

# COURSE DIRECTORY 2012–13

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January 2012

EL DORADO UNION  
HIGH SCHOOL DISTRICT  
Placerville, CA 95667







## 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 the 240-unit graduation requirement, college entrance information, and 4-year planning guide to assist you in determining the best course of action that best 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 great pride in our District and high schools, and we want parents together with their student to have as much information as possible to set forth a course of study that may be the determining factor for a better future.

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,

Christopher Hoffman  
Superintendent

*"Each Kid, Every Day"*

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## DISTRICT OFFICE

### BOARD OF TRUSTEES

Kevin W. Brown  
 Timothy M. Cary  
 Mary T. Muse  
 Lori M. Veerkamp  
 Todd R. White

### BOARD MEETINGS

6:00 p.m. on the 2nd and 4th Tuesdays of each month in the District Office Boardroom, unless otherwise specified. Refer to the District website 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.net](http://www.eduhsd.net)

### ADMINISTRATION

- Christopher Hoffman—Superintendent

### BUSINESS & OPERATIONS SERVICES

- Baldev Johal—Assoc. Superintendent
- Marti Zizek—Director, Fiscal Services
- Dan Augino—Director, Maintenance & Operations
- Dennis Vanderpool—Director, Transportation

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- Christopher Moore—Asst. Superintendent

### HUMAN RESOURCES

- Stevie Clark—Asst. Superintendent
- Jenisse Bovo—Director

### STUDENT SERVICES, SPECIAL EDUCATION, & ALTERNATIVE EDUCATION

- Steve Volmer—Asst. Superintendent, Student Services
- Karen Schrick—Director, Special Education and 504
- Debby Hanson—Director, Alternative Education

## COMPREHENSIVE HIGH SCHOOLS

### EL DORADO HIGH SCHOOL

Matt Barnes, 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

Stephen Wehr, 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

Lisa Garrett, 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

Tony DeVillie, 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

### SHENANDOAH HIGH SCHOOL

Debby Hanson, Director  
 6540 Koki Lane  
 El Dorado, CA 95623

TEL 530.622-6212  
 FAX 530.622-1071  
 Website: <http://www.shs.eduhsd.k12.ca.us>

### CENTRAL SIERRA REGIONAL OCCUPATIONAL PROGRAM (ROP)

Christopher Moore, Asst. 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://www.eduhsd.k12.ca.us/CTE/CTE%20Home.htm>

### COMMUNITY DAY PROGRAM

Debby Hanson, Director  
 385 Pleasant Valley Road  
 Diamond Springs, CA 95619

TEL 530.622-7090  
 FAX 530.642-2291

### INDEPENDENCE CONTINUATION HIGH SCHOOL

Debby Hanson, Director  
 385 Pleasant Valley Road  
 Diamond Springs, CA 95619

TEL 530.622-7073  
 FAX 530.642-2291  
 Website: <http://www.eduhsd.net/IndependenceHighSchool.htm>

### INDEPENDENT LEARNING CENTER

Debby Hanson, Director  
 385 Pleasant Valley Road  
 Diamond Springs, CA 95619

TEL 530.622-7090, 530.626-3290  
 FAX 530.642-2291

### MOUNTAIN VIEW HIGH SCHOOL

Jennifer Myers, Principal  
 Union Mine High School Campus  
 6530 Koki Lane  
 El Dorado, CA 95623

TEL 530.621-4003, ext. 4111  
 FAX 530.622-6034

Brochure: <http://umhs.eduhsd.net/pdf/mountainviewbrochure.pdf>

Website: <http://www.eduhsd.net/MVHS.htm>

### VISTA HIGH SCHOOL

Lara Clickner, Principal  
 El Dorado High School Campus  
 561 Canal Street  
 Placerville, CA 95667

TEL 530.622-3634, ext. 1097  
 FAX 530.622-1802  
 Website: <http://cougar.eduhsd.k12.ca.us/Vista/vista.htm>

## ON-LINE RESOURCES

### Applying for College and Financial Aid

#### [www.collegeboard.com](http://www.collegeboard.com)

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

#### [www.csumentor.com](http://www.csumentor.com)

Admission requirements for each California State University campus, financial aid options, and on-line application.

#### [www.calstate.edu/datastore/guides.shtml](http://www.calstate.edu/datastore/guides.shtml)

A CSU step-by-step guide for getting to a 4-year university.

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

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

#### [www.ucop.edu/sas/elc](http://www.ucop.edu/sas/elc)

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

#### <http://www.universityofcalifornia.edu/admissions/how-to-apply/personal-statement/index.html>

Tips on writing your UC personal statement.

#### <http://doorways.ucop.edu/list/>

UC certified course list. The lists include the courses that have been certified as fulfilling the "a-g" subject requirements for admission to the University of California as a freshman. The lists also indicate courses that are UC certified honors courses.

#### [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Information on applying for federal and state financial aid. Obtain an on-line PIN (Personal Identification Number) access code at [www.pin.ed.gov](http://www.pin.ed.gov).

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

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

#### [www.fastweb.com](http://www.fastweb.com)

Database of local and national scholarships.

### Applying for Community College and Financial Aid

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

Los Rios Community College District includes:

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/)

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

Sierra College, Rocklin

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

Community Colleges Outside the Sacramento Area.

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

Independent California Colleges and Universities: Research private colleges in California.

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

A community college website focusing on financial aid.

### Other Important Resources

#### <https://www.eligibilitycenter.org>

NCAA eligibility information for student-athletes.

#### Your High School Career Center

- **EL DORADO HIGH SCHOOL**  
Mary Bastian  
Judy Sharp  
(530) 622-3634, ext. 1033
- **OAK RIDGE HIGH SCHOOL**  
Jill Lasko  
(530) 677-4492, ext. 3065 or  
(916) 933-6980, ext. 3065
- **PONDEROSA HIGH SCHOOL**  
Natalie Crapuchettes  
(530) 677-2281, ext. 224 or  
(916) 933-1777, ext. 224
- **UNION MINE HIGH SCHOOL**  
LeeAnn Galbraith  
(530) 621-4003, ext. 4206  
lgalbraith@eduhd.net

## ADMINISTRATIVE INTRA-DISTRICT VOLUNTARY TRANSFER TO COMPREHENSIVE SITES

### Students who live within the El Dorado Union High School District boundaries:

Intradistrict transfers are monitored very closely, rarely granted, and strictly adhered to due to the impact on students who live within the school's boundary.

**Due to school capacity, students are expected to attend their high school based on their home address/residence.** High school attendance boundaries will apply. Very specific criteria is provided in Administrative Regulation 5116.2 that should be read in its entirety; refer to the El Dorado Union High School District website (link to District policies). Intradistrict transfers will be reviewed in January for the following year. **Parents/guardians will be notified by May 1.** One application will be considered during each application period; **multiple applications will not be considered.**

**Interdistrict Transfers (BP/AR 5117) – Students who live outside of the El Dorado Union High School District:** Should an interdistrict (between districts) transfer be granted, the El Dorado Union High School District maintains full discretion for the **school placement** of the incoming student.

**Intradistrict Open Enrollment:** Pursuant to Education Code 35160.5, the Board of Trustees annually reviews Intradistrict Open Enrollment Board Policy and Administrative Regulation 5116.1, which describes the process whereby schools within the district are evaluated to determine if open enrollment can occur based on school capacity and enrollment.

For the 2012–13 school year, Oak Ridge, El Dorado, and Ponderosa high schools will exceed one or more of the capacity standards and are, therefore, not available for open enrollment. For Union Mine High School, an open enrollment process has been conducted and concluded on January 20, 2012.

## GRADUATION REQUIREMENTS

**Parents and students** are urged to read this publication carefully and seriously consider the choices they make. The student's future will be impacted by the planning and decisions they make now.

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

### CURRENT GRADUATION REQUIREMENTS (BP 6146.1)

SUBJECT REQUIREMENTS	YRS	UNITS
English	4	40
Social Studies World History U.S. History / Geog. American Govt./Civics Economics	1 1 0.5 0.5	10 10 5 5
Math 10 units min. for Algebra I	3	30
Physical Science Biological Science	1 1	10 10
Health Education	0.5	5
ICT Foundations (UMHS)		5 (10)
Fine Arts / Foreign Language	1	10
Physical Education: Life Fitness I & II	2	20
Core Units (required subjects) (UMHS) Elective Units (UMHS)		160 (165) 80 (75)
<b>Units Required to Graduate</b>		<b>240</b>
<b>ADDITIONAL REQUIREMENTS:</b>		
<ul style="list-style-type: none"> <li>• Pass California High School Exit Exam in math and language arts.</li> <li>• Demonstrate mastery by passing the six standards of the Computer Literacy test.</li> </ul>		

### FINE ARTS OR FOREIGN LANGUAGE (10-unit requirement)

Students may select classes from either area to meet the high school graduation requirement. *Fine Arts* includes any class from the Visual and Performing Arts Department: Music, Drama, Dance, Arts and Crafts, as well as Floral and Landscape Design or Architectural Design and Graphics. *Foreign Language* may include, but may not be limited to, Spanish, French, German, Japanese, and Italian. No one course may be used to meet the requirement in two areas.

### COMPUTER LITERACY REQUIREMENT

Students may fulfill this requirement by completing the ICT Foundations course or by successfully passing the six standards required on the Computer Literacy test.

### LIFE FITNESS II OPTIONS

Exceptions for student athletes to the Life Fitness II curriculum will be based on predetermined criteria. Contact your counselor for more information.

### REPEATING CLASSES

With the approval of the principal or designee, a student may repeat a course in order to raise his/her grade. Both grades received shall be entered on the student's transcript, but the student shall receive credit only once for taking the course. The highest grade received shall be used in determining the student's overall grade point average.

### CALIFORNIA HIGH SCHOOL EXIT EXAM

The CAHSEE is a test that all California students must pass in math and language arts to graduate from high school. It has been determined that the CAHSEE will cover all the material in the state's mathematics standards, up to and including algebra, and will cover the English/language arts standards in the 9th and 10th grades. The test will be administered on the following dates to 10th, 11th, and 12th grade students who have not passed one or both sections:

GRADE	LANGUAGE ARTS	MATH
10	Mar. 12, 2013	Mar. 13, 2013
11	Nov. 6, 2012 May 14, 2013	Nov. 7, 2012 May 15, 2013
12 + Adult Ed	July 24, 2012 Nov. 6, 2012 Mar. 12, 2013 May 14, 2013	July 25, 2012 Nov. 7, 2012 Mar. 13, 2013 May 15, 2013

Updates and confirmation of test dates for the school year will be published in future school and district publications.

### CERTIFICATE OF GRADUATION OR CERTIFICATE OF GRADUA- TION AND WORKABILITY

Students in special education may earn a Certificate of Graduation or Certificate of Graduation and WorkAbility rather than a diploma as determined by their IEP. Parents may contact their child's special

education case manager for more information.

## CLASS LOADS

El Dorado, Ponderosa, and Oak Ridge high school students in grades 9–11 must be enrolled in a minimum of 60 credits. Seniors must be enrolled in a minimum of 50 credits.

Union Mine High School students in grades 9–12 must be enrolled in a minimum of 30 credits per term.

## EARLY GRADUATION

The district believes that a high school education consists of a full 4-year program. However, should a student wish to graduate early, the student must file a petition with the school principal through their counselor prior to May 1 of their junior year.

## CHARTER SCHOOL

**Shenandoah High School** features a personalized, small-school setting with a lower teacher-to-student ratio. Students are prepared to pass the High School Exit Exam and earn a high school diploma. Each student develops an individual learning plan centered around a curriculum that integrates school-based learning with work-based learning, and includes the opportunity to take classes at Folsom Lake College or ROP courses. Upon completion of a senior thesis project and portfolio, students are ready to apply to college, vocational school, or enter the workforce directly. Career mentors from the business community work with students through an internship program, that provides a seamless integration of school and real-world learning. Parents are also actively involved in the development of the learning plan and participate in evaluating student progress during exhibitions.

## ROP

**Central Sierra Regional Occupational Program (CSROP)** is an integral part of our school system. The purpose of ROP is to provide students with marketable job skills upon graduation. ROP works in cooperation with local businesses in the community to provide students on-the-job training on up-to-date equipment. Members from local businesses and industry are involved in an advisory committee role to ensure meaningful job skill training. Students in ROP must be enrolled in a minimum number of classes.

## ALTERNATIVE EDUCATION

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

**Community Day School** is a small, self-contained, full-time day program available to students who have been expelled from the El Dorado Union High School District. The program is located on the campus of Independence High School, but Community Day students are on a slightly different daily schedule. Satisfactory participation, performance, and meeting the requirements of a defined level system can make earlier transition to Independence High School or the Independent Learning Center a possibility.

**El Dorado Adult School** offers General Education Development (GED) test preparation, and basic education for M.O.R.E. clients. Students may apply through the El Dorado County Office of Education.

For information, call (530) 295-2434, or e-mail [ddeitchman@edcoe.org](mailto:ddeitchman@edcoe.org).

**Independence High School** 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. Eight 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 Learning Center (ILC)** is an alternative program provided for students in the District. Students participating in the ILC are required to meet with an instructor for 1–2 hours once a week and to complete 25 hours of District curriculum at home. Success in the program requires disciplined study habits. Students are encouraged to either take classes at the community college or ROP. Graduation requirements through the ILC are the same as those at the comprehensive sites.

**Mountain View High School (MVHS)** is a small alternative school located on the campus of Union Mine High School. MVHS provides an individualized program for students who need to repair their academic status. Students, at least 16 years of age or older, are assessed to develop an individual learning plan, which may include elective opportunities, work experience, ROP courses, as well as courses required for graduation. A variety of instructional techniques, including individual and group instruction, computer-based instruction, guest speakers and instructors, and field trips, are used along with an involved guidance counselor to provide a comprehensive approach to the development of post-secondary options for each student. The program is designed to facilitate the student's smooth transition back to Union Mine or another comprehensive high school.

**Vista High School** is designed to retain the connection that students have with El Dorado High School, while providing the support and flexibility inherent in a continuation high school program. The design of Vista High School provides a unique blend of the attributes and qualities of both the comprehensive high school and a more student-centered instructional setting. Vista students are permitted to enroll in elective courses at El Dorado High School as space is available.

