

# **Yucaipa High School**

**Yucaipa-Calimesa Joint Unified School District**

## **2023-2024 Course Catalog**

Course Description Catalog and Educational Planning Guide



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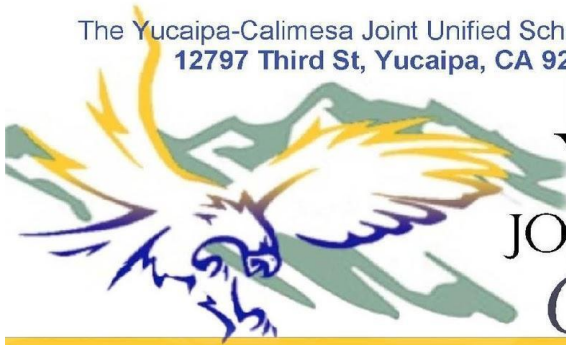
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## **YCJUSD Graduation Profile**

The Yucaipa-Calimesa Joint Unified School District serves nearly 10000 students from grades PreK-12  
12797 Third St, Yucaipa, CA 92399 • 909-797-0174 • yucaipaschools.com



# YUCAIPA-CALIMESA JOINT UNIFIED SCHOOL DISTRICT GRADUATE PROFILE

A YCJUSD Graduate will demonstrate:

**TECHNOLOGICAL LITERACY** / Use digital technologies to locate, evaluate, use, communicate and create information

**COLLABORATION** / Interact and cooperate with others of diverse backgrounds to accomplish tasks and shared outcomes

**COMMUNICATION** / Communicate effectively through written, oral and nonverbal means

**CRITICAL THINKING, PROBLEM SOLVING** / Apply skills and knowledge in real-life situations to solve problems and create new knowledge in a global society

**RESPONSIBILITY** / Organize tasks, self-manage and complete tasks with quality

**COMMUNITY AWARENESS** / Contribute time and talent to build community connectedness

***This Graduate Profile has been endorsed by the following organizations:***

- San Bernardino County Superintendent of Schools (SBCSS)
- Yucaipa-Calimesa Joint Unified School District Board and Cabinet
- Yucaipa High School Faculty and Administration
- Colton-Redlands-Yucaipa ROP (CRY-ROP)
- Yucaipa City Hall/City Manager's Office
- Yucaipa Chamber of Commerce
- Yucaipa STEM Advisory Committee
- Crafton Hills College
- San Bernardino Valley College
- Cal State University San Bernardino
- Yucaipa/Calimesa Local Service Organizations



**YUCAIPA-CALIMESA JOINT UNIFIED SCHOOL DISTRICT**  
*Innovative Programs • World Class Education*

## **Schedule Adjustments**

**These policies will be adhered to strictly for the benefit of the Educational program for all Yucaipa High School students.**

### **Transfers prior to the first week of the semester:**

For approximately **one week prior to the beginning of each semester**, schedule adjustments will be made according to student needs and subject to course availability.

### **Transfers during the first three weeks of the semester:**

During the first three weeks of each semester, schedule changes may be made for the following reasons:

1. Previously earned credit for a class completed
2. Required class is missing from the schedule
3. Schedule is incomplete
4. Adjustments for enrichment/curricular programs or needs

**\*Changes will not be made due to teacher preference. If a student alleges a conflict with a teacher, consideration for a change may be given only if the student was enrolled previously for a semester with the teacher in question and a parent conference has occurred with the administrator and teacher working as a team to determine the best outcome for the student.**

**\*Changes will only be made if space is available in other classes. This may necessitate multiple period or class changes.**

## **Grade Reporting Periods**

All courses at YHS are on an A to D grade scale for the purpose of earning credits towards graduation. The “F” grade receives no credit.

Progress and Grade Reports can be viewed on Aeries Portal through the Yucaipa High School website by teacher.

Quarter Grade Reports are issued at approximately the ninth week of each semester; these progress grades show a student’s status in all classes.

The second progress report of the semester is issued for those students earning a D or lower in one or more classes approximately twelve weeks into each eighteen-week semester; these reports are designed to communicate with parents regarding student progress. A progress report grade of C, D or F indicates that the student is in danger of failing a course, and gives the parent and student an opportunity to seek extra help or communicate with the teacher to determine concerns.

Final grades are issued at the end of each semester. These grades are recorded on the official transcript as part of the student's permanent record.

## **Academic Program**

### ***Course Enrollment Expectations***

Yucaipa High School students will enroll in six courses during 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade. Seniors, who meet graduation requirements with room to spare, may enroll in five classes in the fall and spring semesters. Seniors planning to pursue a competitive enrollment college or university program will want to enroll in six courses.

**Credits:** Yucaipa High School awards credit for the successful completion of semester courses at the rate of five credits per class per semester.

## **Community College Dual Enrollment**

### ***Dual Enrollment***

CHC Dual Enrollment for YHS students is a partnership between Yucaipa High School and Crafton Hills College.

The CHC-YHS partnership provides dual enrollment courses for Yucaipa High School Students on the YHS campus. The courses are offered at no cost to students and will earn them college credit.

#### **To be eligible for Dual Enrollment, students must have:**

- The recommendation of their high school principal or counselor.
- The consent of a parent or guardian if student is under age 18.
- Demonstrated adequate preparation in the discipline to be studied.

Students who meet the eligibility requirements must complete the following:

- Submit CHC [Application for Admission](#) online.  
*Note: High School Dual Enrollment students must submit a new application every term.*
- Completed [High School Dual Enrollment Form](#) online.
- Get parent/guardian approval for dual enrollment course.
- Enroll in the approved course.

Prior approval is required from the counselor or administrator at Yucaipa High School for a student to enroll in a Community College course.

Grades for Dual Enrollment courses will be placed on the student's high school transcript unless the student requests that the grade not be reflected on the transcript prior to course completion. Written requests must be submitted to the YHS Dual Enrollment Counselor.

## **Grade Point Average (GPA) Determination**

- A) **Total GPA**: includes **All** subject grades and P.E./Athletics from grades 9 through 12.
- B) **Academic GPA**: For selection of school honors including Principal's Honor Roll, all grades except P.E./Athletics from grades 9 through 12 are used. The Principal's Honor Roll is designed to honor those Yucaipa High School students who, at the end of two consecutive semesters within a school year, have earned a 3.5 or higher academic grade point average.
- C) **Grades 10-12 Academic GPA**: University of California/California State University Eligibility

Grade point average at Yucaipa High School is computed as follows:

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

Additional points for Advanced Placement (AP) and honors courses: The calculation of a GPA for a given semester will reflect a grade point average using the typical 5-4-3 honor point averaging system.

### **Top 1% Criteria**

Yucaipa High School recognizes the Top 1% in the senior class. Top 1% students must meet the following criteria:

- All graduation requirements will be included in GPA calculation
- All students will be evaluated on top 45 semester grades between grades 9-12
- Top 1% students must have attended YHS all four semesters of their junior and senior year
- If a student is EXEMPT from P.E., courses will be substituted with non A.P./honors courses  
Teacher Assistant, Office Assistant, and Peer Tutor courses will not be included in the final calculation

### **California Scholarship Federation (CSF)**

Students who qualify for CSF membership (see qualification details on YHS website) will:

1. Receive notification of qualifying semester.
2. Pay membership dues by semester deadline date.

### **Sealbearer or Life Member (Academic Honors)**

Requires four semesters of membership based on grades earned (applied or accepted) in Grades 10-12. (Grade 9 does not count toward Sealbearer or Life Membership). One semester of membership must be based on grades earned in the 12th grade. The student must have paid membership dues by the deadline each semester.

### **100% Member (Highest Academic Honors)**

Students must have qualified and paid membership dues by the deadline for all six semesters (grades 10-12).

CSF awards are distributed to seniors prior to graduation.

9th grade students may join CSF as “associate members.” However, enrollment during 9th grade does not count towards the CSF awards received at graduation.

## **Golden State Seal Merit Diploma**

To be eligible to receive the Golden State Seal Merit Diploma upon high school graduation, a student shall complete all requirements for a high school diploma and demonstrate, in accordance with the means adopted by the State Board of Education, mastery of the curriculum in at least six subject areas, four of which shall be mathematics, English language arts, science, and United States history, with the remaining two subject matter areas selected by the student.

1. English language arts/literacy (ELA)—students must have earned one of any of the following:
  - a. A grade of B+ or above (or numerical equivalent) in a single course (each semester) completed in grade nine or ten or eleven
  - b. An achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment
2. Mathematics—students must have earned one of any of the following:
  - a. A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven
  - b. An achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment
3. Science—students must have earned one of any of the following:
  - a. An achievement level of "Standard Met" or above for the high school California Science Test taken in grade ten or eleven
  - b. An grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine, ten or eleven
4. U.S. history—students must have earned one of any of the following:
  - a. A grade of B or above (or numerical equivalent) upon completion of the required U.S. history course (each semester)
  - b. A qualifying score that demonstrates mastery of the subject as determined by the LEA for an examination produced by a private provider or the LEA
5. Two additional subject areas—students may choose from any of the following:
  - a. Any additional qualifying grade or score listed above, earned for the subject of ELA, mathematics, science, or U.S. history not already used to meet eligibility
  - b. A grade of B or above (or numerical equivalent) upon the completion of high school courses in other subjects
  - c. A qualifying score that demonstrates mastery of other subjects, as determined by the LEA, for an examination produced by a private provider or the LEA

The Superintendent or designee shall maintain appropriate records to identify students who are eligible for the merit diploma and shall affix an insignia to the diploma of each student awarded the merit diploma.

## State Seal of Biliteracy

The State Seal of Biliteracy will be awarded to a student who has studied and attained proficiency in two or more languages by high school graduation. For a student who earns the State Seal of Biliteracy, the school's registrar shall affix the insignia to the diploma and shall document the achievement on the transcript of each qualifying student.

### Eligibility Criteria for a Student Whose Primary Language is English

Each of the following three academic requirements shall be fulfilled.

1. Student must have completed all English-Language Arts (ELA) requirements for graduation;
2. Students must have earned a minimum overall weighted grade point average (GPA) of 2.0 or above when considering all coursework through the fall semester of the 12<sup>th</sup> grade year; and
3. Pass the CA ELA Assessment of Student Performance and Progress (CAASPP) at the "Standard Met" level or above.
4. Student must demonstrate proficiency in one or more languages other than English through **one** of the following methods:
  - a. Pass a world language Advanced Placement (AP) examination with a score of 3 or higher;
  - b. Successfully complete a four-year high school course of study in a world language and attain an overall grade point average of 3.0 or above in the course of study and demonstrate oral proficiency; or
  - c. Pass the AVANT assessment for World Languages with no sub area below a 4.

### Eligibility Criteria for a Student Whose Primary Language is not English

If the primary language of a student in grades nine to twelve, inclusive, is other than English, the student shall meet the following two academic requirements:

1. Demonstrate English Proficiency on the English Language Proficiency Assessment for California (ELPAC).

## Graduation Requirements

According to the Yucaipa-Calimesa Joint Unified School District Board Policy for Graduation Requirements/Standards of Proficiency Board Policy (BP)/Administrative Regulation (AR) 6146, to earn a high school diploma, students **earn a total of 225 credits in the following courses:**

**\*A passing grade of D or better must be earned in all courses taken at Yucaipa High School in order to earn credit toward graduation. A course for which a student earned a passing grade cannot be repeated for credit.**

**\*Repeating a course where a D grade was earned will be allowed only as grade improvement and not for duplicate credit.**

English	History	Mathematics	Science	Physical Education	Visual Arts/ Performing Arts OR Foreign Language	Electives
40 credits	30 credits	30 credits	20 credits	20 credits	10 credits	75 credits

English 9, 10, 11, 12	Mod World History, US History, Government/Econ	3 Years Required	Life Science & Physical Science	2 Years Required	1 Year Visual Arts/ Performing Arts OR Foreign Language.	
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## **Counseling Program**

### ***Counseling Services***

The Yucaipa High School counseling and career center staff members have developed a comprehensive guidance program that assists all students in acquiring the skills, knowledge, and attitudes needed to become effective students, responsible citizens, and lifelong learners. Our goal is to design a personal learning plan that matches each student's aptitudes and interests. Each student is assigned to a counselor who assists with personal guidance, academic planning, and postsecondary preparation. The ultimate goal of our guidance program is to ensure that all students graduate with the competencies necessary to make self-directed, realistic decisions and to be successful contributors to society.

