEMENT COURSES****ADVANCED PLACEMENT SPANISH LANGUAGE (Y) #0410AP**

Prerequisite	School	Grades	Credit
Grade of B or better in Spanish 3 or Spanish 4; teacher recommendation; an interest in the Spanish language and culture.	EDHS, ORHS, PHS, UMHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

This course is equivalent to a 3rd year college course in Spanish composition and conversation, taught exclusively in the target language with no English. The course also stresses oral skills, composition, and grammar. Students are trained in organizing and writing compositions. The reading of a variety of Spanish literature is required. A College Board Examination that measures achievement in this course is administered in the spring by which a student may receive college credit, depending upon college entrance policies.

**ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE (Y) #0420AP**

Prerequisite	School	Grades	Credit
Grade of A in French 3 and teacher recommendation	PHS, UMHS	11-12	5 units per semester
<i>Meets UC Requirement: UC A-G: e</i>			

Equivalent to a 3rd-year college French course in grammar, reading, composition, and conversation. Stresses speaking and listening skills, composition, and grammar. This course provides extensive preparation for the spring administration of the AP exam. This course is conducted in French.

**CAREER TECHNICAL EDUCATION (CTE)****AGRICULTURE AND NATURAL RESOURCES****INTRODUCTION TO AGRICULTURE SCIENCE (Y) #0704**

Prerequisite	School	Grades	Credit
Interest in Agriculture.	PHS, UMHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course is available to all students who have never taken a vocational agriculture class. It is the first year of a 2-year core program followed by Agriculture Biology. The course introduces students to the basic elements of plant science, animal science, agriculture business, California agriculture, leadership, and the FFA (Future Farmers of America). Students will have the opportunity to gain field experience through the development of a supervised occupational experience. As a vehicle for developing leadership skills students will be exposed to the FFA and its many opportunities.

**AGRICULTURE BIOLOGY (Y) #0706**

Prerequisite	School	Grades	Credit
None	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Agricultural Biology is a 1-year, laboratory science course designed for the student with career interests in agriculture. Using agriculture as the learning vehicle, the course emphasizes the principles, central concepts, and inter-relationships among the following topics: molecular and cellular aspects of life, chemical and structural basis of life, energetics of life, growth and reproduction in animals, evolution of modern plants and livestock species, plant and animal genetics, taxonomy of modern agricultural plants and animals, animal behavior, ecological relationships among plants, animals, humans and the environment, nutrition in animals, health and diseases in animals, and similarities between animals and humans. The course is centered on an extensive laboratory component in order to connect the big ideas of life science with agricultural applications and other curricular areas, including written and oral reporting and leadership.

### AGRICULTURAL MECHANICS TECHNOLOGY (Y) #0702

Prerequisite	School	Grades	Credit
None	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course will offer students, who have a career interest in the field of agriculture, the opportunity to advance their skills in the area of agricultural mechanics. Students will learn, understand and employ basic skills in the area of woodworking, electrical systems, plumbing, cold metal processes, concrete, welding technology, and small engines. Application of current safety standards and procedures will be a component of each study unit. Additional areas of study will include career planning and leadership development through participation in FFA. The maintenance of a Supervised Agricultural Experience (SAE) project to develop hands-on skills outside of class will be an integral part of the course.

### ADVANCED AGRICULTURAL MECHANICS TECHNOLOGY (Y) #0725

Prerequisite	School	Grades	Credit
Completion of Agricultural Mechanics Technology and teacher approval.	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Advanced Agricultural Mechanics Technology is an extension of and builds upon skills and knowledge learned in Agricultural Mechanics Technology. This course will offer Sophomores, Juniors and Seniors the opportunity to further advance their skill proficiencies in the areas of woodworking, metalworking, project planning, tool fitting, electricity and electronics, plumbing, cold metal processes, concrete, welding technology, hydraulic and pneumatic systems and basic construction techniques. Comprehensive understanding and application of current safety standards and procedures will be a component of each study unit. Career planning and leadership development through participation in FFA and the maintenance of a Supervised Agricultural Experience (SAE) project will be an integral part of the course.

### AGRICULTURAL MECHANICS 3 (Y) #0726

Prerequisite	School	Grades	Credit
Completion of Agricultural Mechanics & Advanced Agricultural Mechanics.	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course is the third class offered in the Agriculture Mechanics Pathway within EDHUSD. In this course, students will continue to build on the knowledge and skills gained in the Advanced Ag Mechanics course relating to the transfer of matter and energy through electrical, fluid, thermal and mechanical systems. They will also study more advanced fundamentals of mechanical and structural systems and facilities. Course expectations include the design and construction of large projects and compilation of detailed written reports of the process involved in its design and fabrication. Students will explore professional opportunities in the field of agricultural engineering. Integral to this will also be the opportunity to participate in activities developed through the FFA student leadership organization. By participating in this program, students will be better prepared to advance into post-secondary industry certification programs and/or Agriculture Engineering programs at the college or university level.

### FLORAL AND LANDSCAPE DESIGN (Y) #0703

Prerequisite	School	Grades	Credit
Completion of Intro to Agriculture Science.	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: f</i>			

This course is designed to teach students the theories and principles of artistic design. The students will apply an artistic approach to floral design while exploring and acquiring practical skills. Students will perform 2- and 3-dimensional designs, understand the history of floral art, develop arrangement styles and techniques, and design seasonal and holiday designs. Students will achieve this through using balance, symmetry, harmony, unity, and texture throughout the course. The curriculum will include problem solving, creative thinking, and written and verbal communication skills. This college-prep course will meet the VAPA requirement for high school graduations.

### ADVANCE FLORAL AND LANDSCAPE DESIGN (Y) #0731

Prerequisite	School	Grades	Credit
Completion of Intro to Agriculture Science.	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Advanced Floral Design allows students to learn professional florist skills and to increase their knowledge needed for employment in the floral industry. Curriculum focuses on a continued accumulation of knowledge and then the advancement of applicable hands-on skills. Students will explore the floriculture industry on a more technical and advanced level including: the proper care and handling of flowers, plants and foliage; the evaluation of floral materials and arrangements; the utilization of floral tools, supplies, and products to apply design principles to floral media; the construction of arrangements for all occasions; the marketing and pricing of floral designs; and the preservation of floral materials. The art elements and principles of design will serve as a foundation for each unit covered. Students will be exposed to careers available in agriculture business. All agriculture students are automatically members of the FFA, and participation in FFA leadership-development activities and Supervised Agricultural Experience Program projects (SAEs) will be graded components of this course. At the end of the course, students will be prepared to secure a job in the floral industry and can challenge themselves by taking the state standardized floral design certification assessment.

### FLORAL DESIGN 3 – RETAIL FLORAL (Y) #0732

Prerequisite	School	Grades	Credit
Satisfactory completion of Floral Design and Advanced Floral Design.	PHS, UMHS	11 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course is a continuation of advanced floral techniques and also covers the retail aspect of the floral industry in depth. Students not only add to their skill levels by designing wedding, sympathy, and event floral work but will also learn how to complete client consultations and pricing estimates. Students will learn customer service skills and improve on leadership skills to prepare them for a career in the floral industry. This course is largely hands-on in nature.