## 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 student-athletes. Essentially, to apply you must meet minimum requirements for certification, as follows:

## DIVISION I CERTIFICATION

Required	Core Units
English Core	4 yrs
Math Core	3 yrs
Science Core (1 yr of lab science if offered)	2 yrs
Social Science Core	2 yrs
Additional English, Math, or Science	1 yr
Additional Core	4 yrs
<b>Total Core Units</b>	<b>16</b>

### 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 yrs
Math Core	2 yrs
Science Core (1 yr of lab science if offered)	2 yrs
Social Science Core	2 yrs
Additional English, Math, or Science	2 yrs
Additional Core	3 yrs
<b>Total Core Units</b>	<b>14</b>

### 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 physical 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:

Eligibility Center: [http://web1.ncaa.org/ECWR2/NCAA\\_EMS/NCAA.jsp](http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp)

NCAA Publications for the College-Bound Student-Athlete:  
<https://www.ncaapublications.com>

## HIGHER EDUCATION ADMISSION REQUIREMENTS

### TYPES OF SCHOOLS

There are several types of schools for higher learning: community colleges, California State University system, University of California system, private colleges/universities, and vocational schools. It is important to remember that the State University system is different from the University of California system.

### Examples:

**Community Colleges**—American River College, Sacramento City College, Pasadena City College, Cosumnes River College, Folsom Lake College, etc.

**California State University**—Sacramento, Hayward, Long Beach, Chico, Fresno, San Jose, etc.

**University of California**—Davis, Berkeley, Los Angeles, Santa Barbara, Irvine, etc.

**Private Colleges and Universities**—Stanford, University of Southern California, University of the Pacific, etc.

**Vocational Schools**—Heald Business College, Arizona Automotive Institute, Sawyers School of Business, Bauder College, etc. Many excellent vocational programs are also offered at community colleges.

(Note: Catalogs for schools are available on-line.)

### VOCATIONAL SCHOOLS

Vocational and technical training are available through private vocational schools and community colleges. High school academic preparation will help students achieve in both postsecondary settings. Generally, high school completion is the minimum requirement for admission.

Refer to the Community College section and/or visit your school's Career Center to research the individual schools for their enrollment requirements.

## CHOOSING A COLLEGE

It is important to begin your college planning early in high school. This section will assist you with a more strategic approach to planning your best course of action as well as providing guidance to help you discover which college best suits your academic interest.

All students have a variety of opportunities for higher education, and it may take several years to explore all appropriate options. Students who wait until their senior year too often feel rushed since applications for college admission must often be submitted in November. Even 9th grade students need to become aware of college opportunities since college entrance often depends on selecting an appropriate high school program.

Discuss your course of study with your parents or guardians and counselor at least once per semester to ensure that your grades are on track and that your curriculum requirements are focused in the right direction toward your ultimate goal.

**Size of Campus:** Large schools (15,000–35,000) usually offer many majors, extensive activities, large libraries, some large classes, urban atmosphere, and potentially nationally ranked athletic teams. Small schools (under 5,000) usually offer smaller classes, fewer majors, smaller libraries, fewer total activities, and often provide greater opportunities for participation in student activities and/or sports.

**Majors Offered:** You will want a college which has a strong program in your major. Find out about the majors offered by checking college catalogs in the Career Center, visiting the college and talking to college representatives in the Career Center.

**Admission Standards:** Compare your academic record with the high school performance of college freshmen actually admitted at the college(s) you are considering. Admission decisions for most colleges are usually based on the quantity and quality of academic preparation in high school. The first analysis of the high school record usually focuses on the number of years in a subject and level (college-prep, honors, and/or AP) of academic courses. Then, ACT and/or SAT scores are examined. Some colleges will consider/require references, talents, activities, and/or class rank. The Career Center has the entry requirements for most colleges nationwide.

**Cost:** California public college tuitions and fees range from \$864/year\* for community colleges to \$13,200/year\* for the University of California. Independent college tuitions range to \$30,000+ per year. In addition, the cost of food, housing, and books are approximately the same at most colleges. Financial aid and scholarships are possible for eligible students. Don't automatically rule out a college because of costs.

\*For more information on college costs, go to: <http://www.californiacolleges.edu/>

Many scholarship searches can begin as early as 9th grade. See your Career Center for more information.

## COMMUNITY COLLEGES

Graduation from high school, state proficiency certificate, or a minimum age of 18 years old are the only requirements for Community College admission. There are no subject or grade requirements.

There are three primary programs in most community colleges: (1) 2-year college degree (AA/AS), (2) special training in technical fields, and (3) 2 years of general education for transfer to a 4-year university.

## PRIVATE COLLEGES AND UNIVERSITIES

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

## CALIFORNIA STATE UNIVERSITY SYSTEM UNDERGRADUATE

### ADMISSION

Visit the CSUMentor website for the most up-to-date information, at:

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

### 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 and test scores.
- 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 Eligibility Index Table is the combination of test scores and required grade point averages. Log on to:

[www.csumentor.edu/planning/high\\_school/cal\\_residents.asp](http://www.csumentor.edu/planning/high_school/cal_residents.asp)

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, or higher math (take one each year).

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

Including 1 year biological science and 1 year physical science

e. **Language, Other than English, 2 years required:**

2 years of the same language; American sign language is applicable.

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

Dance, drama, or 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 Foreign Language Requirement:** 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 foreign language study, you may be allowed a waiver to the foreign 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.

## UNIVERSITY OF CALIFORNIA (UC) SYSTEM UNDERGRADUATE ADMISSION

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

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

For UC-approved courses offered at each high school, log on to:

<http://www.universityofcalifornia.edu/admissions/freshman/requirements/index.html>

**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 dependants 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.

- a. **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. **Foreign Language, 2 years required, 3 years recommended:**  
2 years of the same foreign 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 SCORE TOTAL**

The University calculates your UC Score Total as follows:

**If you took the SAT Reasoning Test:**

The University converts your highest scores in critical reading, math, and writing from a single sitting and two SAT Subject Tests from different subject areas to equivalent UC Scores (See translation table at right). Then all five UC Scores are added together to produce your UC Score Total:

(critical reading + math + writing + subject test 1 + subject test 2)

**If you took the ACT plus its Writing exam:**

The University takes your highest math, reading, science, and combined English/writing score from a single sitting and converts them to equivalent UC scores (see table below). To give the ACT writing component equal weight to the SAT writing exam, the University multiplies the sum of your converted math, reading, and science scores by two-thirds, then adds the converted English/writing score. This subtotal is then added to your two highest SAT Subject Test scores from two different subject areas, which are also converted to equivalent UC Scores, to reach your UC Score Total:

(math + reading + science) x 0.667 + (English/writing + subject test 1 + subject test 2)

**TEST SCORE TRANSLATION**

ACT Score	SAT Score	UC Score	ACT Score	SAT Score	UC Score
36	800	100	21	500	50
	790	98		490	48
35	780	97	20	480	47
	770	95		470	45
34	760	93	19	460	43
	750	92		450	42
33	740	90	18	440	40
	730	88		430	38
32	720	87	17	420	37
	710	85		410	35
31	700	83	16	400	33
	690	82		390	32
30	680	80	15	380	30
	670	78		370	28
29	660	77	14	360	27
	650	75		350	25
28	640	73	13	340	23
	630	72		330	22
27	620	70	12	320	20
	610	68		310	18
26	600	67	11	300	17
	590	65		290	15
25	580	63	10	280	13
	570	62		270	12
24	560	60	9	260	10
	550	58		250	8
23	540	57	8	240	7
	530	55		230	5
22	520	53	7	220	3
	510	52		210	2
			1-6	200	0

**Advanced Placement:** An Advanced Placement course is a college-level course and exam which can give motivated high school students the opportunity to receive high school honors credit and college credit for a course taken in high school. AP courses require extensive reading and writing. Compared with regular high school courses, AP courses will be more demanding. They require more time and homework. Students enrolling in AP courses should consider their abilities, academic workload, involvement in community/extracurricular activities, and time available outside of class for studying. Success in these courses requires substantial commitment of time and effort.

**Examination Requirement:** For details about testing requirements, see

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

Effective for students entering UC as freshmen, each applicant must submit scores on an approved core test of mathematics, language arts, and writing. This requirement can be satisfied by taking either (1) the ACT Assessment plus the new ACT Writing Test, or (2) the new SAT Reasoning Test (critical reading, mathematics, and writing).

**Admission by Examination Alone:** If you do not meet the Subject and Scholarship Requirements, you may qualify for admission to the University by examination.

You cannot qualify for admission by examination alone if you have completed 12 or more units of transferable course work at another college or university following high school graduation, or if you have taken transferable college courses in any subject covered by the SAT II: Subject Tests.

**ELIGIBILITY IN THE STATEWIDE CONTEXT**

This is the path that most prospective freshmen follow to attain UC eligibility. Students must satisfy three requirements for minimum eligibility: the 15 academic course requirement, the scholarship requirement, the examination requirement. Refer to the following website for current information.

[www.universityofcalifornia.edu/admissions/undergrad\\_adm/pathstoadm.html](http://www.universityofcalifornia.edu/admissions/undergrad_adm/pathstoadm.html)

**ELIGIBILITY IN THE LOCAL CONTEXT**

**Identification:** "Eligible in the local context" (ELC) students at each school will be identified following the junior year based on GPA earned in 11 units of academic courses that have been certified as meeting University subject requirements.

The 11 units completed by the end of the 11th grade include the following: 1 unit of history/social science; 3 units of English; 3 units of mathematics; 1 unit of laboratory science; 1 unit of language other than English; and 2 units chosen by the student from among the other "a-g" requirements.

Following the junior year, high schools will identify the top 10 percent of students in the class. With parent permission, copies of the students' transcripts will be forwarded to the University.

**Evaluation:** The University will evaluate the transcripts, select the top 4 percent and notify students selected. GPAs for ELC consideration will be calculated according to current regulations for calculating GPAs for UC eligibility. If the student has completed more than 11 units of required courses, the university will use the 11 units that generate the highest GPA for the student.

**Notification:** Eligible students may expect to be notified by late September.

**Remaining Requirements:** Once identified, ELC students must still submit an application for undergraduate admission during the November filing period and satisfactorily complete remaining eligibility requirements.

The severity of recent state budget cuts and the ongoing budget uncertainty may prevent the University from guaranteeing admission to all UC-eligible students, including ELC students. For more ELC information, see [www.ucop.edu/sas/elc](http://www.ucop.edu/sas/elc)

**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 physical 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.)

**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 write:

**SAT Reasoning and SAT Subject Tests:**

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

**ACT:**

American College Testing Program  
Registration Unit  
PO Box 168  
Iowa City, IA 52240  
[www.act.org](http://www.act.org)

**COLLEGE ENTRANCE EXAM DATES**

SAT REASONING & SUBJECT TESTS	REGISTRATION DEADLINE
<u>2012</u> October November December	As of this printing, no dates for the SAT have been published for the 2012–13 school year. Check with your school counselor for future updates or check the collegeboard.com website.
<u>2013</u> January March May June	

PSAT/NMSQT	REGISTRATION DEADLINE
<u>2012</u> October	As of this printing, no dates for the SAT have been published for the 2012–13 school year. Check with your school counselor for future updates or check the collegeboard.com website.

ACT	REGISTRATION DEADLINE
<u>2012</u> September 8 October 27 December 8	Check the act.org website for future updates on registration deadlines for the 2012–13 school year, or check with your school counselor.
<u>2013</u> February 9 April 13 June 8	

ADVANCED PLACEMENT EXAMS
As of the printing, no dates have been published for the 2012–13 AP exams. Check the collegeboard.com website for future updates, or check with your school counselor.

## FOUR-YEAR PLANNING GUIDE

COLLEGE or UNIVERSITY PREPARATORY	GRADE 9	GRADE 10	GRADE 11	GRADE 12
(Including Community College Transfer Programs)	English 1 or Advanced English 1  Mathematics: Algebra 1 Geometry  Science: Physical/Earth Science/ Biology  Life Fitness 1 Health Education	English 2 or Advanced English 2  Mathematics: Geometry Algebra 2 Advanced Algebra 2  Science: Biology/Chemistry  World History/AP World  Life Fitness 2	English 3 or Advanced English 3/ AP Language Composition  Mathematics: Geometry Algebra 2 Advanced Algebra 2 Math Analysis Probability and Statistics  Science: Chemistry/Chemistry A AP Biology Physiology Physics AP Environmental Science U.S. History/Geography or  AP U.S. History	English 4, Adv. English 4 or AP Lit/Composition  Mathematics: Algebra 2 Advanced Algebra 2 Math Analysis AP Calculus AP Statistics  Science: AP Biology Physics Chemistry/Chemistry A Physiology AP Environmental Science American Govt./Economics  or AP Am. Govt./AP Econ.

- **Foreign Language:** Any 2 consecutive years of a foreign language during high school.
- **Fine Arts:** Any 1 year (or equivalent) during high school. (See California State University requirements and University of California requirements.)
- **Technology:** Students must demonstrate mastery of designated district technology standards through the successful completion of a course, or the exhibition of skills in a practical examination.
- **Electives:** See "g" under University of California admission requirements and California State University elective requirements.

GENERAL/ VOCATIONAL	GRADE 9	GRADE 10	GRADE 11	GRADE 12
(Including Community College 2-Year Vocational Programs)	English 1  Mathematics: Algebra 1  Science: Physical Earth Science  Health Education Life Fitness	English 2  Mathematics: Geometry  Science: Biology  World History  Life Fitness	English 3  Mathematics: Geometry Financial Analysis Accounting Algebra 2  U.S. History/Geography	English 4 Composition and Reading  Mathematics: Probability and Statistics  American Government Economics

- **Fine Arts (VAPA):** Any one year (or equivalent) or one year of Foreign Language during high school.
- **Technology:** Students must demonstrate mastery of designated district technology standards through the successful completion of a course, or the exhibition of skills in a practical examination.
- **Electives:** See the "Course Descriptions" for elective course sequences in Agriculture, Business, Family and Consumer Science, Visual and Performing Arts, Trades and Industrial Education, and the Central Sierra Regional Occupational Program.