Support services provided are listed below. Counselor appointments are scheduled through the counseling office. Counselors are available on a walk-in basis for students in need of emergency counselor support during the school day. Included in the support provided by counselors are the following:

- New and continuing student enrollment
- High school educational planning and graduation status checks
- Personal, social and emotional support
- Referrals to school interventions and community resources
- Collaboration with students, parents, and teachers
- Advisement of college and university entrance requirements
- College entrance testing information
- Scholarship and financial aid information
- College/University letters of recommendation
- Career awareness and planning

### ***College and Career Center Services***

The Yucaipa High School College and Career Center is an extension of the Counseling Office. The College and Career Center provides students with the following services:

- Presentations by colleges, universities, and trade/technical schools
- Dual Enrollment application/registration
- Financial Aid Application support
- College and Career Preparation sessions in grades 9-12
- Connections to Yucaipa High School paid tutoring program
- Appointments with military recruiters
- Armed Services Vocational Aptitude Battery (ASVAB) testing and interpretations
- A Career Fair
- Promote job and volunteer opportunities
- Provide information about the ROP program
- Assist seniors with the Crafton Hills College Transition program, application, testing, and orientation class

## **Athletic Program**

Athletics at Yucaipa High School is an integral part of the educational program. It provides learning experiences for students who participate. It develops habits, attitudes, and ideals necessary for ethical competition and cooperation in our society. It provides our students with unique opportunities for self-discipline, self-sacrifice, and loyalty to the community, the school, and the team. In short, Yucaipa High School Athletics helps students mature successfully.

### **Athletic Privilege**

The U.S. Supreme Court has ruled that Athletics is a privilege provided by the school district. The privilege can be revoked if an athlete fails to meet standards of the program.

### **Requirements for Participation**

**1. Grades/Credits:**

- a. Unweighted 2.0 GPA minimum for the last grading period
- b. 20 credits of passing grades (generally 5 credits per class passed) for the last grading period
- c. Of the 20 credits, only one Physical Education class may be counted

2. **Athletic Clearance Form** Athletic clearance is handled digitally at [athleticclearance.com](http://athleticclearance.com). Doctor clearance is valid for the current school year and covers all sports.

3. **Tryouts:** Regarding sports which have tryouts, the determination of who makes the team, the level at which they play, and the amount of playing time is at the sole discretion of the head coach of that sport. The tryout process for each sport will be available to students in the Athletic Office at the beginning of their season of sport.

### **BOYS' SPORTS**

<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Yearlong</u>
Cross Country	Basketball	Baseball	Cheer
Football	Soccer	Golf	
Water Polo	Wrestling	Swimming	
		Tennis	
		Track/Field	
		Volleyball	

### **GIRLS' SPORTS**

<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Yearlong</u>
Cross Country	Basketball	Softball	Cheer
Golf	Soccer	Swimming	
Tennis	Water Polo	Track/Field	
Volleyball	Wrestling		

## **General Course and Program Information**

### ***Notice of Non-Discrimination***

Yucaipa High School does not discriminate or deny of equality of educational opportunity based on the student's actual or perceived race, color, ancestry, national origin, nationality, ethnicity, ethnic group identification, age, religion, marital or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity, or gender expression; or association with a person or group with one or more of these actual or perceived characteristics.

### ***AP/Honors Courses***

**Honors Courses** are designed for students who are capable of and interested in progressing through course material with more depth and rigor than the regular college preparatory coursework. Honors courses prepare students with the knowledge and skills valuable in the Advanced Placement (AP) courses.

**Advanced Placement (AP) Courses** are taught at a college level with curriculum approved by The College Board. Students successfully completing AP courses should plan to take The College Board Advanced Placement tests. Students who score well on these tests may be awarded credit in many colleges and universities. For more information on AP courses and AP tests: <https://apstudent.collegeboard.org>

Students and parents will acknowledge their understanding of the expectations of an Advanced Placement and/or Honors course by:

- Viewing an online AP/Honors video;
- Being aware there is increased workload & rigor;
- Being aware that any AP/Honors course is a YEAR LONG commitment.

### ***Mathematics Course Placement***

The Yucaipa-Calimesa Joint Unified School District Governing Board believes that a sound educational program must include the study of subjects that prepare students for admission to higher education and/or a fulfilling career. To the extent possible, district students shall be provided an opportunity to complete a sequence of mathematics courses recommended for admission into the University of California and California State University systems.

In accordance with Board Policy 6152.1 the Superintendent or designee shall work with district teachers, counselors, and administrators and the representatives of feeder schools to develop consistent protocols for placing students in mathematics courses offered at district high schools. Such placement protocols shall systematically take into consideration multiple objective academic measures that may include, but are not limited to, interim and summative assessments, placement tests that are aligned to state-adopted content standards in mathematics, classroom assignments and grades, and report cards. Students shall be enrolled in mathematics courses based on the placement protocols. No student shall repeat a mathematics course which he/she has successfully completed based on the district's placement protocols.



# YUCAIPA HIGH SCHOOL

## Linked Learning

### Academies

Yucaipa High School offers students the opportunity to explore specific career fields while in high school as a way to prepare for college, career, and life through Linked Learning Academies. A Linked Learning Academy is a sequence of courses that engages students by making their education relevant. Each academy is organized around a 21<sup>st</sup> century career theme: engineering, health sciences, and law and public safety. Each academy meets graduation requirements and prepares the students for post-secondary education and/or the world of work. An academy is not for everyone as is encouraged for those who are interested in the fields of engineering, health sciences, and law and public safety.

Yucaipa High School currently has 3 Linked Learning Academies students can choose to participate in:

Engineering Academy

Health and Biomedical Sciences Academy (HBS)

Law and Public Safety Academy (LPS)

#### ***4 Core Components of Linked Learning***

- Rigorous Academics in all Academy classes
  - o Cohorted classes
  - o Project Lead The Way (PLTW) Curriculum used in HBS and Engineering Academy
  - o Some courses articulated with local community colleges
- Career-Based Learning in all Academy classes
  - o Course themes center around industry sectors
  - o Business and Industry Professionals to help keep information current and relevant to student learning

- Work-Based Learning Experiences through all years
  - o Career Awareness- build awareness of a variety of careers and the role of post-secondary education in the field.
  - o Career Exploration- explore career options and post-secondary education in order to motivate and inform students.
  - o Career Preparation- apply learning through practical experience that develops skills necessary for industry.
  - o Career Training- train for employment or post-secondary education in specific industries.
- Integrated Student Supports for all academy students
  - o Grade level teacher teams as support for students
  - o Intervention hours by academy teachers
  - o Dedicated counselor for each academy

***Can I still participate in other electives and activities on campus?***

Each academy has its own set course sequence, but allows for choice in order to participate in other electives like Band, Art, Music, Foreign Language, etc. At some points, it may be necessary to take a 0 period or a summer school course to allow for the additional class.

***How do I choose to participate in a Linked Learning Academy?***

If you are interested in being part of an academy at YHS, please speak with your counselor when completing registration for ninth grade. Students interested in joining one of the academies in the 10<sup>th</sup> grade need to speak with their counselor or the Linked Learning coordinator about the possibility. Students are not eligible to enter an academy after the beginning of their 10th grade year. The academies are not mandatory and are encouraged for those interested in the careers associated with the academy.

**Yucaipa High School**  
**Engineering Academy**  
*Program of Study*



**Civil Engineering Pathway**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>English</b>	ENG English 9 or Honors English 9	English 10 or Honors English 10	English 11 or AP English 11	ERWC or AP English 12
<b>Social Science</b>		Modern World History or AP European History	US History or AP US History	Gov't/Economics or AP Gov't/Economics
<b>Math</b>	ENG Math 1 Honors Path: ENG Math 2H	ENG Math 2 Honors Path: ENG Math 3H	ENG Math 3 Honors Path: Pre-Calc H	Trigonometry, Statistics and/or AP Statistics Honors Path: AP Calc BC
<b>Science</b>	Appropriate Level	Appropriate Level	Appropriate Level (recommended)	
<b>Fine Art</b>				
<b>Foreign Language</b>	World Language 1	World Language 2	World Language 3 (recommended)	
<b>Physical Education</b>	PE 1	PE 2		
<b>Academy Specific Course</b>	Intro to Design * *fulfills Fine Art requirements	Principles of Engineering	Civil Engineering and Architecture	Engineering Design and Development
<b>Suggestive Electives</b>	Construction Technology 3D Model	Construction Technology Adv 3D Model	Construction Technology	Construction Technology

**Computer Science Pathway**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>English</b>	ENG English 9 or Honors English 9	English 10 or Honors English 10	English 11 or AP English 11	ERWC or AP English 12
<b>Social Science</b>		Modern World History or AP European History	US History or AP US History	Gov't/Economics or AP Gov't/Economics
<b>Math</b>	ENG Math 1 Honors Path: ENG Math 2H	ENG Math 2 Honors Path: ENG Math 3H	ENG Math 3 Honors Path: Pre-Calc H	Trigonometry, Statistics and/or AP Statistics Honors Path: AP Calc BC
<b>Science</b>	Appropriate Level	Appropriate Level	Appropriate Level (recommended)	
<b>Fine Art</b>				
<b>Foreign Language</b>	World Language 1	World Language 2	World Language 3 (recommended)	
<b>Physical Education</b>	PE 1	PE 2		
<b>Academy Specific Course</b>	Intro to Design	Principles of Engineering	AP Computer Science Principles	AP Computer Science A
<b>Suggestive Electives</b>	Construction Technology 3D Model Exploring Computer Science	Construction Technology 3D Model Exploring Computer Science		

Indicates Academy cohorted classes

**Yucaipa High School**  
**Health and Biomedical Sciences Academy**  
*Program of Study*



	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>English</b>	HBS English 9 or Honors English 9	HBS English 10 or Honors English 10	HBS English 11 or AP English 11	HBS ERWC or AP English 12
<b>Social Science</b>		Modern World History or AP European History	US History and Public Health or AP US History	Gov't/Economics or AP Gov't/Economics
<b>Math</b>	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
<b>Science</b>	Biology or Honors Biology	Chemistry or Honors Chemistry	Appropriate Level (recommended)	Appropriate Level (recommended)
<b>Fine Art</b>			<i>*See Fine Art options in course guide</i>	<i>*See Fine Art options in course guide</i>
<b>Foreign Language</b>	World Language 1	World Language 2	World Language 3 (recommended)	
<b>Physical Education</b>	PE 1	PE 2		
<b>Academy Specific Course</b>	Principles of Biomedical Sciences	Human Body Systems	Medical Interventions	Biomedical Innovation and/or ROP CMA
<b>Suggestive Electives</b>	EMR 1	Medical Front Office Medical Terminology EMR 2	Medical Front Office Medical Terminology Sports Medicine	Sports Medicine