**AGRICULTURE FOOD SCIENCE (Y) #0712**

Prerequisite	School	Grades	Credit
Completion of Intro to Agriculture Science.	UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

The course is designed to help students learn the relationships between agriculture, food, science, and nutrition. Basic laws of Chemistry, Biology, Microbiology, and Physics are applied to the production, processing, preservation, and packaging of food. Problem-solving and experimentation will provide application opportunities for sciences as well as educate students so that they may become informed consumers of food products. Whenever possible, food products used in experimentation in class will be locally grown and harvested to deepen the appreciation of food production and use. Throughout the course, students will have the opportunity to participate in intra-curricular FFA activities as well as the development and maintenance of a Supervised Agricultural Experience (SAE).

**ADVANCED AGRICULTURE FOOD SCIENCE (Y) #0728**

Prerequisite	School	Grades	Credit
Completion of Agriculture Food Science	UMHS	11 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course is designed as the capstone course as part of a sequence in the Agriculture and Natural Resources sector Agriscience pathway. Students will utilize their skills in designing, cultivating, growing, and harvesting crops from the garden plots that they have been established to cultivate and prepare meals and seasonal menus that incorporate items from the garden and farm that represent healthy and nutritious food choices aligned to the "whole system" farming in modern cuisine. Students will deepen their understanding of the essential requirements in growing and tending their plots and farm in order to produce variety and maximize crop yield. Students will explore the history of agriculture in California and research the concept of "Passive Agriculture" utilized by indigenous Californians and the disconnect that exists between post-modern urban society and nature. Students will research and illustrate contemporary industrialized agriculture and its effect on farming techniques including livestock locally, nationally, and globally and explain the emerging, innovative, and controversial trends in agriculture production and harvesting. Students will design gardens for their neighborhoods that support the community as a whole in planning and preparing meals that are from farm to table in support of healthy eating and nutrition to address the health challenges facing the community.

**AGRICULTURE LEADERSHIP (Y) #0708**

Prerequisite	School	Grades	Credit
Completion of Agriculture Science with a grade C or better.	PHS, UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This elective course is designed to improve the leadership skills of students interested in agricultural occupations. In addition to exploring different leadership styles, this course will improve students' skills in the areas of Goal-setting, Organization, Communication, Time and Resource Management, Public Speaking, Career Development, and Conflict Resolution. This course will combine the areas of classroom, FFA, and supervised occupational experience programs for the complete education of future leaders in agriculture.

**ANIMAL SCIENCE (Y) #0724**

Prerequisite	School	Grades	Credit
Completion of Intro to Agriculture Science, or teacher approval.	PHS, UMHS	11 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course will expand on Animal Science knowledge that was learned in Agriculture Science. Students will learn scientific concepts related to animals and apply these in hands-on situations. The FFA leadership organization and Supervised Agricultural Experience Projects are an integral part of this class.

**ROP ANIMAL HEALTH (Y) #0965**

Prerequisite	School	Grades	Credit
Completion of Biology.	UMHS (2 hours/day)	11 -12	360 hours, 10 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

The intent of this yearlong course is to prepare high school students to work in the Animal Health industry. The course focuses on livestock and small animals. Upon completion of this course, students will have knowledge and hands-on experience in the areas of specific animal species, health and diseases, animal behavior, livestock and small animal procedures, and veterinary assistance. Second semester, students work in community classrooms related to the Animal Health industry. Example community classrooms may include veterinary clinics, pet groomers, retail animal health businesses, horse facilities, ranches, and zoos. Students will meet once per week in the classroom and then be in community classrooms for the remainder of their hours. Field trips and guest speakers will enhance instruction. The course also includes instruction in the FFA leadership organization, careers, and supervised occupational and agricultural experience projects, and job readiness. \*ROP classes are available to all district students. Students are responsible for their own transportation to classes.

**CALIFORNIA NATURAL RESOURCES I (Y) #0336**

Prerequisite	School	Grades	Credit
Completion of Biology, Chemistry, and Geometry.	EDHS	11	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course is the first CTE course in the Natural Resources program at EDHS. During the year, students will investigate local ecosystems and the environmental issues associated with these areas. Students will complete field studies to help relate cause and effect patterns within the environment. Community service will be an ongoing part of this program.

**CALIFORNIA NATURAL RESOURCES II (Y) #0337**

Prerequisite	School	Grades	Credit
Grade of C or better in NR Biology, AP or Non-AP Environmental Science (or concurrent enrollment), Geometry, and California Natural Resources 1.	EDHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This course is the second and final science-based CTE course in the Natural Resources program at EDHS. During the year, students will focus on independent projects, develop project management skills, and manage an independent or small group project to develop leadership skills, inquiry skills, goal setting, time management, and communication skills. Students will continue to complete field studies to help relate cause and effect patterns within the environment. Community service and a senior project are a required part of this program.

**CALIFORNIA NATURAL RESOURCES CHEMISTRY (Y) #0338**

Prerequisite	School	Grades	Credit
Completion of Algebra I or Biology with a grade of C or better.	EDHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Natural Resources Chemistry applies chemistry principles to inquiry, investigation, and application involving real-world environmental issues as they relate to renewable and nonrenewable resources. This place-based curriculum utilizes EDHS's East Campus to study the chemistry of soil, vegetation, water, wildlife, minerals, and energy resources in the context of human use, sustainability, and resilience. Application, teacher recommendation and interview are required to be considered for the Natural Resources Program.

**CALIFORNIA NATURAL RESOURCES BIOLOGY (Y) #0339**

Prerequisite	School	Grades	Credit
Concurrent enrollment or completion of Algebra I.	EDHS	12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

Natural Resources Biology is a laboratory science focused on understanding life on Earth. This place-based curriculum utilizes EDHS' s East Campus to study scientific skills, ecology, cellular structure and function, genetics, and evolution. The course is the first of a 4-year Natural Resources Pathway and will develop skills for student success in college and career. Application, teacher recommendation and interview are required to be considered for the Natural Resources Program.

**ENVIRONMENTAL BOTANY (Y) #0332**

Prerequisite	School	Grades	Credit
Biology, with a passing grade of C or better.	EDHS	10-12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This upper division science course is offered to students with a desire to learn about ecologic and economic functions of plant cultivation with respect to common horticultural and native plants. They will study and know how to identify, grow, harvest and care for commonly grown species of plants. Students will learn about the biological role of plants and the human impacts on, and care of plants, within an ecosystem. Moreover, they will gain knowledge of nursery and greenhouse management that will ultimately prepare the student to gain employment, study plant conservation, or tend to and care for their own garden.

**ARTS, MEDIA, AND ENTERTAINMENT****ADVANCED VIDEO PRODUCTION (Y) #0489**

Prerequisite	School	Grades	Credit
Grade of C or better in ICT Foundations, a grade of B or better in English.	PHS	10-12	5 units per semester

This course will use various computer technology concepts and applications to apply the skills of pre-production through post-production, including development of treatments, storyboarding, script writing, filming, and editing to the production of projects, programs, and broadcasts in the DB-TV Studio. Students will learn to work in production teams as directors, on-air talent, audio engineers, switchers, graphics technicians, etc., as they produce longer quality feature programs for the school network, and, potentially, for community cable broadcasts. The class will also offer opportunities to visit area television studios and to participate in summer training at UCLA.