## PERSONAL FOUR-YEAR COURSE PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English_____	English_____	English_____	English_____
Life Fitness 1	World History	U.S. History / Geography	Economics /
Math_____	Math_____	Math_____	American Government
Health Ed (1 semester)	Science _____	_____	_____
Science _____	Life Fitness 2	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Courses above are required or recommended at that grade level. If you are planning postsecondary training, you should be aware of the specific requirements for admission to the institution of your choice. Consult with your counselor for further information and graduation requirements.

# [ 2012–13 COURSE DESCRIPTIONS ]

**DIRECTIONS (IMPORTANT INFORMATION)**—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 term (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 most accurate course offering information.

## AGRICULTURE

### FLORAL DESIGN (Y) #0703

<b>PREREQUISITE:</b> Agriculture Science.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester

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.

**Note—Students who successfully complete the yearlong course of study will receive Visual/Performing Arts credit.**

### AGRICULTURE SCIENCE (Y) #0704

<b>PREREQUISITE:</b> Interest in Agriculture.		
SCHOOL	GRADES	CREDIT
PHS	9–12	5 units per semester
<i>Meets UC Requirement: "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

<b>PREREQUISITE:</b> Completion of Agriculture Science.		
SCHOOL	GRADES	CREDIT
PHS	10–12	5 units per semester
<i>Meets UC Requirement: "d" and "g"</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 around 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.

### AGRICULTURE BUSINESS & ECONOMICS (Y) #0701

<b>PREREQUISITE:</b> Completion of Agriculture Biology or teacher approval.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester
<i>Meets UC Requirement: "g"</i>		

This course is designed for students interested in pursuing advanced studies in the field of agriculture. Students will understand and employ basic economic principles as they relate to agriculture business management, production agriculture, and individual consumers. The course will include study of basic economic concepts, vocabulary, the development and operation of the U.S. market economy from both the macroeconomic and

microeconomic context, as well as comparative economic systems and the global market economy. Students will be required to develop a "business" to include product management, packaging, price determination, and marketing. Students will keep accounting-based records of expenses, receipts, and profit/losses. At the conclusion of the course, profits will be split equally amongst the partners. The course will also include development of the skills necessary for the preparation of resumes, job applications, interview skills, and college and scholarship applications.

### ORNAMENTAL HORTICULTURE (Y) #0707

<b>PREREQUISITE:</b> Completion of Agriculture Science, or teacher approval.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester

This course is offered to students with a desire to learn about the science and skills involved in producing, managing, and selling ornamental crops. Students will be involved in propagation methods in reproducing plants, landscaping, plant nutrition, marketing, and careers involved in the industry of Ornamental Horticulture. FFA and supervised Occupational Experience Program projects are an integral part of this course articulated with Folsom Lake College for Viticulture certificate program.

### ANIMAL SCIENCE (Y) #0724

<b>PREREQUISITE:</b> Completion of Agriculture Science, or teacher approval.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester
<i>Meets UC Requirement: Pending</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.

**AGRICULTURE LEADERSHIP (Y) #0708**

<b>PREREQUISITE:</b> Completion of Agriculture Science with a grade C or better.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester

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.

**ROP COURSES**

Please consult pages 38–40 for course descriptions and more information about ROP.

<b>ANIMAL HEALTH I</b>	<b>#0965L1</b>
<b>ANIMAL HEALTH II</b>	<b>#0965L2</b>

**BUSINESS / TECHNOLOGY**

 **Note—Internet access will be heavily intertwined throughout all curriculums**

**ICT FOUNDATIONS (S) #0451**

<b>PREREQUISITE:</b> None.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS MVHS VHS IHS ILC SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester  *Possible FLC credit with FLC tests.

The basics of Information and Communication Technology (ICT) Foundations will provide students with marketable skills and knowledge in this informational society that will help them attain their educational goals and careers. It is the objective of this class to go beyond the very basic skills most students today possess and equip them with the technology skills they will need beyond high school to effectively compete for jobs or to better prepare them for post-high school education. This course is designed to meet the new college technology entrance requirements as well as the standards deemed necessary by the business community, as students go beyond simple PowerPoint and typing letters in Word to complex tasks, such as creating tables in Word, building networking databases, acquir-

ing the ability to access job applications on-line and accurately completing them, building effective multimedia presentations, and learning basic ways to keep safe from biased information on the Internet. Students will also develop skills for analyzing, designing, and managing information. After completing this course, students can select from many career paths in the field of technology.

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

<b>PREREQUISITE:</b> ICT Foundations with a grade C or better.		
<b>SCHOOL</b> ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 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.

**ICT ENTREPRENEUR (Y) #0452**

<b>PREREQUISITE:</b> ICT Foundations.		
<b>SCHOOL</b> ORHS PHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester

Information and Communication Technology (ICT) Entrepreneur is designed to give students a broad base of knowledge that includes the legal, managerial, financial, ethical, and industry-standard supported technology to make appropriate business decisions.

**WEB PAGE AUTHORING & CREATION (Y) #0468**

<b>PREREQUISITE:</b> Grade B or better in ICT Foundations, or teacher approval.		
<b>SCHOOL</b> EDHS ORHS UMHS	<b>GRADES</b> 10–12 10–12 9–12	<b>CREDIT</b> 5 units per semester

This course provides a comprehensive introduction to the essentials of web design, from planning page layouts to publishing a complete site to the web. Through real-world projects and engaging activities, participants learn fundamental design concepts and hands-on

techniques for creating compelling, easy-to-use web pages. Using Dreamweaver, participants learn how to combine their graphic design skills with the technical knowledge needed to build and publish websites with ease.

**TECHNOLOGY TEAM 1 (Y) #0477**

<b>PREREQUISITE:</b> ICT Foundations with a grade C or better and teacher approval.		
<b>SCHOOL</b> UMHS IHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>This course may be repeated for credit at El Dorado High School.</i>		

Technology Team is a basic course that teaches students to troubleshoot, maintain, and upgrade a personal computer. Students apply their skills through maintaining equipment in classrooms and labs.

**TECHNOLOGY TEAM 2 (Y) #0476**

<b>PREREQUISITE:</b> Grade A or better in Technology Team 1 and teacher approval.		
<b>SCHOOL</b> UMHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>This course may be repeated for credit.</i>		

This course is a continuation of Tech Team 1, a lab/textbook course. In this course students will continue to improve their knowledge and skills in computer technology. Students will serve as the first response team to computer hardware and software repair needs for their schools. Students will do the initial diagnosis of the problem and then complete the repair or escalate the problem to the next level of response. Students will be required to keep records on all repairs, update the records for the school and monitor users. Students will serve as technical support in the computer labs when teachers bring classes in to work on projects. Students will be required to keep current on developments in the area of computer technology and participate in field trips, as available, to businesses in the field.

**ACCOUNTING (Y) #0482**

<b>PREREQUISITE:</b> Algebra 1.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS ILC SHS	<b>GRADES</b> 11–12 11–12 10–12 11–12	<b>CREDIT</b> 5 units per semester
<i>Earns math credit for graduation.</i>		

This course is designed to familiarize students with the principles of business accounting. Topics include the accounting cycle; concepts and principles used in recording assets, liabilities, equity, revenues, and expenses. Students will use critical thinking skills in accounting simulations to process, analyze, and prepare financial information. Students will practice math skills that are specific to the accounting process. This course will intro-

duce students to computerized accounting using what is currently available.

**INTRO TO TELEVISION PRODUCTION (Y) #0487**

**PREREQUISITE:** Grade C or better in ICT Foundations and Grade B or better in English or recommendation from the most recent English teacher.

SCHOOL	GRADES	CREDIT
ORHS UMHS	10–12	5 units per semester

This course provides an introduction to the field of television production. Students will be introduced to analog and digital video cameras and digital still cameras, techniques for editing video on linear and nonlinear tape editors and on the computer, and how to create a daily news broadcast for the school. Students will learn how to create basic graphics and animation for video. Further, students will explore career options in the field of broadcast news. Students will be required to create a portfolio of their work for prospective employers.

**VIDEO PRODUCTION (Y) #0489**

**PREREQUISITE:** Grade C or better in ICT Foundations, a grade B or better in English, and successful completion of Introduction to Television Production.

SCHOOL	GRADES	CREDIT
UMHS	10–12	5 units per semester

This course will 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.

**ROP COURSES**

Please consult pages 38–40 for course descriptions and more information about ROP.

**MARKETING OCCUPATIONS #0934L1**

**ENGLISH**

Students must be consecutively enrolled in English classes (English 1, 2, 3) during grades 9–11. If a student fails one level of English, the student must repeat the entire year before taking the next level of English. As a means for making up failures, it is recommended that students extend their regular school days or attend intersession.

Students are required to take another 10 credits of English in addition to English 1, 2, and 3. Courses meeting the 4th year of English are noted within the course description. These courses may be taken concurrently or in the senior year.

**ENGLISH 1 (Y) #0101**

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS MVHS VHS IHS ILC SHS	9	5 units per semester

*Meets UC Requirement: "b"*

Emphasis will be on reading of 9th grade core works of literature. Writing, spelling, grammar, and other communication skills will be literature based. Students will develop an understanding of and appreciation for various literary genres.

**ENGLISH 2 (Y) #0111**

**PREREQUISITE:** Successful completion of English 1.

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	10	5 units per semester

*Meets UC Requirement: "b"*

This is a continuation of English 1 where English skills are more refined. Emphasis is on writing, speaking, and the core works of literature. Students will develop an understanding of, and appreciation for, world literature.

**ENGLISH 3 (Y) #0121**

**PREREQUISITE:** Successful completion of English 1 and 2.

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	11	5 units per semester

*Meets UC Requirement: "b"*

Emphasis will be on 11th grade core works of American literature. Writing and other communication skills will be literature based. Students will develop an understanding of, and appreciation for, American literature.

**ADVANCED ENGLISH 1 Gr 9 #0102  
ADVANCED ENGLISH 2 Gr 10 #0112  
ADVANCED ENGLISH 3 Gr 11 (Y) #0122**

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS* UMHS SHS	See below	5 units per semester

*Meets UC Requirement: "b"*

The course objectives for Advanced English are the same as the core objectives for each corresponding course. Advanced English differs from regular in the pacing and depth with which the material is covered. Strong emphasis is placed on the college-level analytical essay. Considerations for placement are:

- 1) A commitment to academic achievement
- 2) At least a B average maintained in Advanced English
- 3) The ability to read, with understanding, works of literary merit
- 4) Teacher recommendation
- 5) Above average reading and language test scores, as evidenced by California Standards Test results at the Advanced or Proficient levels in language arts.

\*Advanced English 3 not offered at PHS.

**HONORS ENGLISH 2 (Y) #0115**

**PREREQUISITE:** Completion of Advanced English 9 with a grade B or better and teacher approval.

SCHOOL	GRADES	CREDIT
ORHS SHS	10	5 units per semester

*Meets UC Requirement: "b"*

This course teaches World Literature. It is a demanding sophomore course that challenges students to examine world cultures, world views, and a variety of world philosophies through various literary genres. Further, readings and discussions will lead to written responses that examine ideas and issues of the aforementioned topics.

**ENGLISH 4: BRITISH LITERATURE (Y) #0131**

**PREREQUISITE:** Successful completion of English 1, 2, and 3.

SCHOOL	GRADES	CREDIT
EDHS PHS SHS	12	5 units per semester

*Meets UC Requirement: "b"*

This course emphasizes works of British literature. Written and oral communication skills will be standards based. Students will develop an understanding of British Literature and the English language. This class will meet the 4th year English requirement.

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

<b>PREREQUISITE:</b> Successful completion of English 1, 2, and 3.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS SHS ILC	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</i>		

Students will develop critical reading, thinking, and writing skills as they develop an understanding of literature from diverse cultures. This class will meet the 4th year English requirement.

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

<b>PREREQUISITE:</b> Successful completion of English 1, 2, and 3.		
<b>SCHOOL</b> ORHS PHS UMHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</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.

**12TH GRADE EXPOSITORY READING AND WRITING (Y) #0144**

<b>PREREQUISITE:</b> English 1, 2, and 3.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</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.

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

<b>PREREQUISITE:</b> Grade C or better in previous English courses.		
<b>SCHOOL</b> PHS UMHS SHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "g"</i>		

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. This class will meet the 4th year English requirement.

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

<b>PREREQUISITE:</b> Grade A in English 2 or Grade A or B in Advanced English 2.		
EDHS: El Dorado High School participates in the Accelerated College Entrance Program. This class is equivalent to the CSUS American Literature (50 AB) course. Students need to file an application and go through a screening process. Enrollment by selection only based on PSAT and standardized test scores, academic preparation, motivation, and teacher recommendation.		
UMHS: Grade A or B in Advanced English 2 and concurrent enrollment in Advanced English 3; application and screening process.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</i>		

"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.

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

<b>PREREQUISITE:</b> English 1, 2, and 3.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester

This course will prepare students for success in reading and writing the types of expository prose they will encounter in technical and vocational schools. Students will practice writing effective sentences, paragraphs, and essays in response to student and professional models. Students will also acquire a more thorough knowledge of English grammar, punctuation, and mechanics through regular practice exercises. This class will meet the 4th year English requirement and will prepare students to pass the California High School Exit Exam in English Language Arts.

**ADVANCED PLACEMENT LITERATURE & COMPOSITION (Y) #0139AP**

<b>PREREQUISITE:</b> Students need to file an application.		
EDHS: El Dorado High School participates in the Accelerated College Entrance Program. This class is equivalent to the CSUS American Literature (40 AB) course.		
ORHS & PHS: Teacher recommendation and a grade of A or B in Advanced English 3 or AP English at the junior level. PHS students need to file an application and go through a screening process. Enrollment by selection is based on transcript and application.		
UMHS: A grade A or B in Advanced English 3.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</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.

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

<b>PREREQUISITE:</b> Successful completion of English 1, 2, and 3.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b" and "g"</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 4: LITERATURE & ENVIRONMENT (Y) #0123**

<b>PREREQUISITE:</b> Successful completion of English 1, 2, and 3.		
<b>SCHOOL</b> UMHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "b"</i>		

This course will provide students with an opportunity to explore how literature is used to examine the relationships between humans and the environment, from solitary experiences to the complexities of environmental needs in a modern society. Students will engage with the many dimensions of environmental literature, from place-based writing, to persuasion in advocacy and politics, to personal narratives about adventure and discovery. The course is designed to meet the rigorous requirements for UC approval.