Indicates Academy cohorted classes

Yucaipa High School  
 Law and Public Safety  
 Academy Program of Study



**Fire Pathway**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English	LPS English 9 or Honors English 9	LPS English 10 or Honors English 10	LPS English 11 or AP English 11	ERWC or AP English 12
Social Science		Modern World History or AP European History	LPS US History or AP US History	Gov't/Economics or AP Gov't/Economics
Math	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
Science	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
Fine Art			<i>*See Fine Art options in course guide</i>	<i>*See Fine Art options in course guide</i>
Foreign Language	World Language 1	World Language 2	World Language 3 (recommended)	
Physical Education	LPS PE 1	LPS PE 2		
Academy Specific Course	Freshman Seminar Law	*see PE class above	Fire Science 1	Fire Science 2
Suggestive Electives			Intro to Criminal Justice EMR 1 Forensics	Criminal Investigation EMR 2 Forensics

**Law Enforcement Pathway**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English	LPS English 9 or Honors English 9	LPS English 10 or Honors English 10	LPS English 11 or AP English 11	ERWC or AP English 12
Social Science		Modern World History or AP European History	LPS US History or AP US History	Gov't/Economics or AP Gov't/Economics
Math	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
Science	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
Fine Art			<i>*See Fine Art options in course guide</i>	<i>*See Fine Art options in course guide</i>
Foreign Language	World Language 1	World Language 2	World Language 3 (recommended)	
Physical Education	LPS PE 1	LPS PE 2		
Academy Specific Course	Freshman Seminar Law	*see PE class above	Intro to Criminal Justice	Crime Investigation
Suggestive Electives			Fire Science 1 EMR 1 Forensics	Fire Science 2 EMR 2 Forensics

Indicates Academy cohorted classes

**EMR Pathway**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>English</b>	LPS English 9 or Honors English 9	LPS English 10 or Honors English 10	LPS English 11 or AP English 11	English 12 or AP English 12
<b>Social Science</b>		Modern World History or AP European History	LPS US History or AP US History	Gov't/Economics or AP Gov't/Economics
<b>Math</b>	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
<b>Science</b>	Appropriate Level	Appropriate Level	Appropriate Level	Appropriate Level
<b>Fine Art</b>			<i>*See Fine Art options in course guide</i>	<i>*See Fine Art options in course guide</i>
<b>Foreign Language</b>	World Language 1	World Language 2	World Language 3 (recommended)	
<b>Physical Education</b>	LPS PE 1	LPS PE 2		
<b>Academy Specific Course</b>	Freshman Seminar Law	*see PE class above	EMR 1	EMR 2
<b>Suggestive Electives</b>			Fire Science 1 Intro to Criminal Justice Psychology AP Psychology Forensics	Fire Science 1 Fire Science 2 Intro to Criminal Justice Criminal Investigation Psychology AP Psychology Forensics

Indicates Academy cohorted classes

## **Regional Occupational Program (ROP)**

The Colton-Redlands-Yucaipa ROP was created to increase the career preparation opportunities available for high school students and adults residing in all three school district communities. ROP classes satisfy both YHS elective credit graduation requirements and students' career education goals.

1. **ENROLLMENT**: Students who wish to take an ROP course are to follow standard enrollment and course selection procedures. Students requiring assistance in ROP course selection are to see either the ROP Career Guidance Specialist in the Career Center or their high school guidance counselor in the Counseling Center.
2. **ELIGIBILITY**:
  - Some courses require specific prerequisites prior to enrollment in the course,
  - Some courses have a minimum age requirement, and/or
  - Individuals with special needs or circumstances requiring early eligibility

Priority is given to seniors, then juniors, followed by sophomores.

3. **WORKSITE LEARNING**: Some ROP classes provide students the opportunity to continue their career education directly in local businesses. The benefits of participation in worksite learning are:
  - A. Students are better able to make the transition from the high school environment to the real world of work.
  - B. Students receive work training that can be used as a reference when seeking future employment.
  - C. Students are able to make informed career choices based on actual work experience.

Students are invited to speak with the teacher and/or Career Guidance Specialist regarding work site learning opportunities.

## **Special Education Program**

The following Special Education classes are also offered at Yucaipa High School; however, students are placed in these classes per Individual Education Program (IEP) agreement:

- SI Modern World History
- SI U.S. History
- SI Government/Economics
- SI Math
- SI Math 1A
- SI Math 1B
- SI Tech Prep. Math
- SI Earth Science
- SI Biology
- SI English 9-10
- SI English 11- 12
- SI English 9 - 12
- TPP
- Learning Center

The Life Skills Program at Yucaipa High School offers a comprehensive curriculum focusing on functional academics, independent living and vocational skills, with an emphasis on community-based instruction. The program is for students on a non-diploma track. In addition, the Life Skills Program offers a vocational transition program (VTP) for students continuing with their education after receiving their certificate of achievement.

The following Special Education classes are also offered at Yucaipa High School within the Life Skills Program per Individual Education Plan (IEP):

- Life Skills English Language Arts
- Life Skills Independent Living
- Life Skills Learning Center
- Life Skills Mathematics
- Life Skills Science (10<sup>th</sup> grade)
- Life Skills Science (CAASPP) (11<sup>th</sup> grade)
- Life Skills Vocational Education On Campus
- Life Skills Vocational Transition Program (VTP)

The following classes are also offered at Yucaipa High School; however, English Language Learners are placed in these classes based on English Language Proficiency Assessment for California (ELPAC) scores and academic performance:

- ELD I
- ELD II
- ALD

## Guidelines for Students Planning to Attend College or Technical School

This section includes resources that may help students plan a high school program of studies to prepare for admission to post-secondary school.

### UC/CSU A-G College Entrance Requirements

# I'm Going to College

## "A-G" Minimum Subject Requirements University of California ♦ California State University

<b>"A" HISTORY</b> 2 Years Required of History/Social Science, including one year of <i>World History, Cultures or Geography</i> ; and one year of <i>U.S. History</i> or one-half year of <i>U.S. History</i> and one-half year of <i>Civics or American Government</i>	1 2
<b>"B" ENGLISH</b> 4 Years Required <i>College Preparatory</i>	1 2 3 4
<b>"C" MATHEMATICS</b> 3 Years Required, 4 Years Recommended To include <i>Algebra I, Algebra II, Geometry</i>	1 2 3 ★
<b>"D" LABORATORY SCIENCE</b> 2 Years Required, 3 Years Recommended For UC: Recommend 2 years with at least 2 years providing fundamental knowledge in 2 of the 3 core disciplines: <i>Biology, Chemistry, Physics</i> For CSU: Requires at least 1 year of Biological Science and 1 year of Physical Science	1 2 ★ ★
<b>"E" LANGUAGE OTHER THAN ENGLISH</b> 2 Years Required of Same Language, 3 Years Recommended For UC: A score of 520-569 on SAT II* = 2 Years Credit A score of 570 or above on SAT II* = 3 Years Credit For CSU: A score of 460 on SAT II* satisfies requirement (*Spanish Only – refer to UC/CSU Counselors' Guides for other languages)	1 2 ★
<b>"F" VISUAL or PERFORMING ARTS</b> 1 Year Required <i>Approved UC courses in Drawing/Painting, Ceramics, Music, Dance, or Theater</i>	1
<b>"G" COLLEGE PREP ELECTIVE</b> 1 Year Required – may use excess years of "A-F" Courses	1

★ Additional courses recommended by AVID

\* Refer to: <http://www.ucop.edu/doorways/> for your school's approved courses.

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## **National Collegiate Athletic Association (NCAA) Coursework Requirements**

Student-athletes must complete appropriate coursework to qualify for NCAA programs. Therefore, it's important that you and the school's coaches **monitor changes in NCAA coursework requirements** and communicate such changes to your student-athletes. Here's how you can help your student-athletes stay on track.

### Coursework Requirements for NCAA Athletics and Scholarships

Here is an overview of the basic NCAA eligibility criteria. Visit the NCAA Eligibility Center for more details.

<b>Division I: 16 Core Courses</b>	<b>Division II: 16 Core Courses</b>
<b>4</b> years of English	<b>3</b> years of English
<b>3</b> years of math (algebra 1 or higher level)	<b>2</b> years of math (algebra 1 or higher level)
<b>2</b> years of natural or physical science (including one year of lab science if offered)	<b>2</b> years of natural or physical science (including one year of lab science if offered)
<b>1</b> extra year of English, math, or science	<b>3</b> extra years of English, math, or science
<b>2</b> years of social science	<b>2</b> years of social science
<b>4</b> years of additional core courses (from any category above, or in a foreign language, non-doctrinal religion or philosophy)	<b>4</b> years of additional core courses (from any category above, or in a foreign language, non-doctrinal religion or philosophy)

### *Academic Standards*

#### Division I Eligibility

- All students entering college must have completed **16 core courses** in high school.
- Earn a corresponding test score that matches your core course GPA (minimum 2.3) on the Division I Sliding Scale.

#### Division II Eligibility

- All students entering college must have completed **16 core courses** in high school.
- Earn a corresponding test score that matches your core course GPA (minimum 2.2) on the Division II Sliding Scale.

For more details, go to the Resources section for NCAA eligibility fact sheets.

## **University of California and California State University (CSU) Campuses**

Generally, college preparatory, honors or advanced placement courses are reported in the application. Refer to the freshman admission information provided on the CSU web site for specific information about high school course requirements.

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

CSU: <http://www.csumentor.edu/>

## **College Admissions Testing**

Some four-year colleges and universities in the United States require students to complete a college admissions test as part of the application procedure. These tests are either the American College Test (ACT) or the Scholastic Aptitude Test (SAT). The admissions testing requirements for specific colleges and universities should be verified with each institution. The web sites for the California public universities are listed below.

ACT website: <http://www.act.org>

SAT website: <http://www.collegeboard.org>

## **Funding Post-Secondary Options**

### **Types of Aid**

**Grants:** Free money (does not require repayment). Usually based on financial need.

<https://studentaid.ed.gov/sa/types/grants-scholarships>

**Scholarships:** Free money (does not require repayment). Vary greatly in applicant requirements and award amount. <https://studentaid.ed.gov/sa/types/grants-scholarships>

**Loans:** Borrowed money from the government or private institutions. Does require repayment and loans accrue interest. Encourage limited use of loans if possible. <https://studentaid.ed.gov/sa/types/loans>

**Work-Study:** Qualified students may work part-time on/off campus to earn money toward college expenses.

<https://studentaid.ed.gov/sa/types/work-study>

**Federal Student Aid:** The office of Federal Student Aid provides grants, loans, and work-study funds for college or career school. Learn about types of aid available and how to apply. <https://studentaid.ed.gov/sa/>

**FAFSA:** Completing the Free Application for Federal Student Aid (FAFSA) is the first step toward getting federal aid for college, career school, or graduate school. <https://fafsa.ed.gov/>

### **Grants**

**Cal Grant:** Awarded through the state of California, based on financial need. New legislation requires ALL students to either submit their approval for automatic submission through YHS **or** opt out of submission.