**ICT DIGITAL MEDIA (Y) #0453**

Prerequisite	School	Grades	Credit
ICT Foundations with a grade of C or better	PHS	9 -12	5 units per semester

Information and Communication Technology (ICT) Digital Media is designed for college-bound students who have already mastered the skills taught in the Foundations course and are interested in a career that requires a working knowledge of effective technology, or are ready to join the workforce. Students are provided with the skills necessary to read, write, and compute as they carry out instruction. Listening and oral communication skills are emphasized as students interact with other members of a team. A cornerstone of this class includes accepting job responsibilities and applying the ability to know how to learn and be willing to learn to keep competitive in our ever-changing digital world, along with the teamwork necessary to complete a task and enhance presentations with technical, graphic, and design skills. The focus of this course is the graphic design skills, along with technical and business principles, that students will gain as they select a product for their business to effectively promote.

## **BUILDING AND CONSTRUCTION TRADES**

### **WOODWORKING TECHNOLOGY (Y) #0520**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
None	EDHS	9 -12	5 units per semester

Basic techniques in basic construction, cabinet making, furniture construction, upholstery, woodworking, wood finishing, and wood turning. Students develop accuracy, judgment, and craftsmanship, and participate in creative project activities. The correct and safe uses of tools, machines, materials, and processes are emphasized. Second semester offers techniques in finished carpentry, wood finishing related to these areas and wood turning. The student will use tools, machines, and techniques related to the light construction industry. Accuracy, neatness, sound work habits, and safe work practices are stressed.

### **WOODWORKING TECHNOLOGY II (Y) #0528**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Completion of Woodworking Technology or Engineering Design I.	EDHS	10 -12	5 units per semester

This course will enhance the student's ability to use the tools of the construction trades while gaining the confidence to work safely. The student will learn advanced techniques and applications of the use of tools and equipment in the construction of those elements that make up the job of a finished cabinetmaker and carpenter. Second semester offers techniques in finish carpentry, wood finishing related to these areas, and wood turning. The student will use tools, machines and techniques related to the light construction industry. Accuracy, neatness, sound work habits, and safe work practices are stressed.

## **EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES**

### **CHILD DEVELOPMENT (Y) #0581**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Student interest	PHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course will prepare individuals to understand the physical, mental, emotional, and social growth and development of children, as well as their care and guidance as it pertains to careers and future parenting.

## **ENGINEERING AND ARCHITECTURE**

### **INTRODUCTION TO ENGINEERING DESIGN (IED) PLTW (Y) #0535**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Concurrent enrollment in Algebra 1.	UMHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g and CTE</i>			

In IED, students explore engineering tools and apply a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem based (APB) teaching and learning pedagogy, students' progress from completing structured activities to solving open-ended projects and problems that require them to plan, document, communicate, and develop other professional skills. Students develop skills in technical representation and documentation through 3D computer modeling using a Computer Aided Design (CAD) application.

### **HONORS PRINCIPLES OF ENGINEERING (POE) PLTW (Y) #0536**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Completion of Intro to Engineering and concurrent enrollment in Geometry.	UMHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g and CTE</i>			

POE introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development. This course meets the 3<sup>rd</sup> year requirement of lab science.

### **HONORS COMPUTER INTEGRATED MANUFACTURING (CIM) PLTW (Y) #0537**

<b>Prerequisite</b>	<b>School</b>	<b>Grades</b>	<b>Credit</b>
Completion of Intro to Engineering and Honors Principles of Engineering. Completion of Geometry. Concurrent enrollment in Algebra 2 recommended or teacher recommendation.	UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Honors CIM is one of the specialization courses in the Project Lead the Way engineering program. The course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products all around us. Students build upon their Computer Aided Design (CAD) experience through the use of Computer Aided Manufacturing (CAM) software. Throughout the course, students learn about manufacturing processes and systems. This course culminates with a capstone project where students design, build, program, and present a manufacturing system model capable of creating a product.

## HONORS ENGINEERING DESIGN AND DEVELOPMENT (EDD) PLTW (Y) #0538

Prerequisite	School	Grades	Credit
Completion of PLTW I (IED), PLTW II (POE) and PLTW III (CIM) or PLTW III (CEA). Concurrent enrollment in Algebra 2 or teacher recommendation.	UMHS	11 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with a community mentor and experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem-solving abilities, and their understanding of the design process. This course meets the 3<sup>rd</sup> year requirement of lab science.

## HONORS CIVIL ENGINEERING AND ARCHITECTURE (CEA) PLTW III (Y) #0539

Prerequisite	School	Grades	Credit
Completion of PLTW I (IED) and PLTW II (POE) and completion of Geometry. Concurrent enrollment in Algebra 2 recommended or teacher recommendation	UMHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This 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.

## FASHION AND INTERIOR DESIGN

### FASHION APPAREL AND TEXTILES (Y) #0561

Prerequisite	School	Grades	Credit
Student interest	PHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: f. This course may be repeated for elective credit</i>			

This course emphasizes factors affecting clothing choices and decisions, and teaches students to be better consumers of ready-to-wear apparel. Construction techniques are practiced in a laboratory environment. Career options in this field will also be studied.

### ADVANCED FASHION APPAREL AND TEXTILES (Y) #0562

Prerequisite	School	Grades	Credit
Completion of Fashion, Apparel and Textiles.	PHS	10 -12	5 units per semester
<i>This course may be repeated for elective credit</i>			

This course is designed to provide further study and practice to effectively prepare students with the knowledge, skills, attitudes, and behaviors needed to successfully enter the job market, or to transition to postsecondary education

### ROP COSMOTOLOGY (Y) #0927

Prerequisite	School	Grades	Credit
M-F High School Students: Up to 3.5 Hours per day	*PCA	9 -12	1,600 hours, 15 units per semester

Enter the exciting career of cosmetology and become a hairstylist, platform artist, salon owner, or one of many numerous opportunities available as a licensed cosmetologist. In 1,600 hours, students learn all of the things necessary to take the California State Board Examination course of study: cutting, setting, coloring, permanent waving, and chemical relaxing of hair; artificial nails, manicuring, and pedicuring; and facials and makeup. Available to men and women at least 16 years of age who have completed 11th grade. \*ROP classes are available to all district students. Students are responsible for their own transportation to classes.

## HEALTH SCIENCE AND MEDICAL TECHNOLOGY

### MEDICAL ARTS AND SCIENCE I (Y) #0281

Prerequisite	School	Grades	Credit
Completion of 9th grade Health and enrollment in Health Academy.	EDHS	10 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This one-year course will contain content-specific information and skill-building standards which focus on health-related careers. Specific studies will include the history of the health care industry, knowledge concerning the function of human body systems, knowledge of medical care service systems, and introduction to the standards for learning basic health care skills. Semester 2 will focus on local health career opportunities, health care systems in America, personal application to health careers, and community service participation.