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

<b>PREREQUISITE:</b> Grade B or better in English classes, or teacher's approval.		
<b>SCHOOL</b> PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "g"</i>		

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.

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

<b>PREREQUISITE:</b> English 1, 2, and 3.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester

This is a survey course in young adult literature as a literary genre. Reading, writing, speaking, and listening activities for this course will focus on contemporary fiction and nonfiction dealing with problems of teenagers as they come into conflict with their peers, their parents, their society, and themselves. Students will also discover local resources available to help teens solve problems. For a reading list of the titles included in the course, contact the course instructor. This class will meet the 4th year high school English requirement.

**READING (Y) #0134**

<b>PREREQUISITE:</b> Two or more years below grade level in reading as measured by 8th grade standardized test scores or another standardized reading test.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS SHS ILC	<b>GRADES</b> 9	<b>CREDIT</b> 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**

<b>SCHOOL</b> PHS UMHS IHS VHS SHS ILC	<b>GRADES</b> 10–12 10–12 11–12	<b>CREDIT</b> 5 units per semester
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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. This class may meet the 4th year English graduation requirement.

**ENGLISH LANGUAGE DEVELOPMENT 1 (Y) #0107L1**

<b>PREREQUISITE:</b> CELDT testing.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>This course may be repeated for credit.</i>		

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 (CELDT). 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**

<b>PREREQUISITE:</b> CELDT testing and placement.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>This course may be repeated for credit.</i>		


This course is the second of a three-part program that will provide instruction to English Learners in the intermediate, early advanced, and advanced levels of English proficiency in the areas of listening, speaking, reading, and writing, and will prepare students to be mainstreamed into the core subject areas. This course will further develop student competence in English to achieve academically as well as the ability to communicate effectively in all social settings.

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

<b>PREREQUISITE:</b> CELDT testing and placement.		
<b>SCHOOL</b> EDHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>This course may be repeated for credit.</i>		

This course is the third level of a three-part program that will provide instruction to English learners in the Early Advanced and Advanced levels of English proficiency in the areas of listening, speaking, reading, and writing. This course will prepare students to achieve academic success in other core classes in addition to preparing students for the rigors of a college classroom or workplace environment. This course may be used as one of the 4 years of required English. It may also be used for elective credit.

# FAMILY & CONSUMER SCIENCE (FACS)

 **Note—Only Fashion Apparel and Textiles may be repeated for elective credit.**

## FASHION APPAREL AND TEXTILES (Y) #0561

<b>PREREQUISITE:</b> Student interest.		
SCHOOL	GRADES	CREDIT
ORHS PHS UMHS	9–12	5 units per semester
<i>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.

## HOUSING AND INTERIOR DESIGN (Y) #0554

<b>PREREQUISITE:</b> Student interest.		
SCHOOL	GRADES	CREDIT
PHS UMHS	11–12	5 units per semester

This course will emphasize housing options and alternatives, the various components involved in interior design, such as the elements and principles of design, furniture styles, floor plans, and arrangement of furniture. Career options in this field will also be covered.

## FOODS AND NUTRITION (Y) #0553

<b>PREREQUISITE:</b> Student interest.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	11–12 10–12 9–12 9–12	5 units per semester

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

<b>PREREQUISITE:</b> Foods and Nutrition with a grade C or better and teacher approval.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	11–12 11–12 11–12 10–12	5 units per semester

This course builds on those units and skills learned in the Foods and Nutrition 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.

## HOSPITALITY AND TOURISM (Y) #0568

<b>PREREQUISITE:</b> Interest in area.		
SCHOOL	GRADES	CREDIT
PHS UMHS	10–12	5 units per semester

Interested in one of the hottest growing industries? The hospitality, tourism, and recreation pathway integrates various facets of the hospitality industry: lodging, travel, and tourism; event planning; theme parks, attraction, and exhibitions; and recreation.

Students engaged in this pathway have broad experiences related to the specific industry segments, including industry awareness; organizational management; customer service; sales and marketing; facilities management; lodging; travel destinations; and reservations, ticketing, and itineraries.

## CULINARY PRODUCTION AND CAREERS (Y) #0557

<b>PREREQUISITE:</b> Foods and Nutrition.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester

This course will emphasize food service and hospitality, and the various components involved in food service, sanitation, and management. Career options in this field will also be covered.

## CHILD DEVELOPMENT (Y) #0581

<b>PREREQUISITE:</b> Student interest.		
SCHOOL	GRADES	CREDIT
ORHS PHS UMHS	10–12	5 units per semester

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. Competencies achieved in this course may lead to enrollment in ROP Careers with Children.

## LIVING ON YOUR OWN (Y) #0591

<b>PREREQUISITE:</b> Student interest.		
SCHOOL	GRADES	CREDIT
EDHS* UMHS	12 11–12	5 units per semester
<i>*There is a lab fee for spring semester.</i>		

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.

## TEACHING AND LEARNING (Y) #0585

<b>PREREQUISITE:</b> Students must complete an application process.		
SCHOOL	GRADES	CREDIT
ORHS PHS UMHS	10–12 11–12 10–12	5 units per semester

The Future Teachers of America program is an innovative approach designed to attract young people to the teaching profession through a challenging introduction to teaching. The program seeks to (1) provide high school students insight into the nature of teaching, (2) a chance to work in the classroom as well as teach, and (3) gain insight into critical issues impacting the quality of education in America's schools.

### ROP COURSES

Please consult pages 38–40 for course descriptions and more information about ROP.

<b>COSMETOLOGY</b>	<b>#0927</b>
<b>MANICURING</b>	<b>#0939</b>
<b>CULINARY ARTS</b>	<b>#0961</b>

## FOREIGN (MODERN) LANGUAGE

All foreign language courses are designed to help students communicate in a foreign language and gain knowledge of other cultures. Most of these courses prepare students to meet college entrance requirements and are academically challenging. Students are encouraged to begin their foreign language study early (9th or 10th grade) so that advanced study will be possible while they are still in high school.

Foreign language is not offered at the alternative schools or during intersession.

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

<b>PREREQUISITE:</b> Students whose first home language is Spanish and who demonstrate fluency in spoken Spanish; placement exam may be administered to determine placement in class; teacher approval for non-Heritage Learners.		
<b>SCHOOL</b> UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course is designed for the student who has listened to Spanish at home—a Heritage Learner who speaks and understands Spanish fluently, yet has limited skills in reading and writing Spanish. The student may experience problems with the use of written accents, spelling, reading, and editing his own written work. This course develops the linguistic skills of the Heritage Learner: listening, reading, speaking, and writing. The course celebrates the Heritage Learner's first language of Spanish, and the cultural experiences he/she brings to the classroom. It also celebrates the diverse contributions of the principle groups of Hispanics in the U.S. and of the 21 Spanish-speaking countries in culture, art, sports, and politics, and thus promotes a meaningful cultural pride and self-esteem within the Heritage Learner.

### SPANISH 1 (Y) #0411

<b>PREREQUISITE:</b> Grade C or better in English; an interest in the Spanish language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

Spanish 1 develops the four skills of communication: listening, speaking, reading and writing, and explores 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 nonsympathetic Spanish speakers.

### SPANISH 2 (Y) #0412

<b>PREREQUISITE:</b> Grade C or better in Spanish 1; an interest in the Spanish language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

Spanish 2 continues to develop the four skills of communication: listening, speaking, reading and writing, and to deepen student knowledge of cultures of the Spanish-speaking world. Students are provided language-use activities that enable them to function in transactional settings and in some informal situations; understand overall meaning, key ideas, and some supporting details in informal/interpersonal texts (oral/written), and break apart and recombine learned material to express personal meaning; deal with topics related to self and the immediate environment; comprehend and produce oral/written sentences and strings of sentences; and comprehend and be understood by nonsympathetic Spanish speakers.

### SPANISH 3 (Y) #0413

<b>PREREQUISITE:</b> Grade C or better in Spanish 2; teacher recommendation; an interest in the Spanish language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

Spanish 3 continues to develop the four skills of communication: listening, speaking, reading, and writing, and to deepen student knowledge of cultures of the Spanish-speaking world. Spanish is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to function in most information 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 nonsympathetic Spanish speakers.

### SPANISH 4 (Y) #0414

<b>PREREQUISITE:</b> Grade C or better in Spanish 3; teacher recommendation; an interest in the Spanish language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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 nonsympathetic Spanish speakers.

### ADVANCED PLACEMENT SPANISH LANGUAGE (Y) #0410AP

<b>PREREQUISITE:</b> Grade B or better in Spanish 3 or Spanish 4; teacher recommendation; an interest in the Spanish language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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 SPANISH LITERATURE (Y) #0417AP

<b>PREREQUISITE:</b> Completion of AP Spanish Language and an interest in the Spanish language and culture.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

The Advanced Placement program in Spanish Literature consists of a course designed to provide well-motivated students with an

intellectual challenge through the advanced study of Hispanic literature. A College Board Examination that measures achievement in this course is administered in the spring by which a student may receive college credit. As with other electives, this course will only be offered if enough student requests for the course are received.

**GERMAN 1 (Y) #0405**

<b>PREREQUISITE:</b> Grade C or better in English; interest in the Germanic language and culture, and good study habits.		
<b>SCHOOL</b> EDHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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 approaches 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> Grade C or better in German 1; interest in the Germanic language and culture.		
<b>SCHOOL</b> EDHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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> Grade C or better in German 2; good study habits, and teacher recommendation.		
<b>SCHOOL</b> EDHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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> Grade C or better in German 3; good study habits; interest in Germanic language and culture; and teacher recommendation.		
<b>SCHOOL</b> EDHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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.

**FRENCH 1 (Y) #0401**

<b>PREREQUISITE:</b> Grade C or better in English; interest in French language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

French 1 is designed to establish the four skills of communication: listening, speaking, reading, and writing. Students participate in language-use activities that enable them to function in common daily settings for which they have rehearsed; to understand learned words and phrases in familiar texts (oral/ written) and to produce learned words and phrases; to deal with discrete elements of life; to comprehend and produce memorized material orally and in writing; and to comprehend and be understood by highly-sympathetic French speakers.

**FRENCH 2 (Y) #0402**

<b>PREREQUISITE:</b> Grade C or better in French 1; interest in French language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

French 2 advances communication skills (listening, speaking, reading, and writing), and deepens student knowledge of cultures of the French-speaking world. Students participate in language-use activities that enable them to function in informal settings and situations; to understand key ideas and some supporting details in informal/interpersonal texts; to break apart and recombine learned material to express personal meaning; to deal with topics related to self and the immediate environment; to comprehend and produce oral/written sentences and strings of sentences; and to comprehend and be understood by sympathetic French speakers.

**FRENCH 3 (Y) #0403**

<b>PREREQUISITE:</b> Grade C or better in French 2; teacher recommendation; interest in French language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

French 3 further develops communication skills (listening, speaking, reading and writing) and deepens student knowledge of cultures of the French-speaking world. French is the primary language of classroom communication and instruction. Students participate in language-use activities that enable them to function in most informal and some formal settings; to understand the main ideas and most supporting details in concrete and factual texts; to deal with topics related to the external environment; to comprehend and produce oral/written paragraphs; and to comprehend and be understood by sympathetic French speakers.

**FRENCH 4 (Y) #0404**

<b>PREREQUISITE:</b> Grade B or better in French 3; interest in French language and culture.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

French 4 continues to develop the four skills of communication: listening, speaking, reading, and writing, and deepens student knowledge of cultures of the French-speaking world.

Grammar from levels 1 to 3 is reviewed. French is the primary language of classroom communication and instruction. Students participate in language-use activities that enable them to function in informal and some formal settings; to understand main ideas and supporting details in concrete, factual, and some abstract texts; to deal with topics related to the external environment; to comprehend and produce oral/written paragraphs and essays; and to comprehend and be understood by non-sympathetic French speakers.

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

<b>PREREQUISITE:</b> Grade of A in French 3 and teacher recommendation; interest in French language and culture.		
<b>SCHOOL</b> ORHS PHS UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</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.

**JAPANESE 1 (Y) #0425**

<b>PREREQUISITE:</b> Grade C or better in English; interest in Japanese language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course is an introduction to the Japanese language and will establish skills in basic speaking, listening, reading, and writing. Students learn about Japanese culture through class discussion and videotapes of current Japanese television. Communication is emphasized. Students should expect daily study/review assignments.

**JAPANESE 2 (Y) #0426**

<b>PREREQUISITE:</b> Grade C or better in Japanese 1; interest in Japanese language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This is a continuation of elementary Japanese. Students learn how to speak at different levels of politeness. Vocabulary is increased, and students learn more advanced conversation, letter writing, and basic calligraphy.

**JAPANESE 3 (Y) #0427**

<b>PREREQUISITE:</b> Grade C or better in Japanese 2 and approval of teacher; interest in Japanese language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 11	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course offers a refinement of skills learned, continues the study of reading and writing, and offers in-depth study of spoken Japanese found on current television programs. Added emphasis on Japanese customs and etiquette. Continued cultural study.

**JAPANESE 4 (Y) #0428**

<b>PREREQUISITE:</b> Grade C or better in Japanese 3 or approval of teacher; interest in Japanese language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course is the study of Japanese using current magazines, newspapers, and advertising. Expansion of reading kanji. Students will have the opportunity to work on projects of

their choice in some aspect of the Japanese language.

**ITALIAN 1 (Y) #0431**

<b>PREREQUISITE:</b> Grade C or better in English; interest in Italian language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course offers an introduction to Italian language, which includes grammatical structures and development of all four skills of communication: listening, speaking, reading, and writing. This class will use oral/aural approach to practice structural material. Students must actively participate at all times and complete daily study/review homework assignments.

**ITALIAN 2 (Y) #0432**

<b>PREREQUISITE:</b> Grade C or better in Italian 1; interest in Italian language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 10 units per term
<i>Meets UC Requirement: "e" and "g"</i>		

This course offers a continuation of Italian I in both format and content. It involves a more advanced study of conversational material, grammar rules, their application to oral skills and proficiency, further study of customs and culture of Italy. Students are required to write sentences and paragraphs in increasing complexity.

**ITALIAN 3 (Y) #0433**

<b>PREREQUISITE:</b> Grade C or better and approval of teacher; Italian 1 and 2 or language proficiency; interest in Italian language and culture.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

Students will use Italian themes and issues to continue learning language usage, grammar, and structure. This course includes a review of previously learned Italian language grammar and in-depth instruction of verb tenses and complicated verb conjugations. This class further develops listening and speaking skills through oral improvisations and prepared speeches, as well as Italian reading and writing skills.