<http://www.csac.ca.gov/>

**Federal Pell Grant:** Awarded from federal government. Based on financial need.

<https://studentaid.ed.gov/sa/types/grants-scholarships/pell>

## Researching Post-Secondary Options

**Community College Search:** California Community Colleges Chancellor's Office. <http://www.cccco.edu/>

**ASSIST:** An online student-transfer information system that shows how course credits earned at one public California college or University can be applied when transferred to another. ASSIST is the official repository of articulation for California's public colleges and universities and provides the most accurate and up-to-date information about student transfer in California. <https://assist.org/>

**Big Future:** College search engine. Quickly perform a college search by major, location, type of college, financial aid, etc. <https://bigfuture.collegeboard.org/>

**California Career Cafe:** Virtual career center for California Community College students. Explore career pathways. View virtual lessons. Plan for your next steps. <http://www.cacareercafe.com/>

## Yucaipa-Calimesa Joint Unified School District and University Partnerships

Yucaipa-Calimesa Joint Unified School District has partnered with the colleges and universities below to provide additional opportunities for Yucaipa High School students. The admissions agreements with the following colleges and universities provide the following: application fee waivers, priority admission, and scholarships. As each college/university admissions agreement is different, click this link [YCUJUSD College Partners](#) for more information.



# My Academic Planner

## Yucaipa High School Graduation Requirements

English	History	Mathematics	Science	Physical Education	Visual Arts/ Performing Arts OR Foreign Language	Electives
40 credits	30 credits	30 credits	20 credits	20 credits	10 credits	75 credits
English 9, 10, 11, 12	Mod World History, US History, Government/Econ	3 Years Required	Life Science & Physical Science	2 Years Required	1 Year Visual Arts/ Performing Arts OR Foreign Language.	

## NCAA Eligibility Requirements

for college bound athletes can be found at [www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org)

## Standardized College Tests

These tests may be required for students planning to attend a 4-year College/University immediately following high school.

TEST	When you should take the test ...
PSAT	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>
SAT Reasoning	Spring of 11 <sup>th</sup> , Fall of 12 <sup>th</sup>
SAT Subjects	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
ACT Plus Writing	Spring of 11 <sup>th</sup> , Fall of 12 <sup>th</sup>
Advanced Placement (AP)	Spring of year course was taken

	9 <sup>th</sup> Grade minimum of 6 classes	10 <sup>th</sup> Grade minimum of 6 classes
<b>English</b>	English 9 <input type="checkbox"/> Honors	English 10 <input type="checkbox"/> Honors
<b>History</b>	Freshman Seminar	Mod World History <input type="checkbox"/> AP Euro Hist
<b>Mathematics</b>		
<b>Science</b>		
<b>Physical Education</b>	PE 1	PE 2
<b>Elective</b> (Fine Art, Foreign Language, etc.)		

	11 <sup>th</sup> Grade minimum of 6 classes	12 <sup>th</sup> Grade minimum of 5 classes
<b>English</b>	English 11 <input type="checkbox"/> AP	English 12/ERWC <input type="checkbox"/> AP
<b>History</b>	United States History <input type="checkbox"/> AP	Government/Economics <input type="checkbox"/> AP
<b>Mathematics</b>		
<b>Science</b>		
<b>Physical Education/Elective</b>		

<b>Elective</b> (Fine Art, Foreign Language, etc.)		
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Subject Area	Course ID	Course title	Course Description
<b>A - English</b>			
A	0261	AP Eng Lang/Co	<p>A.P. English Language and Composition (weighted) Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 10 or English 10 Honors</p> <p>A.P. English Language and Composition includes preparation for the A.P. test. A.P. English Language and Composition prepares students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. It also prepares students to read complex literature selected primarily from American selections with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers.</p> <p>This course includes required summer reading.</p>
A	0281	AP Eng Lit/Comp	<p>A.P. English Literature and Composition (weighted) Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 11 or AP English Language and Composition</p> <p>This class has the most demanding reading and writing requirements of the senior English courses and is focused primarily on analysis of classic literary texts. Students who take this class must be prepared for extensive writing practice, as well as consistent daily participation in discussions and group work. Completion of AP English 11 is not required for entrance into AP English 12 (though it is helpful). If you obtained an "A" in your regular English 11 class, you may be a good candidate for AP English 12. Successful completion of AP Literature also holds the potential for the student to waive the EPT (English Placement Test). Successful completion of the AP exam in the spring can result in receiving college credit at select universities.</p> <p>This course includes required summer reading.</p>
A	0200	ELD I	<p>ELD 1 - Academic English 1 Grade Level: 9-12 Meets UC/CSU A-G requirements (G) Prerequisites: None</p> <p>This course is designed for English Learners at the earliest stages of English Language Development and newcomer English Learners with first time US School experience. This course will provide students with Designated English Language Development and Integrated English Language Development using the CA ELD Standards and CA CCSS ELA standards appropriate to the grade level of the student.</p> <p>Students in this course will access grade-level standards and Lexile appropriate texts in order to build their academic language proficiency and meet grade-level standards. Students will begin to develop academic English language skills in order to transition to core classes. Students will be placed in this course based on their overall ELPAC Score of 1 or 2, Reading Inventory score of Below Basic, and a STAR Assessment score of Urgent Intervention.</p>
A	0201	ELD II	<p>ELD II - English Intensive Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Students in this course participate in Designated ELD instruction guided by the California English Language Development Standards as well as Integrated instruction using the ELA CCSS. Students in this course will access grade-level curriculum and Lexile appropriate texts in order to build their academic language proficiency and meet grade-level standards. Students will refine their skills for pre-writing, composing a draft, and editing a draft using a process writing format as specified by the curriculum adopted. Students will publish formal pieces of writing scored by grade-level standards-based rubrics. Students will read informational texts and perform exercises designed to deepen reading comprehension. Students will also continue to engage in more lengthy and sustained speaking and listening exercises to build on their foundational knowledge of English and establish fluency.</p>

A	0203	ALD	<p>ALD Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Students in this course participate in Designated ELD instruction guided by the California English Language Development Standards as well as Integrated instruction using the ELA CCSS. Students in this course will access grade-level curriculum and texts in order to build their academic language proficiency and meet grade-level standards. Students will begin to engage in more lengthy and sustained speaking and listening exercises designed to strengthen academic vocabulary and speech. Students will refine their skills for pre-writing, composing a draft, and editing a draft using a process writing format as specified by the curriculum adopted. Students will publish formal pieces of writing scored by grade-level standards-based rubrics. Students will develop necessary academic English language skills in order to transition to core classes.</p>
A	E0261	ENG AP Eng Lang	<p>ENG A.P. English Language and Composition (weighted) Engineering Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 10 or Honors English 10.</p> <p>A.P. English Language and Composition includes preparation for the A.P. test. A.P. English Language and Composition prepares students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. It also prepares students to read complex literature selected primarily from American selections with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers.</p> <p>This course includes required summer reading.</p>
A	E0227	ENG Eng 12 ERWC	<p>ENG English 12 Expository Reading and Writing Engineering Academy cohort Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>ERWC focuses on the types of writing done in community colleges and Cal State most four-year universities. Reading selections are generally non-fiction, and class time is spent on both the reading and writing processes.</p> <p>The focus of the class emphasizes expository reading and writing; reading selections are taken from various non-fiction sources (magazine, editorial, memoir, etc.); the student will participate in the production of expository, argumentative, and autobiographical essays. Students taking this course will enter college freshmen English courses with effective writing skills and a clear understanding of the writing process. Successful completion of the ERWC also holds the potential for the student to waive the EPT (English Placement Test).</p>
A	E0231	ENG English 10H	<p>ENG Honors English 10 (weighted) Engineering Academy cohort Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 9 or Honors English 9.</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Students read classic literature, new world literature, visual and nonfiction texts and learn how to critically respond to its universal themes through in-depth speaking and writing. Language and mechanics prepare students for college writing. This course also includes required summer reading.</p>
A	E0250	ENG English 11	<p>ENG English 11 Engineering Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all juniors. Students continue to develop skills in analyzing and interpreting primarily American literature, in developing composition skills, in reading to ascertain information in grammar and usage related to formal composition, and in practicing speaking and listening abilities.</p>

A	E0222	ENG English 9 H	<p>ENG Honors English 9 (weighted) Engineering Academy cohort Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites: Prerequisites: "C" or higher in English 8 or Honors Eng. 8</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors English is often attained by a student who is a self-motivator, who is disciplined in his/her studies, and is willing to accept responsibility for reaching his/her maximum potential academically. Course content includes the in-depth exploration of both classic and contemporary literature and vocabulary. Learning to critically respond to a course curriculum both orally and in writing is a key component. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade English teacher prior to registering for this class.</p> <p>This course also includes required summer reading.</p>
A	0227	Eng12 ERWC	<p>English 12 Expository Reading and Writing Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>ERWC focuses on the types of writing done in community colleges and Cal State most four-year universities. Reading selections are generally non-fiction, and class time is spent on both the reading and writing processes.</p> <p>The focus of the class emphasizes expository reading and writing; reading selections are taken from various non-fiction sources (magazine, editorial, memoir, etc.); the student will participate in the production of expository, argumentative, and autobiographical essays. Students taking this course will enter college freshmen English courses with effective writing skills and a clear understanding of the writing process. Successful completion of the ERWC also holds the potential for the student to waive the EPT (English Placement Test).</p>
A	0230	English 10	<p>English 10 Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all sophomores. Students gain skill in analyzing and interpreting literature, in developing composition skills including a modified research paper, in reading to draw information from non-fiction sources, in practicing speaking and listening abilities, and in investigating career goals. Grammar and basic usage skills are studied.</p>
A	0163	English 10 Eng	<p>English 10 Engineering Engineering Academy Cohort Grade 10 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Engineering English 10 is a college preparatory course that relies on Common Core State Standards and the CA Framework for English-Language Arts, Grade 10. This course allows students to fulfill their English course requirements, whether they are pursuing a career pathway in engineering or want to explore how engineering works in the real world. Engineering English 10 offers project-based learning experiences in support of the Principles of Engineering course, a hands-on learning environment that teaches students about real world engineering and technology.</p> <p>This course is intended to increase students' prior knowledge of engineering careers through the integration of reading, writing, collaboration, and communication skills. Students will be introduced to various aspects of an engineering student's post-secondary education and an engineer's workplace through inquiry-based learning, research, and through the reading of mentor texts. Themes such as renewable energy, truss design, robotics, and ballistics and the effect on society are a focus in Engineering English 10. Through these themes, students will gain awareness of engineering tasks by approaching problems critically and finding creative solutions within collaborative groups. Writing tasks include technical writing engineers typically produce, such as project proposals and progress reports. Speaking tasks include technology-based visual presentations and panel discussions, while academic vocabulary and word studies cover key terms for specific engineering.</p>
A	0236	English 10 H	<p>Honors English 10 (weighted) Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 9 or Honors Eng. 9.</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Students read classic literature, new world literature, visual and nonfiction texts and learn how to critically respond to its universal themes through in-depth speaking and writing. Language and mechanics prepare students for college writing.</p> <p>This course also includes required summer reading.</p>