**MEDICAL ARTS AND SCIENCE II (Y) #0284**

Prerequisite	School	Grades	Credit
Completion of Medical Arts and Science I, concurrent enrollment in Algebra 2 or higher, and Chemistry.	EDHS	11 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: d</i>			

This one-year advanced health course will be taught in two integrated semesters. Each semester contains information with specific content and skills building. Semester I will focus on basic health history, knowledge and facts of the human body, systems of medical care, and introductions to health careers. Semester II will focus on health career opportunities, health care systems in America, personal application to health careers, and community service participation.

**ROP HEALTH CAREERS (Y) #0944**

Prerequisite	School	Grades	Credit
2 Hours per Day / M-F	EDHS*	11 -12	360 hours, 10 units per semester

This two-semester course provides students with the basic knowledge and skills necessary to obtain entry-level employment or decide on a specific focus for postsecondary education. After spending the first 18 weeks in the classroom learning how to work in a patient care setting and studying medical terminology, vital signs, CPR, and basic anatomy/physiology, the student is then placed in one of the many health care training sites. After placement, students will follow a training plan for their assigned health facility 8 hours per week and will report for classroom instruction 1 day per week. Students have the opportunity of firsthand experience in up to two different settings, allowing them to pursue a specific area in higher education and/or gain employment upon completion of the course. Students may earn certifications in CPR, First Aid, and National Certified Medical Assistant.

\* ROP classes are available to all district students. Students are responsible for their own transportation to classes.

**ROP DENTAL CAREERS (Y) #0928**

Prerequisite	School	Grades	Credit
3 Hours per Day / M-F	PCA*	11 -12	540 hours, 15 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This two-semester course provides students with basic knowledge of the duties of a dental assistant. After classroom instruction, students receive in-service training in a local dental office where they observe and perform dental procedures. This community class training consists of approximately 220 hours. After placement, students will follow a training plan for their assigned dental facility 12 hours per week and will report for classroom instruction 1 day per week. Students earn certifications in Radiology, OSHA, CPR, Infection Control, and Dental Practice Act.

\* ROP classes are available to all district students. Students are responsible for their own transportation to classes.

**HOSPITALITY, TOURISM AND RECREATION****CULINARY I (Y) #0553**

Prerequisite	School	Grades	Credit
Student Interest	EDHS, ORHS, PHS	9 -12	5 units per semester
<i>Meets UC Requirement: UC A-G: g</i>			

This course covers the relationship of nutrition to health and well-being; the selection preparation and care of food, meal management and optimal use of food dollars. In addition, the course demonstrates competencies needed for planning, preparing and serving food attractively and nutritiously within a given time schedule. At ORHS, cooking lab is limited to once per week.

**CULINARY II (Y) #0556**

Prerequisite	School	Grades	Credit
Completion of Culinary I with a grade of C or better and teacher approval.	EDHS, ORHS, PHS	10 -12	5 units per semester

This course builds on those units and skills learned in the Culinary I class. It covers selection, preparation, and care of food in meal management, as well as budgeting. Students prepare and serve meals to staff and/or students during the second semester. In addition, students' study and prepare foods from geographic regions in the United States and/or foods of other cultures. Career options and speakers are emphasized in this course.

**ROP CULINARY ARTS (Y) #0961**

Prerequisite	School	Grades	Credit
3 Hours, 20 minutes per Day / 3 Days per Week / M, T, Th or M, W, F	EDHS*	11 -12	360 hours, 10 units per semester

This competency-based course prepares students for entry-level positions in the restaurant/ food service industry and/or for postsecondary training. Included are core content standards, such as sanitation, food service operations, nutrition, food preparation, and presentation. Integrated throughout the course are career preparation standards, such as basic academic skills, communication, inter- personal skills, problem solving, safety, technology, and other employment skills. Meal preparations and catering are an integral part of this program. Students may earn CA Food Handlers certification.

\* ROP classes are available to all district students. Students are responsible for their own transportation to classes.

**INFORMATION AND COMMUNICATION TECHNOLOGIES****EXPLORING COMPUTER SCIENCE (Y) #0455**

Prerequisite	School	Grades	Credit
Completion of Algebra 1.	ORHS, PHS, PCA	9 -12	5 units per semester
<i>Meets UC Requirement: g and CTE. Course meets District technology requirement.</i>			

Exploring Computer Science is a hands-on introduction to computer architecture, programming, and using the computer as a creative tool. The class is taught in the computer lab and is project-based, rather than textbook-based. The class is divided into six basic units. Units consist of: a survey of computer architecture and human/computer interaction, algorithmic problem-solving, web site development, program design and development using Scratch, data analysis, and robotics. Each unit uses a series of projects of increasing complexity to introduce, refine, and integrate programming and development concepts, culminating with a "capstone" project as a unit final.

### PRINCIPALS OF INFORMATION TECHNOLOGY (Y) #0456

Prerequisite	School	Grades	Credit
None	ORHS, UMHS, IHS, PCA	9 -12	5 units per semester

This course allows students to explore careers in information technology and business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Students will learn what to expect in the field of Information Technology and begin exploring career options in the field. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.

### INTERNET OF THINGS FUNDAMENTALS (Y) #0458

Prerequisite	School	Grades	Credit
Completion of AP Computer Science Principles or Exploring Computer Science or teacher recommendation.	PHS	10 -12	5 units per semester

*Meets UC Requirement: g*

Introduction to the Internet of Things (IoT), where people, processes, things, and data are connected via emerging Internet technologies. A variety of networking and computer hardware devices will be integrated into end-to-end systems to solve practical problems.

### ADVANCE PLACEMENT COMPUTER SCIENCE PRINCIPLES (Y) #0241AP

Prerequisite	School	Grades	Credit
Completion of Algebra 1	ORHS, PHS	10 -12	5 units per semester

*Meets UC Requirement: g*

Designed to be equivalent to a first-semester introductory college computing course. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. The course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.

### ADVANCE PLACEMENT COMPUTER SCIENCE A (Y) #0243AP

Prerequisite	School	Grades	Credit
Grade of B or better in Algebra 2 or Advanced Algebra 2, or teacher recommendation.	ORHS, PHS	11 -12	5 units per semester

*Meets UC Requirement: g*

This course includes all the topics of Advanced Placement Computer Science A emphasizing object-oriented programming methodology with a concentration on problem solving and algorithm development. It also includes the study of data structures, design, and abstraction. The course is designed for students with no prior computing experience and is meant to be the equivalent of a first-semester college-level course in Computer Science.

## MANUFACTURING AND PRODUCT DEVELOPMENT

### METALS (Y) #0530

Prerequisite	School	Grades	Credit
None	EDHS	9 -12	5 units per semester

This program is designed to provide the student with vocational experiences associated with the general metals area of sheet metal and bench metal, welding, foundry, forging, and machine tools. The student will explore the modern concepts and trends affecting the metalworking industry. It also looks into the social, economic, and ecological impact technology has had on our society. This program also provides the student an opportunity to develop competencies in metal fabrication and machine tool operation.