**ITALIAN 4 (Y) #0434**

<b>PREREQUISITE:</b> Grade C or better in Italian 3; good study habits.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "e" and "g"</i>		

This course continues to develop the four skills of communication (listening, speaking, reading, and writing) and to deepen knowledge of cultures of the Italian-speaking world. Grammar form levels 1–3 is reviewed. Italian is the primary language of classroom communication and instruction. Students are provided language-use activities that enable them to (1) function in an informal and most formal settings; (2) understand the main ideas and supporting details in concrete, factual, and some abstract texts (oral/written); produce language beyond the paragraph, simple narration, description and explanation; (3) deal with topics related to the external environment; (4) comprehend and produce oral/written paragraphs and essays; and (5) comprehend and be understood by non-sympathetic natives.

## HEALTH / PHYSICAL EDUCATION

**LIFE FITNESS 1 (Y) #0271**

**LIFE FITNESS 2 (Y) #0273**

<b>PREREQUISITE:</b> None for Life Fitness 1. Life Fitness 2 requires completion of 2 semesters of Life Fitness 1.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS SHS ILC	<b>GRADES</b> 9 Fitness 1 10–12 Fitness 2	<b>CREDIT</b> 5 units per semester

Two years and 20 units of credit must be successfully completed in order to graduate. Students must take Life Fitness in Grade 9 with the second year to be taken at any time during grades 10–12.

To participate in these courses, all students must dress appropriately for each of their activities. Physical conditioning is stressed, including aerobic training at all levels of the program. Freshmen will use standardized physical fitness tests to assess personal fitness.

Freshmen students have a core curriculum stressing fitness and the development of individual skills in various team sports and individual sport activities. Written assignments and assessment are included in the curriculum.

**Class Offerings**—The goals and objectives of the Department will be realized through participation in the activities of the following components as recommended in the state guidelines for physical education:

**Life Fitness I**

1. Fitness Components and Training Principles
2. Aquatics
3. Combatives
4. Dance and Rhythms
5. Individual Games and Sports

**Life Fitness II**

1. Effects of Physical Activity on Dynamic Health
2. Biochemical Principles of Human Movement
3. Dance and Rhythms
4. Team Sports
5. Outdoor Education
6. Tumbling

**ADVANCED PHYSICAL EDUCATION (S) #0274**

<b>PREREQUISITE:</b> Grade C or better in Life Fitness 1 & 2 and instructor approval.		
SCHOOL	GRADES	CREDIT
EDHS	11–12	5 units per semester
ORHS	11–12	
PHS	11–12	
UMHS	10*–12	
*if prerequisite is met. This course may be repeated for elective credit.		

This course is open to students who are interested in becoming better conditioned. The course may include diet analysis, performance nutrition, personalized fitness training and/or aerobic training.

**Life Fitness II Options**—Exceptions for student athletes to the Life Fitness II curriculum may be based upon predetermined criteria. Contact your counselor for information.

**PERSONAL FITNESS TRAINING (S) (Y) #0270**

<b>PREREQUISITE:</b> Grade C or better in Life Fitness 1 & 2 and instructor approval.		
SCHOOL	GRADES	CREDIT
EDHS	11–12	5 units per semester, 10 per term
VHS		

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**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
EDHS	9–12	5 units per semester
ORHS	9–12	
PHS	9–12	
IHS	11–12	
MVHS	11–12	
VHS		
SHS		
ILC		

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.

**HEALTH EDUCATION / STUDY SKILLS (Y) #0263**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
UMHS	9	5 units per semester

This course integrates the Study Skills curriculum into the Health Education curriculum at the freshman level. This will satisfy the district's requirement of Health and Study Skills elective credit in the parameter of the block schedule at UMHS.

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

<b>PREREQUISITE:</b> 9th grade Health and enrollment in Health Academy.		
SCHOOL	GRADES	CREDIT
EDHS	10–12	5 units per semester

This 1-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**

<b>PREREQUISITE:</b> Medical Arts and Science I, concurrent enrollment in Algebra 2 or higher, and Chemistry A.		
SCHOOL	GRADES	CREDIT
EDHS	11–12	5 units per semester
<i>Meets UC Requirement: "d"</i>		

This 1-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.

<b>ROP COURSES</b> Please consult pages 38–40 for course descriptions and more information about ROP.	
<b>DENTAL CAREERS</b>	<b>#0928</b>
<b>DENTAL RADIOLOGY</b>	<b>#0941</b>
<b>FIRE CONTROL TECHNICIAN</b>	<b>#0948</b>
<b>HOSPITAL OCCUPATIONS</b>	<b>#0944</b>
<b>MEDICAL ASSISTANT</b>	<b>#0945</b>
<b>LAW ENFORCEMENT</b>	<b>#0933</b>

**HISTORY/ SOCIAL SCIENCE**

The El Dorado Union High School District requires students to complete 3 years of history/social science courses including:

- World History (1 year, 10th grade)
- U.S. History/Geography (1 year, 11th grade)
- American Government (1 semester, 12th grade)
- Economics (1 semester, 12th grade)

**REQUIRED COURSES**

**WORLD HISTORY (Y) #0174**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
EDHS	10	5 units per semester
ORHS		
PHS		
UMHS		
IHS		
MVHS		
VHS		
SHS		
ILC		
<i>Meets UC Requirement: "a" and "g"</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.

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

<b>PREREQUISITE:</b> None.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 10	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "a" and "g"</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. ORHS Students must be concurrently enrolled in Honors English 2.

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

<b>PREREQUISITE:</b> None.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	<b>GRADES</b> 11	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "a" and "g"</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.

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

<b>PREREQUISITE:</b> Teacher recommendation. A special application is required.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "a" and "g"</i>		

This course is designed to prepare students for the rigorous AP exam covering colonial times to the present, emphasizing political, socio-

logical, economic, and aesthetic aspects of our nation's history.

**AMERICAN GOVERNMENT (S) #0171**

<b>PREREQUISITE:</b> Completion of U.S. History/Geography or department approval.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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.

**ADVANCED PLACEMENT  
AMERICAN GOVERNMENT (Y) #0171AP**

<b>PREREQUISITE:</b> Teacher recommendation and special application.		
<b>SCHOOL</b> EDHS ORHS PHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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.

**ECONOMICS (S) #0187**

<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "g"</i>		

A required course for seniors that covers basic economic concepts and vocabulary; the development and operation of the U.S. market economy; study of comparative economic systems and world problems; study of the U.S. government's monetary, taxation, and regulatory policies as they affect the economy.

**ADVANCED PLACEMENT  
MICROECONOMICS (S) (Y) #Pending**

<b>PREREQUISITE:</b> Teacher recommendation and special application.		
<b>SCHOOL</b> ORHS PHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement:</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) #0187AP**

<b>PREREQUISITE:</b> Teacher recommendation and special application.		
<b>SCHOOL</b> PHS SHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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.

**SOCIAL SCIENCE ELECTIVE  
COURSES**

**SERVICE LEARNING (Y) #0894**

<b>PREREQUISITE:</b> Student interest.		
<b>SCHOOL</b> ORHS IHS SHS	<b>GRADES</b> 11-12	<b>CREDIT</b> 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.

**SOCIOLOGY (S) #0182**

<b>PREREQUISITE:</b> Student interest.		
<b>SCHOOL</b> EDHS PHS IHS SHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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: Sociological Framework, Social Inequalities, Social Institutions, and Population and Social Change.

**PSYCHOLOGY (Y); (S)—EDHS, PHS #0183**

<b>PREREQUISITE:</b> Student interest. Some sites may opt to offer it to those who have completed sophomore biology.		
UMHS: Grades 10–12 must complete Biology or be concurrently enrolled in Biology.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 10–12 ORHS 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "g"</i>		

A study of human behavior, including the growth and development of an individual, the process of learning, behavior change, self-concept and attitudes, health and adaptation, and abnormal behavior.

**ADVANCED PLACEMENT PSYCHOLOGY (Y) #0183AP**

<b>PREREQUISITE:</b> Biology.		
<b>SCHOOL</b> ORHS UMHS SHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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.

**ROP COURSES**

Please consult pages 38–40 for course description and more information about ROP.

**LAW ENFORCEMENT #0933****MATHEMATICS**

 **Note—Please refer to the Four-Year Planning Guide on page 13 to understand how courses follow in sequence through the 4-year academic plan.**

**ALGEBRA FOUNDATIONS (Y) #0239**

<b>PREREQUISITE:</b> Junior high school teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS SHS ILC	<b>GRADES</b> 9	<b>CREDIT</b> 5 units per semester

This course will prepare students for success in Algebra 1. Students will achieve proficiency on prerequisite skills for Algebra and selected Algebra 1 standards. Upon completion of this course, students will enroll in Algebra 1. Enrollment is limited to 9th grade students who scored 'Far Below Basic' or 'Below Basic' on their 8th grade math California Standards Test.

**ALGEBRA 1 (Y) #0212**

<b>PREREQUISITE:</b> Placement based on multiple measures, including grade in previous math course, standardized test results, and teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c"</i>		

This course meets all of the State of California Standards for Algebra 1. It will satisfy a high school requirement for graduation. Topics include number properties, operations, linear equations, graphing systems of linear equations, quadratics, polynomials, functions, and rational expressions.

**GEOMETRY (Y) #0221**

<b>PREREQUISITE:</b> Placement based on multiple measures, including grade in previous math course, standardized test results, and teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS MVHS SHS ILC	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c"</i>		

This course meets all of the State of California Standards for Geometry. Topics include, logic, geometric proofs, volume and area formulas, angle relationships, constructions, lines, and trigonometry.

**ALGEBRA 2 (Y) #0213**

<b>PREREQUISITE:</b> Grade C or better in Geometry.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS SHS ILC	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c"</i>		

This course is designed to meet the needs of college-bound students who desire to continue their study of math beyond Geometry, but who are not fully prepared to meet the expectations of Advanced Algebra 2. This course includes 18 of the 25 California standards for Algebra 2. Topics include: absolute value equations and inequalities, systems of equations and inequalities, quadratics, polynomials, exponents and logarithms, rational expressions, and permutation & combinations. Students who successfully meet the course requirement may take Advanced Algebra 2 or Probability & Statistics.

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

<b>PREREQUISITE:</b> Grade C or better in Geometry and teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</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. Students will engage in an in-depth study that will include the State of California Algebra II Content Standards. Topics include polynomials, rational expressions, quadratics, conics, complex numbers, exponents, logarithms, series, com-

binatorics, and probability and statistics. The pathway from Advanced Algebra 2 leads to Math Analysis or Probability and Statistics (or Advanced Placement Statistics with a grade of B or better).

**MATH ANALYSIS (Y) #0222**

<b>PREREQUISITE:</b> Grade C or better in Advanced Algebra 2 and teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</i>		

This course is a prerequisite for Calculus and is designed for college-bound students interested in math and science. Students will engage in an in-depth study that will include the State of California Content Standards for equations, inequalities, rational, polynomial, power, exponential, logarithmic, trigonometric functions, conic sections, vectors and parametric equations, and polar systems.

**DIFFERENTIAL CALCULUS (Y) #0232**

<b>PREREQUISITE:</b> Grade C or better in Math Analysis and teacher recommendation.		
<b>SCHOOL</b> ORHS PHS UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</i>		

This advanced level mathematics course is designed to provide 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.

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

<b>PREREQUISITE:</b> Grade C or better in Math Analysis and teacher recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</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**

<b>PREREQUISITE:</b> Grade C or better in Math Analysis and teacher recommendation. <b>PREREQUISITE UMHS:</b> Differential Calculus.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</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.

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

<b>PREREQUISITE:</b> Grade C or better in Algebra 2 or Advanced Algebra 2.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</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.

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

<b>PREREQUISITE:</b> Grade B or better in Advanced Algebra 2 or Probability and Statistics, or Grade C or better in Math Analysis.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "c" and "g"</i>		

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

**ADVANCED PLACEMENT COMPUTER SCIENCE A (Y) #0242AP**

<b>PREREQUISITE:</b> Grade B or better in Advanced Algebra 2, or teacher recommendation. ORHS: Algebra 2/Advanced Algebra 2		
<b>SCHOOL</b> ORHS PHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "g"</i>		

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.

**ACCOUNTING (Y) #0482**

<b>PREREQUISITE:</b> None		
<b>SCHOOL</b> EDHS ORHS UMHS IHS MVHS VHS SHS	<b>GRADES</b> 11–12 11–12 11–12 11–12	<b>CREDIT</b> 5 units per semester

This course is designed to familiarize students with the principles of business accounting. Topics include the accounting cycle; concepts and principles used in recording assets, liabilities, equity, revenues, and expenses. Students will use critical thinking skills in accounting simulations to process, analyze, and prepare financial information. Students will practice math skills that are specific to the accounting process. This course will introduce students to computerized accounting using what is currently available.

**ALGEBRA CONCEPTS (Y) #0233**

<b>PREREQUISITE:</b> Students must have passed or be concurrently enrolled in Algebra 1. This course is for students who have not passed the CAHSEE in math.		
<b>SCHOOL</b> UMHS IHS MVHS VHS SHS ILC	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester

Topics will provide in-depth work and opportunities to understand concepts necessary to pass the CAHSEE. This course will consist of 13 units which will cover all 98 math items on the CAHSEE. The course will be an integration of arithmetic, algebra, and geometry.

**FINANCIAL ANALYSIS (Y) #0202**

<b>PREREQUISITE:</b> Completion of Algebra 1.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	12, or 11 with counselor approval	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. *Students who have completed Algebra 2 or Advanced Algebra 2 should take Probability and Statistics.*

**SCIENCE**

Students in all science classes should expect 2–3 hours each week of work outside of class. Students will be expected to pay for any breakage caused by carelessness. All incoming freshmen are expected to enroll in Physical/ Earth Science. Exceptions to this policy are to be considered on a case-by-case basis.

**PHYSICAL/EARTH SCIENCE (Y) #0305**

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	9–12	5 units per semester
<i>Meets UC Requirements: "g"</i>		

Students will investigate the various areas of physical and earth 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**

<b>PREREQUISITE:</b> Successful completion of Physical/Earth Science 9th grade course.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS MVHS VHS SHS ILC	9–12	5 units per semester
<i>Meets UC Requirement: "d" and "g"</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.