A	0237	English 10 Law	<p>English 10: Awareness and Ethics in Law and Public Safety LPS Academy cohort Grade Level: 10 Meets UC/CSU A-G requirements Co-requisite: Law and Public Safety Academy</p> <p>English 10: Awareness and Ethics in Law and Public Safety is a college preparatory grade 10 English course integrated with the CTE Public Services Standards and is intended to increase and deepen the knowledge for English-Language Arts through the lens of a potential applicant in the law and public safety field. Through the integration of reading, writing, collaboration, and speaking students will research and gain awareness of the complex nature of law and public safety professions in order to be prepared to enter their chosen field through practice of real-world application.</p>
A	0250	English 11	<p>English 11 Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all juniors. Students continue to develop skills in analyzing and interpreting primarily American literature, in developing composition skills, in reading to ascertain information in grammar and usage related to formal composition, and in practicing speaking and listening abilities.</p>
A	0270	English 12	<p>English 12 Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This class utilizes both non-fiction and fiction texts, drama, poetry, short stories, and essays. Papers are varied, including autobiographical writing, literary analysis, and argumentation. Students taking this course will be exposed to a survey of the most influential works of British literature through the centuries, as well as various texts from other countries and genres. Vocabulary development and grammar skills are explored in order to refine and sharpen the student's command of language. Students taking this course will receive a well-rounded examination of the great works of English literature as well as rigorous practice in the art of effective paper writing.</p>
A	0210	English 9	<p>English 9 Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all freshmen. Students analyze, compare, and contrast issues found in various pieces of literature by numerous authors. They learn how to improve their writing skills through various literacy assignments such as reaction papers, reflective essays, and personal narrative.</p>
A	0162	English 9 Eng	<p>English 9 Engineering Engineering Academy cohort Grade Level: 9 Meets UC/CSU and NCAA requirements Prerequisites: None</p> <p>English 9: Engineering is a college preparatory grade 9 English course intended to increase and deepen the knowledge of English-Language Arts by introducing students to the fields involved in engineering. Through the integration of reading, writing, collaboration, and speaking, students will be introduced to various aspects of careers in the engineering fields. Through research and guided practice, students will gain awareness not only of the careers in engineering they have interest in, but also how to approach problems with a critical mind. This course is designed as a support to Introduction to Engineering Design in which students learn the fundamentals of 3-D design and production. The three themes that Introduction to Engineering Design addresses -- design process, reverse engineering, and collaboration -- are a focus in English 9: Engineering in order to extend student understanding and application of the core concepts required in the field.</p> <p>Each of the themes outlined below are addressed throughout the school year to allow students to develop a comprehensive understanding of how elements work together to create a product or to lead to new learning. Seeing the familiar aspects of English broken apart and reassembled builds a connection to the foundations of engineering and in turn leads to more productive critical thinking and problem solving in a multitude of situations.</p>

A	0235	English 9 H	<p>Honors English 9 (weighted) Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 8 or Honors Eng. 8</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors English is often attained by a student who is a self-motivator, who is disciplined in his/her studies, and is willing to accept responsibility for reaching his/her maximum potential academically. Course content includes the in-depth exploration of both classic and contemporary literature and vocabulary. Learning to critically respond to a course curriculum both orally and in writing is a key component. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade English teacher prior to registering for this class.</p> <p>This course also includes required summer reading.</p>
A	0243	English 9 Law	<p>English 9: Intro to Fields in Law and Public Safety LPS Academy cohort Grade Level: 9 Meets UC/CSU A-G Co-requisite: Law and Public Safety Academy</p> <p>English 9: Intro to Fields in Law and Public Safety is a college preparatory grade 9 English course integrated with the CTE Public Services Standards and is intended to increase and deepen the knowledge for English-Language Arts by introducing students to the fields involved in Law and Public Safety. Through the integration of reading, writing, collaboration, and speaking, students will be introduced to various aspects of careers in the law and public safety fields. Through research and guided practice, students will gain awareness not only of the careers in law and public safety they have interest in, but also safety aspects of their community.</p>
A	H0261	HBS AP Eng Lang	<p>HBS A.P. English Language and Composition (weighted) HBS Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 10 or Honors English 10</p> <p>A.P. English Language and Composition includes preparation for the A.P. test. A.P. English Language and Composition prepares students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. It also prepares students to read complex literature selected primarily from American selections with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course includes required summer reading.</p>
A	H0227	HBS Eng12 ERWC	<p>HBS English 12 Expository Reading and Writing HBS Academy cohort Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>ERWC focuses on the types of writing done in community colleges and Cal State most four-year universities. Reading selections are generally non-fiction, and class time is spent on both the reading and writing processes.</p> <p>The focus of the class emphasizes expository reading and writing; reading selections are taken from various non-fiction sources (magazine, editorial, memoir, etc.); the student will participate in the production of expository, argumentative, and autobiographical essays. Students taking this course will enter college freshmen English courses with effective writing skills and a clear understanding of the writing process. Successful completion of the ERWC also holds the potential for the student to waive the EPT (English Placement Test).</p>
A	H0230	HBS English 10	<p>HBS English 10 HBS Academy cohort Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all sophomores. Students gain skill in analyzing and interpreting literature, in developing composition skills including a modified research paper, in reading to draw information from non-fiction sources, in practicing speaking and listening abilities, and in investigating career goals. Grammar and basic usage skills are studied.</p>

A	H0231	HBS English 10H	<p>HBS Honors English 10 (weighted)  HBS Academy cohort  Grade Level: 10  Meets UC/CSU A-G and NCAA requirements  Prerequisites: "C" or higher in English 9 or Honors Eng. 9</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Students read classic literature, new world literature, visual and nonfiction texts and learn how to critically respond to its universal themes through in-depth speaking and writing. Language and mechanics prepare students for college writing.</p> <p>This course also includes required summer reading.</p>
A	H0250	HBS English 11	<p>HBS English 11  HBS Academy cohort  Grade Level: 11  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>This course is required of all juniors. Students continue to develop skills in analyzing and interpreting primarily American literature, in developing composition skills, in reading to ascertain information in grammar and usage related to formal composition, and in practicing speaking and listening abilities.</p>
A	H0210	HBS English 9	<p>HBS English 9  HBS Academy cohort  Grade Level: 9  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>This course is required of all freshmen. Students analyze, compare, and contrast issues found in various pieces of literature by numerous authors. They learn how to improve their writing skills through various literacy assignments such as reaction papers, reflective essays, and personal narrative.</p>
A	H0222	HBS English 9 H	<p>HBS Honors English 9 (weighted)  HBS Academy cohort  Grade Level: 9  Meets UC/CSU A-G and NCAA requirements  Prerequisites: "C" or higher in English 8 or Honors Eng. 8</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors English is often attained by a student who is a self-motivator, who is disciplined in his/her studies, and is willing to accept responsibility for reaching his/her maximum potential academically. Course content includes the in-depth exploration of both classic and contemporary literature and vocabulary. Learning to critically respond to a course curriculum both orally and in writing is a key component. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade English teacher prior to registering for this class.</p> <p>This course also includes required summer reading.</p>
A	L0227	LPS Eng 12 ERWC	<p>LPS English 12 Expository Reading and Writing  LPS Academy cohort  Grade Level: 12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>ERWC focuses on the types of writing done in community colleges and Cal State most four-year universities. Reading selections are generally non-fiction, and class time is spent on both the reading and writing processes.</p> <p>The focus of the class emphasizes expository reading and writing; reading selections are taken from various non-fiction sources (magazine, editorial, memoir, etc.); the student will participate in the production of expository, argumentative, and autobiographical essays. Students taking this course will enter college freshmen English courses with effective writing skills and a clear understanding of the writing process. Successful completion of the ERWC also holds the potential for the student to waive the EPT (English Placement Test).</p>
A	L0231	LPS English 10H	<p>LPS Honors English 10 (weighted)  LPS Academy cohort  Grade Level: 10  Meets UC/CSU A-G and NCAA requirements  Prerequisites: "C" or higher in English 9 or Honors Eng. 9</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Students read classic literature, new world literature, visual and nonfiction texts and learn how to critically respond to its universal themes through in-depth speaking and writing. Language and mechanics prepare students for college writing. This course also includes required summer reading.</p>

A	L0250	LPS English 11	<p>LPS English 11 LPS Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all juniors. Students continue to develop skills in analyzing and interpreting primarily American literature, in developing composition skills, in reading to ascertain information in grammar and usage related to formal composition, and in practicing speaking and listening abilities.</p>
A	L0222	LPS English 9 H	<p>LPS Honors English 9 (weighted) LPS Academy cohort Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or higher in English 8 or Honors Eng. 8</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors English is often attained by a student who is a self-motivator, who is disciplined in his/her studies, and is willing to accept responsibility for reaching his/her maximum potential academically. Course content includes the in-depth exploration of both classic and contemporary literature and vocabulary. Learning to critically respond to a course curriculum both orally and in writing is a key component. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade English teacher prior to registering for this class.</p> <p>This course also includes required summer reading.</p>

## B - History

B	0630	Am Government	<p>American Government Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>American Government (one semester)</p> <p>In American Government students pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments with particular attention paid to important historical documents such as the Federalist Papers. This course represents the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.</p>
B	0624	AP European His	<p>A.P. Modern European History (weighted) Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: A grade of "A" or "B" in Honors English 9 or a grade of "A" in English 9, or consent of the instructor, or teacher recommendation.</p> <p>The Advanced Placement (A.P.) course is designed at each level to be an accelerated curriculum, which parallels the regular offering. It is designed for the student who is college-bound and would like to challenge freshman college requirements through an examination process. The A.P. course is similar to Modern World History; however, the material is more rigorous and goes into greater detail, and the emphasis is on information necessary for the students to take the A.P. European History exam. This course is specifically designed for college-bound students who enjoy reading and writing, and who have scored above proficiency levels on the Social Studies portion of the California Content Standards. Students who enroll in this class should expect a significant increase in homework, writing, and analytical reading assignments compared to the regular Modern World History course. This course fulfills the Modern World History requirement.</p>
B	0627	AP Gov&Politics	<p>A.P. United States Government/Politics (weighted) Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: An "A" or "B" in A.P. U.S. History and A.P. English or an "A" in U.S. History and English 11, or consent of the instructor and a teacher recommendation.</p> <p>Advanced Placement United States Government and Politics (five credits) is designed to be a challenging course equivalent in difficulty and scope to a lower division college offering. A.P. Government and Politics helps prepare a student to score well on the College Board A.P. exams in May. Extensive readings are the norm and analytical writing is emphasized. The rigorous curriculum allows a passing grade to be weighted.</p> <p>This course includes the in-depth study of Constitutional underpinnings, civil liberties and civil rights, political beliefs and behaviors, political parties, interest groups, mass media, the institutions of national government, and the making of public policy.</p>

B	0628	AP Macroecon	<p>A.P. Macroeconomics (weighted) Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: An "A" or "B" in A.P. U.S. History and A.P. English or an "A" in U.S. History and English 11, or consent of the instructor and a teacher recommendation. Advanced Placement Macroeconomics (five credits) is a challenging course equivalent in difficulty and scope to a lower division college economics offering.</p> <p>A.P. Macroeconomics helps prepare a student to score well on the College Board A.P. exams in May. It has a rigorous curriculum which allows a passing grade to be weighted. A.P. Macroeconomics studies the economy as a whole. The major units of study include basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and international trade and finance.</p>
B	0623	AP USH	<p>A.P. United States History (weighted) Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: A grade of 'A' or 'B' in Honors English 10 or a grade of 'A' in English 10 and Modern World History, consent of instructor, or teacher recommendation.</p> <p>A.P. U.S. History covers the Discovery Period to the present. This course is designed to develop knowledge and appreciation of our country's heritage. The content is broader chronologically than the U.S. History course and goes into greater depth in each unit. This course is designed to emphasize and strengthen the skills in analysis and writing necessary to earn college credit by challenging the freshman level college course through an exam process. This course is specifically designed for college-bound students who enjoy reading and writing and who have scored above proficiency levels on the Social Studies portion of the California Content Standards. Students who enroll in this class should expect a significant increase in homework, writing, and analytical reading assignments compared to the regular U.S. History course. This course meets the U.S. History requirement for high school graduation.</p>
B	0631	Economics	<p>Economics Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>In Economics students master fundamental economic concepts and apply tools such as graphs, statistics, and equations from other subject areas to the understanding of operations and institutions of economic systems. Studies in an historic context are the basic economic principles of microeconomics and macroeconomics, international economics, comparative economic systems, measurement, and methods.</p>
B	E0630	ENG Am Govt	<p>ENG American Government Engineering Academy cohort Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>American Government (one semester)</p> <p>In American Government students pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments with particular attention paid to important historical documents such as the Federalist Papers. This course represents the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.</p>
B	E0631	ENG Economics	<p>ENG Economics Engineering Academy cohort Grade Level: 12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>In Economics students master fundamental economic concepts and apply tools such as graphs, statistics, and equations from other subject areas to the understanding of operations and institutions of economic systems. Studies in an historic context are the basic economic principles of microeconomics and macroeconomics, international economics, comparative economic systems, measurement, and methods.</p>