### ENGINEERING DESIGN AND MANUFACTURING I (Y) #0517

Prerequisite	School	Grades	Credit
None	EDHS	9 -12	5 units per semester

This is a 1-year course for students with little or no drafting background. This course is recommended as a prerequisite for all engineering, construction, and manufacturing classes. Basic skills of sketching, board drawing, and computer operations are emphasized.

### ENGINEERING DESIGN AND MANUFACTURING II (Y) #0518

Prerequisite	School	Grades	Credit
Completion of Engineering Design and Manufacturing I.	EDHS	10 -12	5 units per semester

This is a 1-year course for students who wish to continue learning about engineering design. Students will use the principles learned in Engineering I, understand how basic machines work, and to apply these mechanical devices to design features to solve engineering problems. Problem solving techniques will also be applied to architectural problems. All work will be assembled into the student's portfolio.

## INTRODUCTION TO MANUFACTURING AND ENGINEERING (Y) #0531

Prerequisite	School	Grades	Credit
None	ORHS	9 -12	5 units per semester

Introduction to solid modeling software which is the foundation for all modern mechanical engineering and manufacturing systems. The course also covers the basics of modern machining, welding and other technologies such as 3D printing and electro-mechanical systems. is a 1-year course for students who wish to continue learning about engineering design. Students will use the principles learned in Engineering I, understand how basic machines work, and to apply these mechanical devices to design features to solve engineering problems. Problem solving techniques will also be applied to architectural problems. All work will be assembled into the student's portfolio.

## MANUFACTURING AND ENGINEERING TECHNOLOGY (Y) #0516

Prerequisite	School	Grades	Credit
None	ORHS	9 -12	5 units per semester

*This course may be repeated for credit.*

This course represents a contextualized, laboratory-based, integrated curriculum opportunity for students to learn about drafting and design, machining and forming, welding and materials joining, and product innovation and design. Students will develop critical thinking skills through a variety of multimodal, problem-solving techniques. Students will gain hands-on skills in basic machine shop practices, measurement systems, shop safety practices, drilling machines, grinding machines, and milling machines. The integrated content focuses on competence in an age of rapidly advancing technology; and providing students with the basis for making a wise academic and career choice.

## ADVANCED MANUFACTURING AND ENGINEERING TECHNOLOGY (Y) #0515

Prerequisite	School	Grades	Credit
Completion of Manufacturing and Engineering Technology.	ORHS	10 -12	5 units per semester

*Meets UC Requirement: g. This course may be repeated for credit.*

Advanced Manufacturing and Engineering Technology builds upon the skills and knowledge learned in Manufacturing and Engineering Technology. This course will offer Sophomores, Juniors and Seniors the opportunity to further advance their skill proficiencies in the areas of graphic design, machine tooling and forming, engineering design, project planning, tool fitting, and product innovation and design. Comprehensive understanding and application of current safety standards and procedures will be a component of each study unit. Career planning, project innovation, and ship will be integral parts of the course.

## ROP METAL FABRICATION/WELDING (Y) #0932

Prerequisite	School	Grades	Credit
3 days per week / M, T, TH	EDHS*	11 -12	180 hours, 5 units per semester

This 2-semester Metal Fabrication/ Welding course is designed to provide the student with entry-level skills in the metal working trades with special emphasis on welding. Metal fabrication tools and practices are also taught which provide competencies common to the machine tool, plant maintenance, heavy construction, millwright, and industrial services trades. Students are generally expected to enter the class with some background, such as a high school general metal course, although students may enter without any formal background training with the instructor's permission. Some students may opt to continue with enrolling in a third or fourth semester. \*ROP classes are available to all district students. Students are responsible for their own transportation to classes.

## MULTIPLE SECTORS

### WORK EXPERIENCE (S) (Y) #0873

Prerequisite	School	Grades	Credit
Student must be 16 years of age, eligible to receive a work permit, and complete the Work Experience Education Training Agreement.	EDHS, ORHS, PHS, UMHS, PCA, IHS	10 -12	5 or 10 units per semester, depending on hours worked

Work Experience Education (WEE) is designed to give the student a thorough knowledge of the fundamental principles of work and to provide training in a semi-skilled/skilled service occupation. The principles are applied to actual school approved work-related worksites on a part-time basis. The classroom instructor is the WEE teacher coordinator and works with the student to be successful. Real-world experiences through hands-on applications at the worksite are strengthened through the students' daily-related class. The student's general educational background is enhanced as it relates to the student's employment. This also teaches the student the role of worker and citizen. This knowledge is helpful to each student for personal employment/careers and further educational attainment. The student must pass both classroom and employer's evaluation to receive credit. Students are responsible for transportation to their worksite.

## PUBLIC SERVICES

### ROP LAW ENFORCEMENT (S) (Y) #0933

Prerequisite	School	Grades	Credit
2 hours per day / M – F	PHS*	10 -12	360 hours, 10 units per semester

This course is designed to acquaint the student with every facet of the criminal justice field and includes instruction in firearms, elementary law, unarmed defense, rights of citizens, and court procedure. The entire scope of careers in law enforcement is discussed covering every level from federal to state to local. Students learn how to apply for and pass law enforcement entry examinations. In addition, students are taught the proper way to complete job application forms and are exposed to "mock oral", which simulates the stress of an actual job interview. The student has an opportunity to get to know professionals in the field through guest speakers, and instructional trips. \*ROP classes are available to all district students. Students are responsible for their own transportation to classes.

**ROP FIRE CONTROL TECHNICIAN (Y) #0948**

Prerequisite	School	Grades	Credit
2 hours per day / M – F	UMHS*	10 -12	360 hours, 10 units per semester

This course is designed to prepare students for entry-level positions in the fire service. This would include city fire departments, county fire districts, California Department of Forestry, California Parks, U.S. Forest Service, Bureau of Land Management, and private companies involved in fire service and fuels management. Major areas of training and/or certification include State Firefighter I Training, Wild Land Fire Training, EMS First Responder Training, Hazardous Materials Training, and CPR Training. As part of their training, students may be expected to spend part of the second semester in an on-the-job training experience with local fire agencies. \* *ROP classes are available to all district students. Students are responsible for their own transportation to classes.*

**TRANSPORTATION****AUTOMOTIVE TECHNOLOGY I (Y) #0540**

Prerequisite	School	Grades	Credit
Teacher approval	EDHS, PHS	10 -12	5 units per semester

This is an introductory class designed to expose the student to the basic automotive systems and their functions. Information will be presented through lecture, demonstrations, and selected lab activities. Topics to be covered are engine performance, power train components, ignition, fuel, emissions, cooling, and suspension and brake systems. In the beginning class, students will remove and replace parts; in the advanced class, students will remove and repair parts.