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

<b>PREREQUISITE:</b> Grade B or better in Biology and Chemistry, or teacher recommendation.		
UMHS: Organism, Diversity and Structure must be taken the fall term before the AP Biology class offered in the spring term.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS SHS	11–12	5 units per semester
<i>Meets UC Requirement: "d" and "g"</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 student for AP Biology exam. This course is conducted at college level.

**ENVIRONMENTAL SCIENCE (Y) #0303**

<b>PREREQUISITE:</b> Successful completion of 1 year each of Life/Biological Science and Physical/Earth Science. Teacher recommendation and personal application are required.		
SCHOOL	GRADES	CREDIT
UMHS SHS	11–12	5 units per semester
<i>Meets UC Requirement: "g"</i>		

This 3rd or 4th year science course is designed to integrate and apply previous science education to local and global environments. This course focuses primarily on the interaction

of man with the environment. Fieldwork, independent projects, and study of various approaches to environmental issues are also covered.

**CALIFORNIA NATURAL RESOURCES 1 (Y) #0336**

<b>PREREQUISITE:</b> Biology, Chemistry, and Geometry.		
SCHOOL	GRADES	CREDIT
EDHS	11	5 units per semester
<i>Meets UC Requirement: "g"</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 2 (Y) #0337**

<b>PREREQUISITE:</b> Biology, Chemistry, and Geometry.		
SCHOOL	GRADES	CREDIT
EDHS	12	5 units per semester

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, 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.

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

<b>PREREQUISITE:</b> Successful completion of Biology, and concurrent enrollment in Chemistry A or Chemistry.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	11–12	5 units per semester
<i>Meets UC Requirement: "d" and "g"</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.

**HUMAN PHYSIOLOGY (Y) #0313**

<b>PREREQUISITE:</b> Grade B or better in Biology, and grade C or better in Chemistry or Chemistry A is highly recommended.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</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.

**ORGANISM DIVERSITY & STRUCTURE (Y) #0333**

<b>PREREQUISITE:</b> Chemistry or teacher recommendation.		
<b>SCHOOL</b> UMHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</i> <i>This course may be offered alternate years.</i> <i>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.

**CHEMISTRY (Y) #0320**

<b>PREREQUISITE:</b> Grade C or better in Algebra 1, Geometry, and Biology. Concurrent enrollment in Algebra 2 or Advanced Algebra 2 is required.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</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 Physical 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.

**CHEMISTRY A (Y) #0318**

<b>PREREQUISITE:</b> Grade C or better in Algebra 1 and Biology. Completion of Geometry recommended otherwise instructor approval is required.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</i>		

Societal issues will be examined and chemical principles integral to solving the associated problems will be taught. The course will rely heavily on laboratory experiences, cooperative working situations, and decision making skills.

This course is designed for college-bound students who are not planning to major in science. This course satisfies the Physical Science graduation requirement.

**PHYSICS (Y) #0330**

<b>PREREQUISITE:</b> Grade B or better in Geometry; current enrollment in Algebra 2 or Advanced Algebra 2 required; completion of Chemistry highly recommended.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 11–12 10–12 11–12 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</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.

**AP PHYSICS C: MECHANICS (Y) #0330AP**

<b>PREREQUISITE:</b> Grade B or better in Chemistry and Math Analysis. Concurrent enrollment in Calculus recommended.		
<b>SCHOOL</b> ORHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</i>		

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

**AGRICULTURE BIOLOGY (Y) #0706**

<b>PREREQUISITE:</b> Completion of Agriculture Science.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "d" and "g"</i>		

Agriculture 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: the molecular and cellular aspects of life, the 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 the similarities between animals and humans.

The course is centered around 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.

**SPECIAL EDUCATION****DISTRICT PROGRAMS:**

- **DIS (Individual and Small Group Instruction):** All schools
- **SDC (Special Day Class):** EDHS, ORHS, PHS, UMHS
- **RSP (Resource Specialist Program):** All schools
- **ED (Emotionally Disturbed):** PHS, UMHS
- **WorkAbility (Preemployment and Employment Training of Special Education Students):** All schools

**CAREER EXPERIENCE (Y) #0762**

<b>PREREQUISITE:</b> IEP team recommendation.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS IHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 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**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
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.

**LIFE SKILLS MATH (Y) #0774**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
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 math-related concepts that are used in daily living tasks. Students will build on individual math skills as well as work in teams/groups to apply practical math concepts.

**PRACTICAL MATH (Y) #0805**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

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**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

This elective course will begin by assessing and accessing background knowledge; working on decoding strategies; fluency through vocabulary and repetitive reading exercises to promote reading that reflects a natural speech pattern; providing a variety of comprehension strategies as needed to understand various reading materials; writing experience that will reflect and expound on the reading material. These skills will be supplemented by the use of technology for training and practice, all of which will help make students more active, strategic readers promoting learning in all subject areas.

**PRACTICAL ENGLISH I (Y) #0801**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–10	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

This English class will primarily focus on reading comprehension skills in fiction and nonfiction literature, with an emphasis on reading fluency. Vocabulary and spelling will be an essential part of creating a mastery of the literature. Students will also focus on sentence writing skills, which will progress to paragraph and simple essay structures that can be applied to every day use. Collaborative learning will be enhanced as students work on peer editing and reader's theater. Computer and technology integration will be an integral part of each unit.

**CAREERS ENGLISH (Y) #0763**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–10	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

This class will focus on and build English skills and related concepts that will allow the students to prepare for a school-to-career transition. They will work on reading comprehension and writing, build communication skills, improve their vocabulary and become

familiar with career pathways. Students will develop an understanding of the SCANS foundations and competencies as they relate to employer expectations and successful job experiences. Technology, guest speakers, and field trips will be utilized along with independent, small group, and team activities/ assignments.

**LIFETIME HEALTH (Y) #0827Z**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES*	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

This 1-semester health course will offer students the opportunity to learn matters related to their physical, mental, and emotional well being. This course is designed for special education students to learn skills enabling them to practice good health habits for a lifetime. This class will be taught at a slower pace and at a level that will take into consideration the special needs of specific learning styles as well as student disabilities. Students will learn the importance of consciously controlling their own good health so that they may lead long and productive lives in society. This course does not address all of the standards necessary for a high school diploma; however, the course may be taken as preparation for the general education health class or as a standalone elective credit for high school certificate of graduation.

**COMPUTER FUNDAMENTALS (Y) #0765Z**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only and may be repeated.</i>		

This 2-semester class will integrate activities to develop research and problem solving and communication skills through individual and group projects that will be taught at a level and speed conducive to the learning needs of special education students. Students will learn to improve or develop keyboarding skills, create and edit documents using computer applications as Word, Excel, Multimedia/Desktop Publishing, and use the Internet to access information. This course does not address all of the standards necessary for a high school diploma; however, this course may be taken as preparation for the general education computer technology class, or may stand alone as elective credit for a high school certificate.

**HISTORICAL & GEOGRAPHICAL PERSPECTIVES OF THE U.S. (Y) #0820**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only.</i>		

This elective course will explore American historical perspectives, including geography and government, with a focus on U.S. growth and involvement with the world.

**HISTORICAL & GEOGRAPHICAL PERSPECTIVES OF THE WORLD (Y) #0821**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	9–12	5 units per semester
<i>This course meets elective credit only.</i>		

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

**APPLIED AMERICAN GOVERNMENT (Y) #0738**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	11–12	5 units per semester
<i>This course meets elective credit only.</i>		


This course will include the study of the Constitution, Bill of Rights, the Courts, the Legislative Branches, and state and local governments. It will also include an opportunity for all students to become involved in community activities by attending a meeting and experiencing the process. Daily, the students will scan newspapers for aspects of government that affect them directly, as we “apply” government.

**PRACTICAL ECONOMICS (Y) #0739**

<b>PREREQUISITE:</b> IEP team recommendation.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS IHS	11–12	5 units per semester
<i>This course meets elective credit only.</i>		

In this course, students will study the market system of the U.S. economy. The course will include a study of 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 economics and how it affects everyone. This will be taught at a level consistent with the needs of special education students at all levels to best provide them with an opportunity to learn about a critical part of our world that affects everyone.

**TRADE & INDUSTRIAL EDUCATION (T&I)**

 **Note—Some T&I classes will require a fee to cover material costs on projects. All courses are repeatable with instructor’s approval.**

**ENGINEERING DESIGN AND ARCHITECTURE I (Y) #0517**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	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 ARCHITECTURE II (Y) #0518**

<b>PREREQUISITE:</b> Engineering Design I.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	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.

**ARCHITECTURAL DESIGN AND GRAPHICS (Y) #0512**

<b>PREREQUISITE:</b> Engineering Design and Architecture 1or Art 1.		
SCHOOL	GRADES	CREDIT
EDHS ORHS UMHS	10–12	5 units per semester
<i>Meets CSU and UC Requirement: “f”</i>		

Architectural Design and Graphics is an advanced course in which the student will develop a portfolio showcasing projects completed in the areas of sketching, architectural history, structural graphics, architectural design, and presentation. Use and understanding of the computer as a design tool shall also be stressed. At Oak Ridge, landscape design will be stressed.

 **Note—Students who successfully complete the yearlong course of study may elect to receive Visual/Performing Arts credit.**

**MANUFACTURING AND TECHNOLOGY ENGINEERING (Y) #0516**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
ORHS	9–12	5 units per semester

This course is designed to give students a survey of the processes, materials, and techniques used in today’s industry. The student will be provided an opportunity to work in teams to find solutions to real-world problems using state-of-the-art equipment and technology. Students will also be exposed to a variety of advanced technical and industrial applications by using computer simulations. Major objectives include teamwork, problem solving, and production skills.

**BASIC ELECTRONICS (Y) #0544**

<b>PREREQUISITE:</b> None.		
SCHOOL	GRADES	CREDIT
PHS	9–12	5 units per semester

Students will learn about the fascinating world of Electronics technology. This course covers the following units: safety; soldering, test equipment and measurement, electronic components and circuits, electrical sources, semi-conductors such as diodes and transistors, power supplies, amplifiers, analog and digital integrated circuits (ICs), audio equipment, radio and TV transmitters and receivers, and an introduction to the various components and repair techniques of a Personal Computer (PC).

Students will reinforce their knowledge through numerous hands-on lab activities and will build electronics projects for their personal use. Further, students will be exposed to various

technology career opportunities. No prior experience with electronics required.

### AUTOMOTIVE TECHNOLOGY I (Y) #0540

PREREQUISITE: Teacher permission.		
SCHOOL	GRADES	CREDIT
EDHS	10–12	5 units per semester
ORHS	11–12	
PHS	10–12	

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.

### ADVANCED AUTOMOTIVE TECHNOLOGY (Y) #0541

PREREQUISITE: Automotive Technology I and/or Instructor approval.		
SCHOOL	GRADES	CREDIT
PHS	11–12	5 units per semester

Advanced auto is an extension of the skills and knowledge acquired in Automotive Technology I. This is a project-oriented/ hands-on course designed to give the student an opportunity to develop advanced diagnostic, repair, and managerial skills as applied to the automotive industry.

In the beginning class, students will remove and replace parts; in the advanced class, students will remove and repair parts.

### METALS (Y) #0530

PREREQUISITE: Shop Fundamentals or teacher permission.		
SCHOOL	GRADES	CREDIT
EDHS	10–12	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.

### WOODWORKING AND CARPENTRY (Y) #0520

SCHOOL	GRADES	CREDIT
EDHS	9–12	5 units per semester
PHS		
UMHS		

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 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, and sound work habits and safe work practices are stressed.

### FINISH CARPENTRY (Y) #0528

PREREQUISITE: Woodworking and Carpentry or Engineering Design I.		
SCHOOL	GRADES	CREDIT
PHS	10–12	5 units per semester
UMHS		

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.

### INTRODUCTION TO CONSTRUCTION TECHNOLOGY (Y) #0526

PREREQUISITE: Woodworking and Carpentry, or Engineering Design I, or teacher permission.		
SCHOOL	GRADES	CREDIT
EDHS	10–12	5 units per semester

This course is designed to provide the student with vocational experiences associated with construction technology in the areas of light building construction. This course will be integrated with the academic core with students learning math and communication skills through an activity-oriented approach. Based on their experiences in the course, students will learn to make informed occupational and educational choices.

Students will develop skills, knowledge, and attitudes that enable them to obtain employment in the career of their choice. The correct and safe use of tools, machines, materials, and processes, will be stressed at all times.


### ROP COURSES

Please consult pages 38–40 for course descriptions and more information about ROP.

<b>MECHANICAL &amp; ARCHITECTURAL DESIGN</b>		<b>#0960L1</b>
<b>AUTOMOTIVE BODY</b>		<b>#0920</b>
<b>AUTOMOTIVE ENGINE</b>		<b>#0921</b>
<b>COSMETOLOGY</b>		<b>#0927</b>
<b>MANICURING</b>		<b>#0939</b>
<b>COMPUTER &amp; DATA NETWORKING ELECTRONICS</b>		<b>#0929L2</b>
<b>METAL FABRICATION / WELDING</b>		<b>#0932L2</b>

## VISUAL AND PERFORMING ARTS

(Art, Dance, 3-Dimensional Design, Drama, Music)

 **Note—All art and design classes require a fee to help cover material costs on projects made for personal use.**

### ART & 3-DIMENSIONAL DESIGN

#### ART 1 (Y) #0601

SCHOOL	GRADES	CREDIT
EDHS	9–12	5 units per semester
ORHS		
PHS		
UMHS		
IHS		
MVHS		
VHS		
SHS		
ILC		

*Meets UC Requirement: "4"*  
*This course may not be repeated for elective credit.*

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. This course satisfies the Fine Arts graduation requirement.

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

<b>PREREQUISITE:</b> Grade B or better in Art 1 and teacher approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS UMHS VHS	10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g.” Advanced Art may be repeated for elective credit with a grade B and teacher approval.</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. Projects will require the student to work at a more advanced level. This course satisfies the Fine Arts graduation requirement.