B	H0623	HBS AP USH	<p>HBS A.P. United States History (weighted)  HBS Academy cohort  Grade Level: 11  Meets UC/CSU A-G and NCAA requirements  Prerequisites: A grade of 'A' or 'B' in Honors English 10 or a grade of 'A' in English 10 and Modern World History, consent of instructor, or teacher recommendation.</p> <p>A.P. U.S. History covers the Discovery Period to the present. This course is designed to develop knowledge and appreciation of our country's heritage. The content is broader chronologically than the U.S. History course and goes into greater depth in each unit. This course is designed to emphasize and strengthen the skills in analysis and writing necessary to earn college credit by challenging the freshman level college course through an exam process. This course is specifically designed for college-bound students who enjoy reading and writing and who have scored above proficiency levels on the Social Studies portion of the California Content Standards. Students who enroll in this class should expect a significant increase in homework, writing, and analytical reading assignments compared to the regular U.S. History course. This course meets the U.S. History requirement for high school graduation.</p>
B	L0630	LPS Am Govt	<p>LPS American Government  LPS Academy cohort  Grade Level: 12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>American Government (one semester)</p> <p>In American Government students pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments with particular attention paid to important historical documents such as the Federalist Papers. This course represents the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.</p>
B	L0631	LPS Economics	<p>LPS Economics  LPS Academy cohort  Grade Level: 12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>In Economics students master fundamental economic concepts and apply tools such as graphs, statistics, and equations from other subject areas to the understanding of operations and institutions of economic systems. Studies in an historic context are the basic economic principles of microeconomics and macroeconomics, international economics, comparative economic systems, measurement, and methods.</p>
B	L0619	LPS ModWrldHist	<p>LPS Modern World History  LPS Academy cohort  Grade Level: 10  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas from their ancient foundations and develop an understanding of the historical roots of current world issues (reaching back into the European Middle Ages and Renaissance), especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographical, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.</p> <p>This course fulfills the Modern World History requirement.</p>

B	L0620	LPS US History	<p>LPS United States History LPS Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>Students in grade eleven study the major turning points in American history in the twentieth century. Following a review of the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth-grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy including the social and cultural effects. They trace the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes to historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the result of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U.S. Constitution are a precious inheritance that depends on an educated citizenry for their preservation and protection (California Department of Education). This course meets the U.S. History requirement for high school graduation.</p>
B	0619	Mod World Hist	<p>Modern World History Grade Level: 10 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas from their ancient foundations and develop an understanding of the historical roots of current world issues (reaching back into the European Middle Ages and Renaissance), especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographical, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.</p> <p>This course fulfills the Modern World History requirement.</p>
B	0620	US History	<p>United States History Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>Students in grade eleven study the major turning points in American history in the twentieth century. Following a review of the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth-grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy including the social and cultural effects. They trace the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes to historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the result of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U.S. Constitution are a precious inheritance that depends on an educated citizenry for their preservation and protection (California Department of Education). This course meets the U.S. History requirement for high school graduation.</p>
B	1371	USHistPubHealth	<p>U.S. History and Public Health HBS Academy cohort Grade Level: 11 Meets UC/CSU A-G and NCAA requirements Co-requisites: Health and Biomedical Sciences Academy</p> <p>The purpose of U.S. History and Public Health is to analyze the significant periods of U.S. history while building and establishing a foundation of practical knowledge in healthcare applications. Students will study thematic events in history as a pathway to understand the context and scope of public health on both the individual level and within the public sector. Students will analyze the cause and effect relationship between events throughout U.S. history, and the country's approach to health and medical care. Examples include the Great Depression and how the U.S. government changed policies to improve the health of the citizens as well as the impact of the Civil and World Wars and how battlefield medicine improved health care of the citizens. Students will use their analysis of the integrated curriculum that includes traditional texts, primary source health and history documents, as well as public sources to demonstrate their skills and knowledge in U.S. history through the lens of healthcare. On completion of the course, students will be completing their eleventh grade U.S. history requirement while being prepared for the advanced health course in their CTE Health Care pathway.</p>

## C - Mathematics

C	0396	AP Calculus AB	<p>A.P. Calculus AB (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Trigonometry or Pre-Calculus</p> <p>The content of A.P. Calculus AB includes limits and differential calculus topics typically covered in a first quarter university calculus course. A.P. Calculus AB covers integral calculus topics typically covered during part of a second quarter university calculus course. Concepts of slopes of curve, velocity, acceleration, area, volumes of revolution, related rates of change, maxima-minima, and differential equations are included. Upon successful completion of the Advanced Placement Examination, students may receive one semester or quarter of college and/or course credit for college calculus and one semester or quarter of elective course credit.</p>
C	0398	AP Calculus BC	<p>A.P. Calculus BC (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Pre-Calculus or AP Calculus AB</p> <p>A.P. Calculus BC provides a comprehensive coverage of differentiation and integration of algebraic, trigonometric, logarithmic, and exponential functions. Concepts of slopes of curve, velocity, acceleration, area, volumes of revolution, related rates of change, maxima-minima, and differential equations are included. Upon successful completion of the Advanced Placement Examination, students may receive one semester or of college and/or course credit for college calculus and one semester or quarter of elective course credit.</p>
C	0417	AP Statistics	<p>A.P. Statistics (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 3 or higher</p> <p>A.P. Statistics is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. A.P. Statistics may be taken anytime in the math sequence after Algebra 2. Students are encouraged to take it concurrently with Trigonometry or Calculus AB. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns in advance, and statistical inference. Students who successfully complete the course and the A.P. exam may receive college credit and/or course credit for a one-semester introductory college statistics course.</p>
C	E0386	ENG Math 1	<p>ENG Mathematics 1 Engineering Academy cohort Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 8</p> <p>The fundamental purpose of the Mathematics 1 course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. The scope of Mathematics 1 is limited to linear and exponential expressions and functions as well as some work with absolute value, step, and functions are piecewise-defined.</p>
C	E0387	ENG Math 2	<p>ENG Math 2 Engineering Academy cohort Grade Level: 10-12 Meets UC/CSU A-G and NCAA Requirements Prerequisites: Successful completion of Math 1 or Math 1A and Math 1B</p> <p>Mathematics 2 is the second course of a three-course integrated sequence as described in the CCSSM. As per the CCSSM, the overall focus of the course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics 1 as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, will round out the course.</p>

C	9095	Math 095	<p>Math 095 Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>Math 095 is the third course of a three-course integrated sequence as described in the CCSSM. This course is designed to include Mathematics 3 standards as part of the Integrated Math Series. Math 095 has three critical areas of focus. (1) To build on standards from Mathematics 2 to include experience with algebraic manipulations, allow students to formulate simple linear, fractional, and factorable quadratic models and find their solutions. Students will be expected to improve their ability to read and write in the language of mathematics. Experience with exponents is provided to prepare students for algebra of exponents, will build on standards learned in Mathematics 2, and will strengthen connections between algebraic models and geometry represented by their graphs. Students will connect the standards from previous courses by building on old concepts and applying the information to performance tasks or modeling situations for Mathematics 3 standards. (2) To develop students ability to be successful in subsequent transferable mathematics courses through the study of rational exponents and radicals; quadratic, absolute value, rational and radical equations; complex numbers; absolute value inequalities; operations with functions; introduction to exponential and logarithmic functions; and the graphs of basic functions and their translations. (3) Students will see how the visual displays and summary statistics they learned in earlier grades relate to different types of data and to probability distributions. They identify different ways of collecting data—including sample surveys, experiments, and simulations—and the role that randomness and careful design play in the conclusions that can be drawn. This focus is intended to review previously learned statistics concepts and make connections to other math disciplines through modeling and application opportunities.</p>
C	0386	Math 1	<p>Mathematics 1 Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 8</p> <p>The fundamental purpose of the Mathematics 1 course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. The scope of Mathematics 1 is limited to linear and exponential expressions and functions as well as some work with absolute value, step, and functions are piecewise-defined.</p>
C	0361	Math 1 A	<p>Math 1A Grade Level: 9-10 Meets UC/CSU A-G and NCAA requirements when taken with Math 1B Prerequisites: None</p> <p>Math 1A-B are courses designed to build student math skills while engaging students in the Common Core Mathematics Standards. Students will further explore the mathematical practices and receive an in depth, rigorous understanding of the new math standards. Students will take Math 1A followed by Math 1B, Math 2A, and Math 2B. Common Core skills from the middle grades, as well as, Mathematics 1. Math1A-B has built in RTI so students can complete integrated projects, receive additional math support, and collaborate with their peers.</p>
C	0387	Math 2	<p>Math 2 Grade Levels: 10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Earned a “C” or higher in Math 1</p> <p>Mathematics 2 is the second course of a three-course integrated sequence as described in the CCSSM. As per the CCSSM, the overall focus of the course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics 1 as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, will round out the course.</p>
C	0363	Math 2 A	<p>Math 2A Grade Levels: 10-12 Meets UC/CSU A-G and NCAA requirements when taken with Math 2B Prerequisites: Completion of Math 1 with a “D”</p> <p>Math 2A is a course designed to build student math skills while engaging students in the Common Core Mathematics Standards. Students will further explore the mathematical practices and receive an in depth, rigorous understanding of the new math standards. Students will take Math 2A followed by Math 2B, Math 3. Common Core skills from Mathematics 1 and Mathematics 2. Math2A-B has built in RTI so students can complete integrated projects, receive additional math support, and collaborate with their peers.</p>

C	0681	Math 2 H	<p>Math 2H Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 1 in 8th grade Honors</p> <p>Mathematics 2 is the second course of a three-course integrated sequence as described in the CCSSM. As per the CCSSM, the overall focus of the course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics 1 as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, will round out the course. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Students expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.</p>
C	0388	Math 3	<p>Math 3 Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 2 with a "C-" or better</p> <p>Mathematics 3 is the third course of a three-course integrated sequence as described in the CCSSM. It is in Mathematics 3 that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Students expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. In Math 3 students continue their progression to apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Students expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.</p>
C	0682	Math 3 H	<p>Math 3 Honors Grade Level: 10-11 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 2 Honors</p> <p>Honors Mathematics 3 is the third course of a three-course integrated sequence as described in the CCSSM. It is in Honors Mathematics 3 that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Students expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.</p>
C	0420	Personal Finance	<p>Personal Finance Grade Level: 12 Meets UC/CSU A-G requirements Prerequisites: Math 1</p> <p>Personal Finance is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Advanced Algebra, Statistics, Probability, and Pre-calculus: "Saving and Budgeting", "Credit and Debt", "Financial Planning and Insurance", and "Income, Taxes and Giving". The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The mathematics topics contained in this course are introduced, developed, and applied in an as-needed format in the financial settings covered. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, and verbal representations. It provides students a motivating, young-adult centered financial context for understanding and applying the mathematics they are guaranteed to use in the future, and is aligned with the recommendations of the Common Core State Standards.</p>