**ROP AUTOMOTIVE ENGINE (Y) #0921**

Prerequisite	School	Grades	Credit
3 days per week / M, W, F	EDHS*	10 -12	180 hours, 5 units per semester

This program helps students prepare for a career in the mechanic's trade. Students receive in-depth classroom theory and detailed lab instruction in operation and trouble-shooting of all major systems and components. Emphasis for the first semester is on tune-ups, complete checking of batteries, starting and charging systems, fuel injection systems, and valve work. Major emphasis is placed on automotive electricity. Second semester emphasis is on complete drum and disc brake theory and servicing. Wheel alignment and power trains are also included. A working knowledge of basic math, including fractions and decimals, is highly desirable. \* *ROP classes are available to all district students. Students are responsible for their own transportation to classes.*

**ROP DIESEL ENGINE (Y) #0926**

Prerequisite	School	Grades	Credit
2 days per week / M- F	PHS*	10 -12	360 hours, 10 units per semester

The Diesel Engine program is designed to mix classroom instruction with hands-on training, including the basics of diesel technology, repair techniques and equipment, and practical exercises. Principles and theories are studied by running, testing, diagnosing, disassembling and reassembling components, systems, and engines. Students also learn how to interpret technical manuals and electronic diagnostic reports. Graduates can continue their education at American River College to obtain a Diesel Technology degree. College credit may be available through American River College. \* *ROP classes are available to all district students. Students are responsible for their own transportation to classes.*

**NON-DEPARTMENTAL****ICT FOUNDATIONS (S) #0451**

Prerequisite	School	Grades	Credit
None	EDHS, ORHS, PHS, UMHS, IHS, PCA	9 -12	5 units per semester

*Course meets District technology requirement.*

Information and Communications Technology (ICT) Foundations has been designed to prepare students to employ critical thinking and problem solving skills in a variety of real world scenarios. The overarching objective of the course is to expose students to an array of programs, applications, and technology and provide the groundwork for success throughout a student's educational career. Students will engage in a host of hands-on activities designed to enhance technological efficiency and promote a positive future in the digital world. ICT Foundations will provide students with tools necessary to be a well-qualified participant in today's perpetually changing global economy. After completing this course students will have fulfilled the El Dorado Union High School District Technology Requirement needed for graduation and be able to select from a variety of courses within the ICT pathway.

**COMPUTER APPLICATIONS (S) (Y) #0467**

Prerequisite	School	Grades	Credit
None	All sites	9 -12	5 units per semester

This online course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications.

**STUDENT LEADERSHIP (Y) #0877**

Prerequisite	School	Grades	Credit
EDHS: Elected by student body or representatives, 2.0 GPA. ORHS: Elected by student body.	EDHS, ORHS, PHS, UMHS, IHS, PCA	9 -12	5 units per semester



PHS: Elected by student body or appointed by the ASB Cabinet, 2.0 GPA, and no failing grades. UMHS: Elected by student body or selected through an application process.			
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This online course combines classroom instruction with leadership practices in a laboratory of practical school situations. It provides student leaders with the opportunity to study the basic concepts of democratic government, the meaning and techniques of leadership, parliamentary procedure, group processes, and the principles of human behavior, the objectives of education, and many problems of school administration. It provides opportunities to develop speaking and writing skills; to improve in courtesy, poise, and appearance; to work with peers of diverse backgrounds and attitudes; and to share responsibilities with adults and consider common problems. After school participation is mandatory.

### STUDENT LEADERSHIP I (Y) #1877

Prerequisite	School	Grades	Credit
None	ORHS, UMHS, PCA	9 -12	5 units per semester

This course is designed for the student interested in learning the basic concepts of the democratic process, leadership skills, parliamentary procedures, group processes, and organization in a laboratory of practical school situations. It affords the student a classroom environment to practice speaking and writing responsibility with both peers and adults.

### YEARBOOK (Y) #0876

Prerequisite	School	Grades	Credit
An application/interview process is required of students to obtain teacher approval.	UMHS	9 -12	5 units per semester

This course offers instruction in and practice of the principles of yearbook production. Students will gain skills in design, layout, photography, salesmanship, PageMaker, and word processing computer skills.

### LIFE SKILLS/PEER COUNSELING (Y) #0885

Prerequisite	School	Grades	Credit
Application and screening in May for the following year's class. Students will be selected based on interest, desire, and ability to help others.	ORHS, PHS	11 -12	5 units per semester

This is a unique class designed to take students from all walks of life and put them in a family-type situation designed to improve their listening skills, problem solving and decision-making techniques. The class stresses confidentiality as each student learns to be sensitive to other students' problems and feelings and evaluate their own behavior. By completing levels of achievement, students will be eligible to become peer listeners during second semester and work individually with students who are having interpersonal and school-related problems during second semester.

### STUDY SKILLS (Y) #0915

Prerequisite	School	Grades	Credit
Student interest	ORHS, PHS	9 -12	5 units per semester

This 1-semester course is designed for students interested in improving their study skills in order to succeed in academically demanding classes. This course offers instruction in time use, organizational skills, textbook analysis, note taking, listening skills, researching and writing reports, library and reference skills, memory techniques, and test-taking strategies.

### PEER ADVOCACY (S) (Y) #0883

Prerequisite	School	Grades	Credit
No academic prerequisites but an application and interview process will be conducted.	EDHS, ORHS, UMHS, IHS	11 -12	5 units per semester
<i>Meets UC Requirement: g</i>			

This course seeks to heighten the self-esteem of students, strengthen bonds within the school community, and promote the social-emotional well-being of all students in high school. To achieve this, students will be trained to utilize interpersonal skills to support their peers with guidance and empowerment through empathy and understanding. The course begins with a self-study to understand how our past circumstances have shaped what we value, realizing that everyone has unique as well as universally shared life experiences and that we all have different values. From this seed of empathy, the students grow to learn communication and conflict resolution skills. Throughout the class, students transfer these new skills to other students whom they have assisted with conflict mediation and educational outreach.

### ACADEMIC SUPPORT CLASS (S) #0709

Prerequisite	School	Grades	Credit
Student need for remediation and/or assistance.	EDHS, ORHS, PHS, UMHS, IHS	9 -12	5 units per semester

This elective course is designed to assist students who need additional support and assistance in the core subjects of English, math, social studies, and science. Students are placed in these shadow courses based on all or a combination of the following: CST scores, transcripts, 504 plan, IEP, student and/ or parent request, and counselor recommendation. The class includes direct instruction and tutorial. In math, science, and social studies, direct instruction is used to review materials previously covered in class and to preview upcoming lessons. Since English teachers are all on different schedules because of the availability of supplementary novels and materials, the guided instruction includes a variety of lessons to support students in reading comprehension, vocabulary development, grammar, and writing strategies and applications. This course offers instruction in time management, organizational skills, reading analysis, note-taking, test-taking, and other strategies to promote self-directed learners across the curriculum.