**ADVANCED PLACEMENT STUDIO ART (Y) #0606AP**

<b>PREREQUISITE:</b> Teacher approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
ORHS PHS UMHS	11–12	5 units per semester
<i>Meets UC Requirement: “f” and “g.” This course may be repeated for credit with a grade B and teacher approval.</i>		

The AP Studio Art program enables highly motivated students to do college-level work in studio art while in high school. AP Studio Art 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.

**3-D DESIGN (Y) #0607**

<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS PHS UMHS	9–12 10–12 9–12 9–12	5 units per semester
<i>Meets UC Requirement: “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 Fine Arts graduation requirement. This course is a prerequisite for Advanced 3-Dimensional Design. Problem solving is emphasized.

**ADVANCED 3-D DESIGN (Y) #0608**

<b>PREREQUISITE:</b> Grade B or better in 3-Dimensional Design and permission of instructor.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS UMHS	10–12 11–12 10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g.” 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 Fine Arts graduation.

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

<b>PREREQUISITE:</b> Grade C or better in 3-Dimensional Design or teacher approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
PHS UMHS	10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g.”</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.

**ADVANCED 3-D DESIGN: JEWELRY (Y) #0614**

<b>PREREQUISITE:</b> Grade C or better in 3-Dimensional Design or teacher approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
PHS	10–12	5 units per semester

This advanced 3-dimensional design class emphasizes natural and geometric forms using the lost wax technique of jewelry making, creating rings, pendants, earrings, and small sculptures.

**DIGITAL IMAGING PHS—(Y); UMHS—(S) #0635**


<b>PREREQUISITE:</b> Art 1, ICT Foundations; at UMHS teacher approval required		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
PHS UMHS	10–12	5 units per semester

This is a school-to-career course for the digital artist. Students learn industrial graphics programs, such as Adobe Photoshop and Adobe Illustrator, as well as the operation of peripheral devices, such as scanners, digital cameras, and graphic slates. Copyright law is a critical component of this course.

**ARCHITECTURAL DESIGN AND GRAPHICS (Y) #0512**

<b>PREREQUISITE:</b> Engineering Design and Architecture 1 or Art 1.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS UMHS	10–12	5 units per semester
<i>Meets CSU and UC Requirement: “f”</i>		

Architectural Design and Graphics is an advanced course in which the student will develop a portfolio showcasing projects completed in the areas of sketching, architectural history, structural graphics, architectural design, and presentation. Use and understanding of the computer as a design tool shall also be stressed. At Oak Ridge, landscape design will be stressed.

 **Note—Students who successfully complete the yearlong course of study may elect to receive Visual/Performing Arts credit.**

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

<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS UMHS IHS	9–12	5 units per semester
<i>Meets UC Requirement: “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**

<b>PREREQUISITE:</b> Dance I.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS UMHS	9–12	5 units per semester
<i>Meets UC Requirement: “f” and “g.” This course may be repeated for credit.</i>		

Dance II continues to develop the dancer as 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**

<b>PREREQUISITE:</b> Dance I and II or teacher approval.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f" and "g"</i> <i>This course may be repeated for credit.</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**

<b>PREREQUISITE:</b> Audition or instructor consent.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f" and "g"</i> <i>This course may be repeated for credit.</i>		

This yearlong 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.

**DRAMA****DRAMA (Y) #0620**

<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "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 DRAMA (Y) #0621**

<b>PREREQUISITE:</b> Grade B or better in Drama or consent of instructor.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f" and "g"</i> <i>This course may be repeated for elective credit.</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 Drama (#0621) and Advanced Drama Second Year (#0622) will meet the 4th year high school English requirement.

**THEATER TECHNOLOGY AND PRODUCTION (Y) #0625**

<b>PREREQUISITE:</b> Grade C or better in Drama and/or permission of instructor. UMHS: Also required Advanced Drama and Advanced Drama Second Year.		
<b>SCHOOL</b> EDHS PHS UMHS*	<b>GRADES</b> 10–12	<b>CREDIT</b> 5 units per semester
<i>*Meets UC Requirement: "f" and "g" at UMHS</i>		

The Theatre Technology 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****BEGINNING / INTERMEDIATE BAND (Y) #0650**

<b>PREREQUISITE:</b> Consent of instructor.		
<b>SCHOOL</b> UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f"</i> <i>This course may be repeated for elective credit.</i>		

This introductory course in instrumental music at the high school level is designed for freshman students.

This course is also designed for those music students who are past the beginning stage but do not qualify for the advanced unit. From time to time, all or some of the students in this band may be used in performance of the advanced band.

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

<b>PREREQUISITE:</b> Consent of instructor.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f"</i> <i>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**

<b>PREREQUISITE:</b> Consent of instructor.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
<i>Meets UC Requirement: "f" and "g"</i> <i>This course may be repeated for elective credit.</i>		

This course is for the advanced music student. 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**

<b>PREREQUISITE:</b> Consent of instructor.		
SCHOOL	GRADES	CREDIT
PHS UMHS	9–12	5 units per semester
<i>Meets UC Requirement: “f” and “g” 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**

<b>PREREQUISITE:</b> Consent of instructor.		
SCHOOL	GRADES	CREDIT
ORHS UMHS	9–12	5 units per semester
<i>Meets UC Requirement: “f” and “g” 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 performance and extra rehearsals.

**ENSEMBLE CLASS (S) (Y) #0664**

<b>PREREQUISITE:</b> Consent of instructor.		
SCHOOL	GRADES	CREDIT
EDHS PHS	9–12	EDHS variable credit PHS 5 units per semester
<i>Meets UC Requirement: “f” and “g” 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**

<b>PREREQUISITE:</b> Consent of instructor.		
SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	9–12	5 units per semester
<i>Meets UC Requirement: “f” and “g” 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**

SCHOOL	GRADES	CREDIT
EDHS ORHS PHS UMHS	9–12	5 units per semester
<i>Meets UC Requirement: “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**

<b>PREREQUISITE:</b> One year in General Chorus (or advanced singing group at another high school) and/or consent of instructor.		
SCHOOL	GRADES	CREDIT
ORHS PHS	10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g” 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**

<b>PREREQUISITE:</b> One year in General Chorus (or advanced singing group at another high school) with a grade B or better, and/or consent of instructor.		
SCHOOL	GRADES	CREDIT
ORHS UMHS	10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g” 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.

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


<b>PREREQUISITE:</b> One year in General Chorus (or advanced singing group at another high school) and/or consent of instructor.		
SCHOOL	GRADES	CREDIT
ORHS PHS	9–12	5 units per semester
<i>Meets UC Requirement: “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.

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

<b>PREREQUISITE:</b> Consent of instructor.		
SCHOOL	GRADES	CREDIT
PHS UMHS	10–12	5 units per semester
<i>Meets UC Requirement: “f” and “g”</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.

 **Note— Additional classes that provide Fine Art credit toward high school graduation include Floral Design #0703 (page 14) and Architectural Design and Graphics #0512 (page 31). Please review course descriptions to determine which courses meet college admission Fine Art requirements.**

## NON-DEPARTMENTAL

### STUDENT LEADERSHIP (Y) #0877

<b>PREREQUISITE:</b> EDHS: Elected by student body or representatives, 2.0 GPA. ORHS: Elected by student body. PHS: Elected by student body or appointed by the ASB Cabinet, 2.0 GPA, and no failing grades. UMHS: Elected by student body representatives or appointed by ASB Cabinet.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester

This 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, 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 (S) #0877F

<b>SCHOOL</b> ORHS UMHS	<b>GRADES</b> 9 9–12	<b>CREDIT</b> 5 units per semester
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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.

### JOURNALISM 1 (Y); PHS—(S) #0917

<b>SCHOOL</b> ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
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This course teaches the theories and concepts needed to write for publication. Students will learn, practice, and utilize the techniques necessary for all phases of writing design and production of a school publication. Students have the opportunity to make contributions to the campus student publications. This course is recommended prior to enrollment in Newspaper Production and Yearbook. This class will meet the 4th year high school English requirement.

### NEWSPAPER PRODUCTION (Y) #0875

<b>PREREQUISITE:</b> Instructor's approval. See advisor for application. Journalism or prior experience in newspaper recommended.		
<b>SCHOOL</b> ORHS PHS IHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester

This class offers the opportunity for active participation in all phases of the state-of-the-art production of the school's newspaper. Students will interview, write stories, edit, design, perform electronic layout, and distribute and sell advertisements for the school newspaper. This class will meet the 4th year English requirement on campuses where Journalism is not offered.

### YEARBOOK (Y) #0876

<b>PREREQUISITE:</b> An application/interview process is required of students to obtain instructor approval. PHS students are also required to obtain an administrator's approval.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 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. (PageMaker is not offered at EDHS.)

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

<b>PREREQUISITE:</b> Application and screening in May for the following year's class. Students will be selected based on interest, desire, and ability to help others.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 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.

### ADVANCED PEER COUNSELING (Y) #0893

<b>PREREQUISITE:</b> Peer Counseling.		
<b>SCHOOL</b> PHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester

Advanced Peer Counseling is a student success course designed to review, enrich, and extend the processes and applications learned in the first-year course so that students can continue to initiate and maintain productive peer counseling relationships. Materials covered extend as preparation into the world of adulthood. Students present programs to Health Ed classes and at the CAPP conference in March.

### STUDY SKILLS (S) #0915

<b>PREREQUISITE:</b> Student interest.		
<b>SCHOOL</b> EDHS PHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 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. The 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.

### ACADEMIC SUPPORT CLASS (S) #0709

<b>PREREQUISITE:</b> Student need for remediation and/or assistance.		
<b>SCHOOL</b> EDHS ORHS PHS UMHS* IHS SHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 5 units per semester
*UMHS uses various course codes.		

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 supplement 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 (Y) #0905**

<b>PREREQUISITE:</b> Teacher recommendation, 3.0 or higher GPA, tutor application and interview. (Class enrollment in Honors and/or Advanced Placement classes is site-specific.)		
<b>SCHOOL</b> EDHS ORHS PHS UMHS SHS	<b>GRADES</b> 11–12	<b>CREDIT</b> 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.

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

<b>PREREQUISITE:</b> Student must be 16 years of age, eligible to receive a work permit, and complete the Work Experience Education Training Agreement.		
<b>SCHOOL</b> PHS IHS MVHS SHS ILC	<b>GRADES</b> 11–12	<b>CREDIT</b> 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 obtainment. The student must pass both classroom and employer's evaluation to receive credit. Students are responsible for transportation to their worksite.

**DRIVER'S EDUCATION #0904**

<b>SCHOOL</b> EDHS ORHS PHS	<b>GRADES</b> 9–12	<b>CREDIT</b> 2 units per session
<i>Before or after school.</i>		

Students will receive a Certificate of Completion required by the DMV after 30 hours of classroom instruction. The course is designed to develop a knowledge of the provisions of the Vehicle Code and other laws of this state relating to the operation of motor vehicles, a proper acceptance of personal responsibility in traffic, a true appreciation of the causes, seriousness, and consequences of traffic accidents, and to develop the knowledge and attitudes necessary for the safe operation of motor vehicles.

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

<b>PREREQUISITE:</b> 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.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 9	<b>CREDIT</b> 5 units per semester

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 (WIC) through the AVID high school libraries in both teacher- and tutor-led activities.

**AVID II (Y) #0908**

<b>PREREQUISITE:</b> Recommended 2.0–3.5 GPA, enrollment in Algebra 1 or Geometry, successful completion AVID I or student interview, high student motivation and attitude, parent contract, teacher recommendation. Recommended for first in family to attend college.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 10	<b>CREDIT</b> 5 units per semester

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 (WIC) through the AVID high school libraries in both teacher- and tutor-led activities.

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

<b>PREREQUISITE:</b> AVID II.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 11	<b>CREDIT</b> 5 units per semester

This course is an elective 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 (WICR) through the AVID high school libraries in both teacher- and tutor-led activities.

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

<b>PREREQUISITE:</b> At least 2.0 GPA, enrollment in Algebra 2 or Advanced Algebra 2, AVID III.		
<b>SCHOOL</b> EDHS UMHS	<b>GRADES</b> 12	<b>CREDIT</b> 5 units per semester
<i>Completion of Avid III and IV meets CSU and UC requirement "g."</i>		

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 (WICR) through the AVID high school libraries in both teacher- and tutor-led activities.

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

<b>PREREQUISITE:</b> Teacher recommendation, tutor application and interview, 3.0 or higher GPA, and enrollment in Honors and/or Advanced Placement classes.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS 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 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.

**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.

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

<b>PREREQUISITE:</b> Good attendance record, 2.0 GPA, good citizenship, ability to handle detail, appearance and clothing acceptable for a public office, and office staff member approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS PHS UMHS IHS MVHS SHS	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/TEACHER AIDE (S) (Y) #0879**

<b>PREREQUISITE:</b> Completion and approval of application and consent of teacher, counselor, and assistant principal.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS PHS UMHS IHS MVHS SHS ILC	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**

<b>PREREQUISITE:</b> A liking for attention to detail, good attendance, a grade C or better average in English, consent of the librarian and completions of ICT Foundations is required.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS 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**

<b>PREREQUISITE:</b> ICT Foundations, 2.0 GPA, good English skills, and approval of library media teacher.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS PHS UMHS	11–12	5 units per semester

In addition to the duties listed under Library/Media Assistant (#0880), this course will explore the library in-depth. Censorship, effective research methods that include print and electronic resources, library careers, and designing and furnishing a library will be covered. Assignments will follow the new California Standards for Information Literacy.

**SCIENCE LABORATORY ASSISTANT (S) (Y) #0884**

<b>PREREQUISITE:</b> Grade C or better in previous science classes or Department approval.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
ORHS 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 working area conditions.

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

<b>PREREQUISITE:</b> Consent of Cafeteria Manager.		
<b>SCHOOL</b>	<b>GRADES</b>	<b>CREDIT</b>
EDHS ORHS PHS UMHS	11–12	5 units per semester

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

# CENTRAL SIERRA REGIONAL OCCUPATIONAL PROGRAM


ROP training programs are for anyone aged 16 years or older, including adults. The purpose of the ROP is to provide students with marketable job skills—how to locate, apply, and interview for a job; upgrade existing skills; reinforce basic skills; and learn a skill to finance a college education. ROP works in cooperation with local businesses in the community to provide students on-the-job training on up-to-date equipment. Members from local businesses and industry are involved in an advisory committee role to ensure meaningful job skill training.