C	0414	Pre-Cal H	<p>Pre-Calculus Honors (weighted) Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Trigonometry or Math 3H</p> <p>Pre-calculus prepares students for calculus the same way pre-algebra prepares students for algebra. Pre-calculus explores topics that will be applied in calculus. Pre-calculus will cover two specific areas, math analysis and trigonometry. Our Pre-calculus course completes about 98% of our Trig course during the first semester of the school year. The second semester of the course will cover the remainder of the Trig course, math analysis and the beginnings of our Calculus AB course. Students will end this course where they need to be in order to start Calculus BC.</p>
C	0392	Statistics	<p>Statistics Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Math 3</p> <p>The purpose of this course is to expose students to the collection, organization, and analysis of data. Statistical methods of collecting data through experiments or observational studies are discussed. The data is organized in graphs for meaningful interpretation. Probability theory in the context of hypothesis testing is introduced. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference.</p>
C	0440	Trig/Math Analy	<p>Trigonometry/Math Analysis Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Successful completion of Math 3</p> <p>The first semester of this course is based on the Math Analysis standards, which provides an in-depth study of core Algebra 2 standards including polynomial and rational functions, complex numbers, logarithmic functions, and some other advanced algebraic topics. The second semester of this course focuses on the trigonometry standards, which includes analytic geometry, theory of equations, and the use of trigonometric identities. Overall, this is a rigorous, college prep course intended to prepare students for A.P. Calculus.</p>

## D - Physical Science

D	0587	AP Chemistry	<p>A.P. Chemistry (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Completion of Chemistry with a "C" or better (per College Board guidelines). Completion of Math 2 with "C" or better is also required, as is concurrent enrollment in Math 3 or higher.</p> <p>A.P. Chemistry is taught as a continuous sequence, with subject matter being presented in a format consistent with a college level course with California Science Standards for Chemistry inserted as appropriate. Pace and subject matter reflect the higher standards of the College Board.</p> <p>Chemistry is the study of the behavior and interactions of matter. College Board approved labs will complement curriculum throughout the A.P. sequence. Subjects covered include: The Structure of Matter (Atomic Theory, Bonding and Nuclear Chemistry), States of Matter (Gases, Solids and Liquids, Solutions), Reactions (Acid/Base, Precipitations, Oxidation/Reduction, Stoichiometry, Equilibrium, Kinetics and Thermodynamics) and Descriptive Chemistry. This class is recommended for students interested in pursuing pure science at the university level.</p>
D	1237	AP Physics 1	<p>A.P. Physics 1 (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Completion of Algebra 2/Math 3 with a grade of "C" or better. Chemistry is recommended, but not required. Co-requisite: Concurrent enrollment in Trigonometry is a minimum, completion is recommended but not required.</p> <p>AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics, work, energy and power; mechanical waves and sound; and introductory, simple circuits.</p>

D	0158	AP Physics 2	<p>A.P. Physics 2 (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Completion of Algebra 2/Math 3 with a grade of "C" or better. Chemistry is recommended, but not required. Co-requisite: Concurrent enrollment in Trigonometry is a minimum, completion is recommended but not required.</p> <p>AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.</p>
D	0585	Chemistry	<p>Chemistry Grade Level: 10-12 Meets UC/CSU A-G, NCAA requirements and is NGSS aligned Prerequisites: Completion of Biology and Math 1 with a grade of C or better and concurrent enrollment in Math 2 or higher (2A or 2B is not ideal).</p> <p>Chemistry is a tenth or eleventh grade core requirement course in science and fulfills the physical science graduation requirement. This course examines the concepts of the properties and conversions of matter and energy. Major emphasis is inquiry-based instruction, including laboratory work, and learning of the core aspects of California NGSS Chemistry/Earth integrated standards. The themes explored are Combustion, Atoms/Elements and Compounds, Bonding and Reactions, Heat and Thermodynamics, Climate Change, and Ocean Acidification.</p>
D	0685	Chemistry Hon	<p>Chemistry Honors Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: Completion of Biology, Math 1 with a grade of 'B' or better and concurrent enrollment in Math 2 or higher. This class is the suggested recommendation for students considering future careers/university in fields of science, or AP level science electives.</p> <p>This course examines the concepts of the properties and conversions of matter and energy. Major emphasis is inquiry-based instruction and learning of the core aspects of California NGSS Chemistry/Earth integrated standards. Major emphasis is placed upon atomic theory, chemical changes and reactions, chemical bonding, the periodic table, gasses, thermodynamics, solutions, equilibrium and acids/bases. A quantitative approach to chemical reactions, thermodynamics, gasses, solutions and equilibrium is emphasized.</p>
D	0556	Physical Earth Science	<p>Physical Earth Science Grade Level: 9-12 Meets UC/CSU A-G, NCAA requirements and is NGSS aligned Prerequisites: None</p> <p>Physical Earth Science is a standards-based, introductory course for ninth or tenth grade students. It can fulfill the graduation requirement for physical science. Students explore six major topic areas: Forces and Motion, Forces at a Distance, Energy Conversion, Nuclear Processes, Electromagnetic Radiation and Origins of the Universe. Major emphasis is inquiry-based instruction and learning core aspects of the California NGSS Physics/Earth Science integrated standards. Laboratory exercises utilize a hands-on discovery approach. Students are involved in both group and individual projects and utilize a variety of technology and multimedia.</p>
D	H0585	HBS Chemistry	<p>HBS Chemistry HBS Academy cohort Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: Completion of Biology and Math 1 with a grade of 'C' or better and concurrent enrollment in Math 2 or higher.</p> <p>Chemistry is a tenth or eleventh grade core requirement course in science and fulfills the second year, physical science graduation requirement.</p> <p>This course examines the concepts of the properties and conversions of matter and energy. Major emphasis is inquiry-based instruction and learning of the core aspects of California NGSS Chemistry/Earth integrated standards. The themes explored are Combustion, Atoms/Elements and Compounds, Bonding and Reactions, Heat and Thermodynamics, Climate Change, and Ocean Acidification.</p>

D	H0685	HBS Chemistry H	<p>HBS Chemistry Honors HBS Academy cohort Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: Completion of Biology, Math 1 with a grade of 'B' or better and concurrent enrollment in Math 2H or higher. This class is the suggested recommendation for students considering future careers/university in fields of science, or AP level science electives.</p> <p>This course examines the concepts of the properties and conversions of matter and energy. Major emphasis is inquiry-based instruction and learning of the core aspects of California NGSS Chemistry/Earth integrated standards. Major emphasis is placed upon atomic theory, chemical changes and reactions, chemical bonding, the periodic table, gasses, thermodynamics, solutions, equilibrium and acids/bases. A quantitative approach to chemical reactions, thermodynamics, gasses, solutions and equilibrium is emphasized.</p>
D	0595	Physics	<p>Physics Grade Level:10-12 Meets UC/CSU A-G requirements Prerequisites: Successful completion of Math 2 or higher math. Math 3 recommended. Co-requisite: Enrollment in Math 3 or higher math.</p> <p>This course is a quantitative study of our physical world. It draws heavily on mathematical interpretations of matter and energy transactions. There is a focus on Newtonian mechanics, electricity, magnetism, wave motion, lights, and nuclear and atomic physics. This is a laboratory course.</p>

## E - Life Science

E	0584	AP Biology	<p>A.P. Biology (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Completion of Biology and Chemistry with a "C" or better. Concurrent enrollment in Math 3 or higher is required.</p> <p>A.P. Biology provides students with a college level biology class and prepares them to take the A.P. Biology examination in the spring. A series of 12 college-level laboratory investigations are completed. Major topics in this class include: biochemistry, cellular and molecular biology, genetics and genetic engineering, selected organ structure and functions of plants and animals, and ecology. This class is recommended for students considering a college major or possible career in a biology or biology-related field.</p>
E	0570	Biology	<p>Biology Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: 9th grade students must be at least enrolled in Math 1</p> <p>Biology is a ninth or tenth grade core requirement course in science and fulfills the first year, life science graduation requirement. The primary goal of this course is for students to become proficient in the California NGSS Biology/Earth integrated standards. Students also develop proficiency in using the scientific method for solving problems. The specific course content includes Ecosystems and Interactions, History of Earth Atmosphere, Evolution and Inheritance of Traits, Students also develop basic scientific skills and knowledge, which allows them to succeed in elective science courses taught at Yucaipa High School. A grade of "C" or better in Biology will be a prerequisite for all science elective courses taught at Yucaipa High School.</p>
E	0583	Biology Hon	<p>Biology Honors Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned. Prerequisites: 9th grade students must be at least enrolled in Math 2H OR Math 1 with a CAASPP Score of 3 or 4.</p> <p>Honors Biology follows the same general content of Biology, but the pace and content will be adjusted to reflect a more ambitious approach. The class will be geared towards students who are looking for preparation for both careers and college that involve pure science majors. Honors Biology also will have a natural flow into Honors Chemistry and eventual preparation for the AP Science electives of Yucaipa High School.</p>

E	H0570	HBS Biology	<p>HBS Biology HBS Academy cohort Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: 9th grade students must be at least enrolled in Math 1</p> <p>Biology is a ninth or tenth grade core requirement course in science and fulfills the first year, life science graduation requirement. The primary goal of this course is for students to become proficient in the California NGSS Biology/Earth integrated standards. Students also develop proficiency in using the scientific method for solving problems. The specific course content includes Ecosystems and Interactions, History of Earth Atmosphere, Evolution and Inheritance of Traits, Students also develop basic scientific skills and knowledge, which allows them to succeed in elective science courses taught at Yucaipa High School. A grade of "C" or better in Biology will be a prerequisite for all science elective courses taught at Yucaipa High School.</p>
E	H0583	HBS Biology Hon	<p>HBS Biology Honors HBS Academy cohort Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements and is NGSS aligned Prerequisites: 9th grade students must be at least enrolled in Math 2H OR Math 1 with a CAASPP Score of 3 or 4.</p> <p>Honors Biology follows the same general content of Biology, but the pace and content will be adjusted to reflect a more ambitious approach. The class will be geared towards students who are looking for preparation for both careers and college that involve pure science majors. Honors Biology also will have a natural flow into Honors Chemistry and eventual preparation for the AP Science electives of Yucaipa High School.</p>

## F - Visual and Performing Arts

F	0046	Adv Art/Design	<p>Advanced Art and Design Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Beginning Art and Design or any other High School Beginning Art course with a 'B' or higher, or upon teacher's approval</p> <p>This hands-on art studio class challenges the students to further explore and work with a variety of art materials, concepts and techniques: the intention is to explore the importance and relevance of art in their lives, whether that is for enjoyment or higher art education. In an effort to encourage and enhance their creative growth and understanding of art, the work of artists past and present is reviewed and, in some cases, emulated. The students use the principles and elements of art as guides to understanding art and developing their own medium of expertise. Students are also exposed to, and learn about, careers in and related to the visual arts. A supply list of required art materials is provided the first week of class. Assignments not completed in class by due dates become homework.</p>
F	0048	Adv Arts/Crafts	<p>Advanced Arts and Crafts Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Beginning Arts and Crafts or any other high school beginning art course with a 'B' or better or teacher's approval</p> <p>This course challenges the student to develop skills already learned in a Beginning Arts class and expand upon the projects listed in Beginning Arts and Crafts. Students will learn additional techniques like mosaic, stencil, airbrush and tie-dye.</p>
F	0057	Adv Dig Vid Pro	<p>Advanced Digital Video Production Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Completion of Beginning or Intermediate Digital Video Production with a 'B' or better, or teacher's approval</p> <p>This culminating course involves advanced level pre-production, production, and post-production methodology and practices intended to produce professional level productions. Students take on a leadership role in producing short films and complete videos to be shown and critiqued by audiences. Students access and show mastery of digital video equipment and develop advanced planning, shooting, and editing skills in order to be competitively ready for entry into film schools at the collegiate level.</p>
F	0292	Adv Drama	<p>Advanced Drama Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Drama or prior approval of instructor</p> <p>This is a 10-unit course in which advanced theatrical skills, play production, and festival performances are emphasized. Students work with our special needs students throughout the school year to write, perform, and direct performances. Students may make public appearances.</p>