**ACADEMIC PEER TUTORING (7) #0905**

Prerequisite	School	Grades	Credit
Teacher recommendation, 3.0 or higher GPA, tutor application and interview. (Class enrollment in Honors and/or Advanced Placement classes is site-specific).	EDHS, ORHS, PHS, UMHS	11 -12	5 units per semester

This elective course trains peer tutors to enhance the skills of students. Tutors will model and practice effective tutorial group strategies, develop higher order questioning techniques, review methods of working with students' writing, and provide an opportunity for students to discuss and solve problems. Under the supervision of the classroom teacher, the peer tutors provide instruction individually and in small groups, assist in all subject areas using class notes and materials, and determine from these materials the concepts that need to be reviewed. They conduct brainstorming and prewriting sessions, working with students at all phases of the writing process. Tutors lead discussions and analysis of the academic subjects in which students are enrolled. Other responsibilities may include grading tests and/or homework.

**AVID I (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) INTRODUCTORY SKILLS (Y) #0907**

Prerequisite	School	Grades	Credit
Recommended 2.0–3.5 GPA, enrollment in Algebra 1 or Geometry, successful completion of 8th grade and student interview, parent contract, teacher recommendation. Recommended for first in family to attend college.	EDHS, UMHS	9	5 units per semester

*Meets CSU and UC requirement: g*

This elective course is for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in tutor-led collaborative groups. The course offers instruction in time use, organizational skills, textbook analysis, listening skills, library and reference skills, mnemonic techniques, note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness. In addition, the course includes college motivational activities. The AVID curriculum focuses on writing, inquiry, and collaboration (WICOR) through the AVID high school libraries in both teacher- and tutor-led activities.

**AVID II (Y) #0908**

Prerequisite	School	Grades	Credit
Recommended 2.0–3.5 GPA, enrollment in Algebra 1 or Geometry, successful completion of AVID I or student interview, high school motivation and attitude, parent contract, teacher recommendation. Recommended for first in family to attend college.	EDHS, UMHS	10	5 units per semester

*Meets CSU and UC requirement: g*

This elective course is for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually, as well as in tutor-led collaborative groups. Note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities. The AVID curriculum focuses on writing, inquiry, and collaboration (WICOR) through the AVID high school libraries in both teacher- and tutor-led activities.

**AVID III JUNIOR SEMINAR (Y) #0909**

Prerequisite	School	Grades	Credit
Completion of AVID II	EDHS, UMHS	11	5 units per semester

*Meets CSU and UC requirement: g*

This course is a class for college-bound students. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Students work individually, as well as in tutor-led collaborative groups. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities. The AVID curriculum focuses on writing, inquiry, collaboration, and reading (WICOR) through the AVID high school libraries in both teacher- and tutor-led activities.

**AVID IV SENIOR SEMINAR (Y) #0911**

Prerequisite	School	Grades	Credit
At least 2.0 GPA, enrollment in Algebra 2 or Advanced Algebra 2, completion of AVID III.	EDHS, UMHS	12	5 units per semester

*Meets CSU and UC requirement: g*

This course is an elective for college-bound students. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Students work individually as well as in tutor-led collaborative groups. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities. The curriculum focuses on writing, inquiry, collaboration and reading (WICOR) through the AVID high school libraries in both teacher- and tutor-led activities.

**AVID PEER TUTOR (Y) #0906**

Prerequisite	School	Grades	Credit
Teacher recommendation, tutor application and interview, 3.0 or higher GPA, and enrollment in Honors and/or Advanced Placement classes.	EDHS, UMHS	11-12	5 units per semester

This elective course trains peer tutors to enhance the skills of students. Tutors will model and practice effective tutorial group strategies, develop higher order questioning techniques, review methods of working with students' writing, and provide an opportunity for students to discuss and solve problems. Under the supervision of the AVID teacher, the AVID tutors provide instruction individually and in small groups, assist in all subject areas using class notes and materials, and determine from these materials the concepts that need to be reviewed. They conduct brainstorming and prewriting sessions, working

with students at all phases of the writing process. Tutors lead discussions and analysis of the academic subject in which students are enrolled in as well as lead Socratic Seminars that focus on critical thinking skills. Other responsibilities may include grading AVID binders for organization and content.

### COLLEGE AND CAREER PREP I (S) #0214

Prerequisite	School	Grades	Credit
None	All sites	9 -12	5 units per semester
<i>This course is based on the American School Counselors Association National Standards.</i>			

This online course teaches students what it takes to be a successful college student and how to begin thinking about their careers. Students are informed about the importance of high school performance in college admissions, how to prepare for college testing, and know the types of schools and degrees they may choose to pursue. Students will also gain exposure to the financial resources available. Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters and how smart preparation and skill development in high school can lead to expansive career opportunities. Students who complete this course have the basic skills and foundation of knowledge to progress to the more advanced college and career preparation courses.

### COLLEGE AND CAREER PREP II (S) #0215

Prerequisite	School	Grades	Credit
Completion of College and Career Prep I or equivalent recommended.	All sites	9 -12	5 units per semester
<i>This course is based on the American School Counselors Association National Standards.</i>			

This online course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options. This course also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities, such as job shadowing and internships, when preparing for a career. Students who complete this course obtain a deeper understanding of college and career rough informative, interactive critical thinking and analysis activities while sharpening their time management, organization and skills to be successful in college and beyond.

### LIVING ON YOUR OWN (S) #0591

Prerequisite	School	Grades	Credit
Student interest	IHS	11 -12	5 units per semester

During the course students will have the opportunity to prepare for the future job market, as well as learn how to manage their money once they have a job. Students will also research the process of buying a car and renting/buying an apartment or house. They will become smart consumers and develop a decision-making process that can be used in their everyday lives. Finally, relationships, family relations and child rearing will be discussed in terms of financial and emotional implications.

### CALIFORNIA CADET CORPS 1-4 (Y) #0912

Prerequisite	School	Grades	Credit
Student interest	UMHS	9 -12	5 units per semester
<i>Meets CSU and UC requirement: g</i>			

This course is designed for students to learn leadership fundamentals exploring the qualities of a good leader, assessing leadership qualities within themselves, and analyze and evaluate the leadership qualities. Students will explore leadership attributes and core leader competencies in the context of practical, hands on and interactive exercises. Illustrate how a leader leads, develops, and achieves. Explain how values impact leadership and develop a personal mission statement with goals. This course will also emphasize American military history focusing on the use of military force in terms of strategy and tactics and as an element in the nation's diplomatic, political, social, economic, and intellectual life. The military considers physical fitness an essential aspect of leadership. The habits of self-discipline required to gain and maintain a high level of physical fitness are inherent to the way of life and must be a part of the character of every student. Students will do a variety of physical fitness activities once a week, and be tested quarterly with an established physical fitness test. Through the school year, students will work on personal development, developing a growth mindset and cultivating resiliency. This course will be conducted in an interactive manner; students will participate in a variety of survival preparedness activities within small groups. Everyone will be responsible for contributing to the success of their learning experience.

## STUDENT ASSISTANT / SERVICE

Student Assistant is an alternative course offering for 11th and 12th grade students who wish to gain experience in such areas as teacher, laboratory, and library or office assistants. Students who successfully perform the duties assigned to them earn a grade and elective credit. The grade and credit count toward graduation and are included in the student's grade point average.