For more information, refer to the Central Sierra Regional Occupational Program brochure, *Career Education for High School Students and Adults*, or contact the ROP Office at 530.621-0123.

**Grade Level**—Grade 12 students have preference in selecting classes, followed by grade 11 students, then grade 10 students who are at least 16 years of age. Any remaining openings in a class may be filled by adults. Adults will be charged fees and books.

**Credits per Semester**—5 units per hour for each semester. Upon completion of a program, students will receive a certificate indicating their accomplishments. Students must provide their own transportation to and from the ROP classroom and the community classroom site locations.

## ■ AGRICULTURE AND NATURAL RESOURCES SECTOR

 **Note**—Agriculture classes are not repeatable for credit.

<b>ANIMAL HEALTH I (Y)</b> #0965L1	
1 Hour per Day	
<b>SCHOOL</b> PHS	<b>CREDIT</b> 180 hours, 10 units

The intent of this course is to prepare high school students and adults 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. The course also includes instruction in the FFA leadership organization, careers, and Supervised Occupational Experience projects. Students may use this course as the first step to Animal Health Community Classroom.

<b>ANIMAL HEALTH II (Y)</b> #0965L2	
10 Hours per Week: 2 hrs classroom and 8 hrs community classroom <b>PREREQUISITE:</b> Satisfactory completion of Animal Health or 3 years of agriculture class.	
<b>SCHOOL</b> PHS	<b>CREDIT</b> 360 hours, 20 units

This is a yearlong course in which 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, supervised agricultural experience projects, and job readiness.

## ■ ENGINEERING & DESIGN SECTOR

<b>MECHANICAL &amp; ARCHITECTURAL CAD (Y)</b> #0960L1	
1 Hour or 2 Hours per Day	
<b>SCHOOL</b> ORHS	<b>CREDIT</b> 180 credits, 10 units (1 hr/day) 360 hours, 20 units (2 hrs/day)
<i>This course may be repeated for elective credit.</i>	

This course is designed to build drafting skills and serve as a foundation for drafters and pre-engineering students. Advanced Drafting includes descriptive geometry, sheet metal developments, working drawings, architectural (house) design, and construction drawings. An introduction to CAD will include basic Auto CAD commands, mechanical and architectural applications, and plotting. This class may be subject to a lab fee.

## ■ HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR

<b>DENTAL CAREERS (Y)</b> #0928	
3.75 Hours per Day / M–Th	
<b>SCHOOL</b> SHS	<b>CREDIT</b> 540 hours, 30 units

This 2-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 11.25 hours per week and will report for classroom instruction 1 day per week.

<b>DENTAL RADIOLOGY</b> #0941	
This course is taught in the evening and on weekends and is offered several times throughout the year.	
<b>SCHOOL</b> SHS	<b>CREDIT</b> 60 hours, 3 units

Upon successful completion of this course, students will be issued a certificate as well as receive written and clinical evaluations. Possession of this certificate entitles students to expose Dental Radiographs in the state of California. This information will be provided to the Committee on Dental Auxiliaries for their records.

The course encompasses didactical, laboratory, and clinical instruction in radiation safety. Areas of instruction include, but are not limited to, radiation production and safety, intra-oral exposure techniques, film processing, reading, and mounting.

<b>MEDICAL ASSISTANT* (Y)</b> #0945	
3.75 Hours per Day / M–Th	
<b>SCHOOL</b> EDHS	<b>CREDIT</b> 540 hours, 30 units
*Adults only.	

The Medical Assistant course will prepare the student for both the administrative and clinical functions in a medical office setting. Initial instruction will focus on the “core curriculum,” including those areas common to both areas of medical assisting, including Ethical and Legal Considerations, Medical Terminology, Body Structure and Function, Infection Control, etc.

Building on the core curriculum, the student will then progress to the administrative and/or clinical segments for more specific instruction and training necessary for successful employment in a doctor’s office or clinic setting. Because the job title of Medical Assistant applies to an individual who can perform both administrative and clinical duties, it is strongly recommended that the student complete both segments of the course. This Medical Assistant course will include both classroom and community site training.

<b>HOSPITAL OCCUPATIONS (Y)</b> #0944	
3.75 Hours per Day / M–Th	
<b>SCHOOL</b> EDHS	<b>CREDIT</b> 540 hours, 30 units

This 9-month course begins in September and provides students with the basic knowledge and skills necessary to obtain entry-level employment or decide on a specific focus for further vocational training in a variety of health settings.

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 community classroom sites.

Students have the opportunity of firsthand experience in as many as three different settings, allowing them to pursue a specific area in higher education and/or gain employment upon completion of the course.

### ■ HOSPITALITY, TOURISM & RECREATION SECTOR

#### CULINARY ARTS (Y) #0961

3 Hours, 20 minutes per Day / 3 Days per Week / M, T, Th or M, W, F	
<b>SCHOOL</b> EDHS	<b>CREDIT</b> 360 hours, 20 units

This competency-based course prepares students for entry-level positions in the restaurant/food service industry. 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, interpersonal skills, problem solving, safety, technology, and other employment skills.

### ■ INFORMATION TECHNOLOGY SECTOR

#### COMPUTER & DATA NETWORKING ELECTRONICS (Y) #0929L2

2 Hours per Day / M–F	
<b>SCHOOL</b> PHS	<b>CREDIT</b> 360 hours, 20 units

This course is designed to provide basic job entry-level skills and to prepare for advanced training in the area of electronics fundamentals, computer circuitry and equipment, and data network infrastructures. The curriculum includes DC and AC theories; analog and semiconductor components; electronic test and measurement equipment; digital logic and microcomputer devices; computer construction, installation and repair; and data networking installation, configuration, and maintenance.

Students will have the opportunity to reinforce concepts by building electronic devices, troubleshooting, and repairing electronic equipment and computers, and designing and implementing small computer networks. Upon successful completion of the course, students will be able to challenge up to 8 units of college credit in fundamental electronics courses and will be eligible to take industry recognized A+ and N+ certification examinations.

### ■ MANUFACTURING & PRODUCT DEVELOPMENT SECTOR

#### METAL FABRICATION/WELDING (S) (Y) #0932L2

2 Hours per Day / M–F	
<b>SCHOOL</b> EDHS	<b>CREDIT</b> 360 hours, 20 units

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 service 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.

### ■ MARKETING, SALES & SERVICE SECTOR

#### MARKETING OCCUPATIONS (Y) #0934L1

2 Hours per Day	
<b>SCHOOL</b> ORHS PHS	<b>CREDIT</b> 360 hours, 20 units

This course provides students with the opportunity to develop business skills. After the initial classroom orientation period, students will combine weekly classroom instruction with hands-on experience in the community classroom by training with private or public employers. Traditional classroom instruction will cover the fundamentals of marketing that include product, price, promotion, and distribution decisions aimed at meeting the needs of a target market. This instruction will be supplemented with field trips to various business facilities. Industry specific training in the community classroom is available in one of the following areas: retailing, distribution/logistics, or food services. For students who are currently employed in one of these fields, the ROP Cooperative option is available.

This 9-month course integrates math, English, and business writing skills to better prepare students for successful employment in the field of marketing. The development of leadership and employability skills are emphasized throughout the course. Students may also enroll mid-year at the semester break.

### INTERMEDIATE LEVEL MARKETING (S) (Y) #0934L2

<b>PREREQUISITE:</b> Successful completion of 2 semesters of first-year ROP Marketing Occupations and prior instructor approval.	
2 Hours per Day	
<b>SCHOOL</b> ORHS PHS	<b>CREDIT</b> 180/360 hours, 10 units per semester

In this 1- or 2-semester course, the student will apply the basic principles of marketing to case studies and real-world applications by developing marketing and promotional campaigns. Students must provide their own transportation to class and training sites.

#### COSMETOLOGY (Y) #0927

M–F Adults: 8 Hours per Day High School Students: 5 Hours per Day	
<b>SCHOOL</b> SHS	<b>CREDIT</b> 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 (approximately 58 weeks), 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 10th grade. A minimal fee will be charged to adults.

#### MANICURING #0939

M–F	
<b>SCHOOL</b> SHS	<b>CREDIT</b> 400 hours, 15 units per semester

Students complete 400 hours of applied effort set forth by the State Board of Cosmetology in addition to complying with the educational standards of the Central Sierra ROP. Students will be taught theoretical knowledge and practical skills needed to pass the California Manicure Examination. Students will also become familiar with business practices and procedures used in most beauty salons.

■ PUBLIC SERVICES SECTOR

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

2 Hours per Day / M–F	
<b>SCHOOL</b> PHS	<b>CREDIT</b> 360 hours, 20 units

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 a "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 the many field trips made available. Students enrolling in the program must provide shorts, T-shirts, and tennis shoes. College credit for this course may be available through El Dorado Center of Los Rios Community College.

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

3 Hours per Day / M–F	
<b>SCHOOL</b> El Dorado East	<b>CREDIT</b> 540 hours, 30 units

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 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 will also be expected to spend part of the second semester in an on-the-job training experience with local fire agencies.

■ TRANSPORTATION SECTOR

**AUTOMOTIVE BODY (S) (Y) #0920**

2 Hours per Day / M–F	
<b>SCHOOL</b> PHS	<b>CREDIT</b> 360 hours, 20 units

This course is designed to give students the fundamentals of metal working and refinishing of the modern automobile. Students acquire entry-level skills with an emphasis on work ethics and the competence needed for the transition from school to work. Instructional components include metal shaping, panel replacement, sectioning, body, and frame alignment and straightening. Instruction includes all phases of painting and replacement of body components, use and care of tools and equipment, welding techniques and proper preparation, and care of polyurethane enamel, acrylic enamel, and lacquer finishes for stock and custom paints.

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

2 Hours per Day / M–F	
<b>SCHOOL</b> EDHS	<b>CREDIT</b> 360 hours, 20 units

This program helps students prepare for a career in the mechanics trade. Students receive in-depth classroom theory and detailed lab instruction in operation and troubleshooting 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. Students enrolling in this program must provide mechanics' coveralls, safety glasses, large 3-ring loose-leaf notebook, and pen or pencil.

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0213	Algebra 2.....	25	0413	Spanish 3 .....	20	0627	Dance I .....	32
0221	Geometry .....	25	0414	Spanish 4 .....	20	0628	Dance II .....	32
0222	Math Analysis.....	26	0417 AP	Advanced Placement Spanish Literature .....	20	0629	Dance Production.....	33
0227	Advanced Algebra 2.....	25	0420 AP	Advanced Placement French Language and Culture.....	21	0635	Digital Imaging.....	32
0228 AP	Advanced Placement Statistics.....	26	0425	Japanese 1 .....	22	0640	Dance III .....	33
0230 AP	Advanced Placement Calculus AB .....	26	0426	Japanese 2.....	22	0650	Beginning / Intermediate Band .....	33
			0427	Japanese 3.....	22	0652	Jazz Ensemble .....	34
			0428	Japanese 4.....	22	0653	Beginning / Intermediate Instruments.....	33
			0431	Italian 1.....	22			
			0432	Italian 2.....	22			
			0433	Italian 3.....	22			
			0434	Italian 4.....	22			
			0436	Spanish for Heritage Learners .....	20			
			0451	ICT Foundations.....	15			

0655	Advanced Band: Symphonic/ Marching Band.....	33	0907	AVID I Introduction Skills.....	36
0656	Advanced Band: Concert Band.....	34	0908	AVID II.....	36
0657	Advanced Band: Wind Ensemble.....	34	0909	AVID III Junior Seminar.....	36
0660	General Chorus.....	34	0911	AVID IV Senior Seminar.....	36
0661	Treble Ensemble.....	34	0915	Study Skills.....	35
0662	A Cappella Choir.....	34	0917	Journalism 1.....	35
0663	Baritone Chorus.....	34			
0664	Ensemble Class.....	34			
0667 AP	Advanced Placement Music.....	34			
0701	Agriculture Business & Economics.....	14			
0703	Floral Design.....	14			
0704	Agriculture Science.....	14			
0706	Agriculture Biology.....	14, 28			
0707	Ornamental Horticulture.....	14			
0708	Agriculture Leadership.....	15			
0709	Academic Support Class.....	35			
0724	Animal Science.....	14			
0738	Applied American Government.....	30			
0739	Practical Economics.....	30			
0762	Career Experience.....	28			
0763	Careers English.....	29			
0765Z	Computer Fundamentals.....	29			
0774	Life Skills Math.....	29			
0801	Practical English.....	29			
0805	Practical Math.....	29			
0806	Reading Basics.....	29			
0817	Independent Living Skills A–D.....	29			
0820	Historical & Geographical Perspectives of the U.S.....	30			
0821	Historical & Geographical Perspectives of the World.....	30			
0827Z	Lifetime Health.....	29			
0873	Work Experience.....	36			
0875	Newspaper Production.....	35			
0876	Yearbook.....	35			
0877	Student Leadership.....	35			
0877F	Student Leadership I.....	35			
0878	Library Science.....	37			
0879	School Service/Teacher Aide.....	37			
0880	Library Media Assistant.....	37			
0881	Cafeteria Assistant.....	37			
0882	Office Assistant.....	37			
0884	Science Laboratory Assistant.....	37			
0885	Life Skills/Peer Counseling.....	35			
0893	Advanced Peer Counseling.....	35			
0894	Service Learning.....	24			
0904	Driver's Education.....	36			
0905	Academic Peer Tutoring.....	36			
0906	AVID Peer Tutor.....	37			

#### ROP COURSES

0920	Automotive Body (ROP).....	40
0921	Automotive Engine.....	40
0927	Cosmetology.....	39
0928	Dental Careers.....	38
0929 L2	Computer & Networking Electronics.....	39
0932 L2	Metal Fabrication/Welding.....	39
0933	Law Enforcement.....	40
0934 L1	Marketing Occupations.....	39
0934 L2	Intermediate Level Marketing.....	39
0939	Manicuring.....	39
0941	Dental Radiology.....	38
0944	Hospital Occupations.....	38
0945	Medical Assistant.....	38
0948	Fire Control Technician.....	40
0960 L1	Mechanical & Architectural Design.....	38
0961	Culinary Arts.....	39
0965 L1	Animal Health I.....	38
0965 L2	Animal Health II.....	38



**EL DORADO UNION HIGH SCHOOL DISTRICT**  
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