Enrollment in any of the student assistant classes must be arranged in advance. See your counselor for specific information. Students may earn a maximum of 10 credits as a Student Assistant during their high school career. Semester classes are limited to a 1-semester assignment. Under special circumstances a student, with concurrence of teacher and parent, may petition the principal to be allowed to extend the assignment another semester. The extension may not exceed one semester. The principal must be assured that the student will receive new skills, training and/or experiences that will be beneficial to an academic/vocational career.

### CAFETERIA ASSISTANT (S) (Y) #0881

Prerequisite	School	Grades	Credit
Approval of Cafeteria Manager.	EDHS, ORHS, PHS, UMHS	11 -12	5 units per semester

In this course, students receive training by assisting cafeteria staff in the preparation and service of food and cleaning utensils and dishes.

### OFFICE ASSISTANT (S) (Y) #0882

Prerequisite	School	Grades	Credit
Good attendance record, 2.0 GPA, good citizenship, ability to handle detail, and office staff member approval.	EDHS, ORHS, PHS, UMHS, IHS, PCA	11 -12	5 units per semester

Students work as assistants to office staff doing varied clerical duties such as typing, filing, etc.,. Some business experience preferred but not required. Arrangements to sign up for an office assistant must be made by the respective office personnel and student in advance.

### SCHOOL SERVICE/TEACHERS AIDE (S) (Y) #0879

Prerequisite	School	Grades	Credit
Completion and approval of application and approval by teacher, counselor, and assistant principal.	EDHS, ORHS, PHS, UMHS, IHS, PCA	11 -12	5 units per semester

Teacher's Aide assists teacher with basic computer tasks, files, teaching materials; corrects objective tests and quizzes; delivers messages; and performs other clerical tasks to assist the assigned teacher or department.

### LIBRARY MEDIA ASSISTANT (S) (Y) #0880

Prerequisite	School	Grades	Credit
A liking for attention to detail, good attendance, a grade of C or better average in English, consent of the librarian and completion of ICT Foundations is required.	ORHS, PHS, UMHS	11 -12	5 units per semester

The class for library/media assistants consists of many areas of training and practice of clerical, scholastic, and technical skills. It involves working with people, shelving, circulation and processing of materials, book repairing, filing, handling of audiovisual materials and equipment, and working with students on multimedia projects.

### LIBRARY SCIENCE (Y) #0878

Prerequisite	School	Grades	Credit
Completion of English 1 and Information and Communications Technology (ICT) Foundations.	EDHS, ORHS, PHS, UMHS	9 -12	5 units per semester
<i>Meets CSU and UC requirement: g</i>			

This library & information science course offers students both a broad introduction to libraries as well as a specific and intimate knowledge of their own school library. Students will delve into the history, types, and current state of libraries. On a more personal level, students will learn information skills such as the location, evaluation, and use of varied library sources. They will actively participate in the hands-on operation of their school library through the circulation of materials, organization and maintenance of the collection, marketing resources to patrons, and provision of customer service functions. collective experiences for this course will provide students with valuable real-life experience and familiarity with library resources that will serve them well throughout their education and beyond.

### SCIENCE LABORATORY ASSISTANT (S) (Y) #0884

Prerequisite	School	Grades	Credit
Grade of C or better in previous science classes or department approval.	ORHS, PHS, UMHS	11 -12	5 units per semester

In this course, students assist the teacher in preparing laboratory experiments, grading objective tests, performing classroom demonstrations, and generally maintaining clean and safe laboratory conditions.

### SERVICE LEARNING (S) (Y) #0894

Prerequisite	School	Grades	Credit
Grade of C or better in previous science classes or department approval.	ORHS, IHS, PCA	11 -12	5 units per semester

This course is designed for students interested in changing the world. Students work several days each week during school hours in a variety of community service settings from homeless shelters to recycling centers to legislative offices. Placements are determined by student interest and availability. Students also meet in the classroom once a week to discuss their field work and plan other ways to improve society.

# EL DORADO UNION HIGH SCHOOL DISTRICT

## Career Technical Education (CTE) Pathway Courses



### AGRICULTURE & NATURAL RESOURCES

- Agriculture Leadership (PHS)
- Agriculture Biology (PHS & UMHS)
- Agriculture Science (PHS & UMHS)
- Agriculture Food Science (UMHS)
- Agriculture Floral & Landscape Design (PHS)
- Advanced AG Floral & Landscape Design II (PHS & UMHS)
- Advanced AG Floral & Landscape Design III (PHS)
- Agriculture Mechanics Technology (PHS & UMHS)
- Advanced Agriculture Mechanics Technology (PHS & UMHS)
- CA Natural Resources I & II (EDHS)
- Animal Science (UMHS)
- ROP Animal Health (ALL)



### FASHION AND INTERIOR DESIGN

- Fashion Apparel & Textiles (PHS)
- Advanced Fashion Apparel & Textiles (PHS)
- ROP Cosmetology (ALL)



### HEALTH SCIENCE & MEDICAL TECHNOLOGY

- Medical Arts & Science I & II (EDHS)
- ROP Health Careers (ALL)
- ROP Dental Careers (ALL)



### HOSPITALITY, TOURISM & RECREATION

- Culinary I & Culinary II (EDHS, ORHS, PHS)
- ROP Culinary Arts (ALL)



### ARTS, MEDIA & ENTERTAINMENT

- Digital Media (PHS)



### BUILDING & CONSTRUCTION TRADES

- Woodworking Tech I (EDHS)
- Woodworking Tech II (EDHS)



### ENGINEERING & ARCHITECTURE (PLTW UMHS)

- Intro to Engineering Design (PLTW)
- Principles of Engineering (PLTW)
- Eng. Design & Development (PLTW)
- Computer Integrated Manufacturing (PLTW)
- Engineering Design & Architecture I (EDHS)
- Engineering Design & Architecture II (EDHS)



### EDUCATION, CHILD DEVELOPMENT &

#### FAMILY SERVICES

- Child Development (PHS)



### MULTIPLE SECTORS:

- Work Experience Education (ALL)
- Internship (PCA)



### INFORMATION & COMMUNICATION TECHNOLOGIES

- Exploring Computer Science (ORHS, PHS)
- AP Computer Science Principles (ORHS, PHS)
- AP Computer Science A (ORHS, PHS)



### MANUFACTURING & PRODUCT DEVELOPMENT

- Metals (EDHS)
- Intro to Manufacturing & Engineering (ORHS)
- Manufacturing & Engineering Technology (ORHS)
- Advanced Manufacturing & Engineering Technology (ORHS)
- ROP Metal Fabrication/ Welding (ALL)



### PUBLIC SERVICES

- ROP Law Enforcement (ALL)
- ROP Fire Control Technician (ALL)



### TRANSPORTATION

- Automotive Technology I (EDHS & PHS)
- ROP Automotive Engine (ALL)
- ROP Diesel Engine (ALL)

Sign up with your Guidance Counselor or contact:  
**CENTRAL SIERRA REGIONAL OCCUPATIONAL PROGRAM**  
(530) 622-5081 ext. 7239 [www.eduhsd.net](http://www.eduhsd.net)

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**EL DORADO UNION HIGH SCHOOL DISTRICT**  
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