F	0053	Adv. Ceramics	<p>Advanced Ceramics Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Completion of Beginning Ceramics with a 'B' or better, or teacher approval (required)</p> <p>This course is a continuation of the ceramic experience for the student who has already taken Beginning Ceramics. Students refine basic hand built and wheel techniques, as well as learning new applications of the knowledge gained in Beginning Ceramics. Projects will focus on creativity and challenging the student to take risks.</p> <p>Basic supplies and equipment will be provided for all students. Functional items such as cups, plates and tea pots are safe for use at home just like store bought ceramics. All projects created in this class are the property of the student and are theirs to keep.</p>
F	0075	AP Studio Art	<p>A.P. Studio Art (weighted) Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: Advanced Art and Design with a grade of 'B' or better and teacher recommendation</p> <p>A supply list of recommended art materials is provided during the first week of class. This course is designed for the more serious art student who is interested in completing an art portfolio for possible college credit and/or to maintain a portfolio indicating the quality and understanding of their art abilities. This portfolio is completed following the guidelines of the A.P. College Board requirements: 24 completed art compositions in given categories plus an artist summary. In order to complete the portfolio, it is required that students do a minimum of 4 hours of homework a week. Throughout this course students take part in the critique process for evaluation of different art works including their own. The development of drawing skills from previous art classes and self-taught methods are important as the portfolio requires several drawing styles as well as drawings from observation. In early May each student may submit their portfolio to the A.P. College Board via an online digital portfolio of the twenty-four art compositions and a written summary. Five original art compositions are also to be sent to the A.P. Board. If a student passes this A.P. test by the Board's standards, they will receive college credit.</p>
F	1375	APArtHistory	<p>A.P. Art History (weighted) Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.</p>
F	0472	ApplMusicTheory	<p>Applied Music Theory Grade Level: 10-12 Prerequisites: None</p> <p>Applied Music Theory will introduce intermediate and advanced theory concepts, with keyboard and vocal applications. Students who have already been introduced to basic music theory concepts will find an opportunity to expand the depth of this knowledge through analysis, ear training, basic keyboard applications, and basic sight-singing. Successful completion of this course will prepare the student to continue studying music at the college level, and will also help students who are interested in preparing for the Music Theory Advanced Placement exam.</p>
F	0045	Beg Art/Design	<p>Beginning Art and Design Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This course is a survey class intended to teach and expose the student to a wide variety of mediums in their traditional and experimental use. Students are exposed to various artists, styles, and trends in art, both past and present. They also are exposed to art terms and the principles and elements of art. Classroom demonstrations as well as helpful successful art techniques are demonstrated and discussed in helping the student to satisfy each assigned classroom goal. A supply list of required art materials is provided the first week of class. Assignments not completed in class by due dates become homework.</p>

F	0052	Beg Ceramics	<p>Beginning Ceramics Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This course introduces students to the fundamentals of working with clay. Students will explore ancient techniques as well as modern approaches to creating functional and non-functional ceramics. The basic technique for handbuilding (pinch pot, slab construction, and coil construction) will be demonstrated. Students will also have the opportunity to learn how to use the potter's wheel.</p> <p>Students taking ceramics will learn to plan and execute their ideas as well as manage the clay throughout this process. Craftsmanship, creativity, and an appreciation for well-made functional pottery are emphasized in this class. Students will learn how to finish their pieces with various types of glaze. Since the basic skills will be taught, it is not necessary for students taking ceramics to be accomplished artists.</p> <p>Basic supplies and equipment will be provided for all students. Functional items such as cups, plates and tea pots are safe for use at home just like store bought ceramics. All projects created in this class are the property of the student and are theirs to keep.</p>
F	0047	Beg/Arts/Crafts	<p>Beginning Arts and Crafts Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>No previous art class is required to enroll in this class.</p> <p>This course includes foundational art skills (drawing/painting) as well as a wide variety of hands-on crafts projects. Students are introduced to painting, color theory, drawing, weaving, macramé, collage, calligraphy, graphic design, sewing, knitting and paper mâché. Students write art critiques using art vocabulary, the elements of art (line, shape, form, texture, color, value) and the principles of design. Students learn about creative careers and design an art history PowerPoint.</p>
F	0098	Beg/DigVidProd	<p>Beginning Digital Video Production Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>In this introductory course, students produce and analyze short video projects including commercials, scenarios, and movie parodies. Students also develop an understanding of elements and principles of visual design and create scripts and storyboards from ideas they have generated. Students then direct, tape, and edit as they move from the planning stage to production and post-production on all major projects. This course may be taken as a general elective or as the initial segment of a sequence of three courses which build toward mastery in video production.</p>
F	0148	Com Graph Des 1	<p>Computer Graphic Design 1 Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Computer Graphics Design 1 is an introductory class into the world of graphic art, game design graphics and animation. Students learn the fundamentals of effective graphics, engaging character design and the working basics of animation. As part of the curriculum, students also learn the elements and the principles of art and the essential principles of typography and digital photo manipulation. There is a strong emphasis on the use and mastery of Adobe Photoshop and Fireworks, along with using Microsoft Office 2013. Product design, character development, magazine covers, CD covers, brochures, calendars, menus, business cards, flyers, and posters are just a few of the assignments for the class. Students will leave the class with a substantial color printed portfolio of their work.</p>
F	0149	Com Graph Des 2	<p>Computer Graphic Design 2 Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Computer Graphics Design 1 with a 'B' or better</p> <p>Computer Graphics Design 2 is the advanced course that follows Computer Graphic Design 1. The focus of this class is designing graphic art, characters and product design using the professional Adobe Illustrator vector graphic tools and advanced Photoshop techniques. This class further emphasizes the principles and elements of art and the principles of design. The emphasis of this class is the development of a professional portfolio of characters for the gaming and entertaining industries, professional product design and final preparation of a graphic arts portfolio designed to assist the student in gaining placement in an art college or entry level employment in the graphic arts industry.</p>

F	1267	Concert Band	<p>Concert Band Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: Consent of the instructor and at least one year of experience on woodwind, brass or concert percussion in a middle school band program</p> <p>The Concert Band is the instrumental music course highly recommended to all instrumental musicians at Yucaipa High School who have not yet taken one year of high school band. A student does not need to pass an audition as in the Wind Ensemble, but players should have a minimum of one to two years playing experience in a school band or orchestra. All continuing students are placed in their chair order based on audition/final placement from the previous semester. Instrumentation includes all standard woodwinds, brass, and percussion instruments. Incoming students must have played an instrument for at least one year. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture, and timbre). Class requirements are planned in accordance with the California State Music Standards and National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>
F	0453	Concert Choir	<p>Concert Choir Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: 1 year of high school music or teacher approval</p> <p>An intermediate group for students with previous choir or YHS music experience. . As our core vocal music group, Concert Choir performs regular concerts for the school and community, and competes in festivals around Southern California. Students should expect a fast-paced class, learning music theory and a wide variety of music including classical, folk songs, spirituals, a cappella, holiday , and contemporary.</p>
F	0215	Creative Writing/Performance	<p>Creative Writing and Performance Grade Level: 10-12 Meets UC/CSU and NCAA requirements; meets A-G for Visual and Performing Arts Prerequisites: None</p> <p>Creative Writing is designed for students who enjoy writing as a form of art and personal expression providing students the opportunity to experiment through writing in multiple genres. This course will focus, primarily, on the process and style of writing poetry and short fiction. Students will write daily, keep a journal, and participate in readings of works in class. As students produce their written drafts, they will engage in writer's workshops where they share feedback and ideas with one another. This feedback helps students learn how to improve their self-expression and self-editing skills. Students will hear and read written work aloud. Reader's Theater, Dramatic Interpretation, Singing and/or Music Video Production, Script Writing and Performance, and Community Outreach are all examples of performance-based projects that students will complete in this course.</p>
F	0023	Drama 1	<p>Drama 1 (Beginning Drama) Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Students will learn the basic terminology and concepts relating to the origins of theatre, acting, technical work and the production process as a whole. This course will also focus on assisting students in improving their communication, interpretational, and team -building skills. Students will learn theatre history, basics of stagecraft, learn monologue and scene work. They will also learn how to critique their own and other's work. Students will participate in one show each semester - Fall Arts Gala or Thunderbird Theatre Festival in the Fall and a Theatre Showcase in the Spring. All students will leave with a firm grasp of basic theatrical concepts, excited about the opportunity to be future performers, technicians and/or audience members.</p>
F	0026	Drama 2	<p>Drama 2 Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Drama 1/Beginning Drama. Must audition.</p> <p>Students will learn the foundations of professional theatrical knowledge. This course will focus on the creation of characters, scenes, and plays. Students will learn in depth character development, technical theatre, genre acting, set design, and the process of creating a full show. They will also learn how to critique their own and other's work. Students will complete fall and spring final live performances. Students must participate in 3 outside of class shows in a tech or acting capacity - Fall Arts Gala, Fall Play, Talent Show, Spring Musical, Children's theatre festival and a Theatre Showcase in the Spring all offer this opportunity. All students will finish this course with great understanding of the theatrical production process and the professional theatre world.</p>

F	0036	Drama 3	<p>Drama 3 Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: Drama 2</p> <p>Drama 3 will focus on the development of creative theatre processes. This includes but is not limited to stage, lighting, sound and set design, advanced tech, sound and lighting cuing and production design. This class is the third in the series of Drama Classes and will focus on design, but students will also complete advanced acting and directing work. Students in this class will also receive the opportunity to direct students in other classes and be able to put their theoretical design projects on stage for full length productions.</p>
F	0450	General Music	<p>General Music Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This integrated performing arts course is recommended for students wishing to enroll in any of the performing arts classes. It covers basic music skills such as music reading, analysis, and performance practices. It gives an overview of the history of music. In addition, students explore technical aspects of the arts such as instrumental and vocal practices. Students learn musical applications through use of recorders.</p>
F	0518	Guitar	<p>Guitar Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This beginning guitar class is designed for students who have never played before, but can help any player move to the next level. The course focuses on literacy in traditional music notation, tablature, and chord symbols to prepare students to self-teach after the course. Students perform for the teacher and other students in the class. It is recommended that students have their own guitar, as this will accelerate their learning, but it is not required.</p>
F	0049	Inter/DigVidPro	<p>Intermediate Digital Video Production Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Completion of Beginning Digital Video Production with a 'B' or better, or teacher approval</p> <p>This second course in a possible sequence of three involves intermediate level production and analysis of video projects with an emphasis upon learning to utilize professional level video production tools such as digital video cameras, sound and lighting equipment, and intermediate to advanced video editing software in order to produce artistic projects. Students produce music videos as well as dramatic scenarios which have high production value.</p>
F	1046	Intro/Design I	<p>Intro/Design I Engineering Academy cohort Grade Level: 9 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This accelerated curriculum helps students become better prepared for engineering-based college level courses. This year-long course of study used project-based, hands-on experience to teach students the key elements and skills of engineering and technology-based careers by immersing them in real-world engineering problems. The primary focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. The 3D CAD software "Autodesk Inventor" is the primary tool for developing design skills and for the development and exploration of projects. This course is the entry level engineering course that develops skills and knowledge needed for subsequent engineering courses in the Engineering Academy.</p>
F	0495	Jazz Band	<p>Jazz Band Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: Music Director Approval</p> <p>Jazz Band – During second semester, members of the Concert Band, Symphonic Band, and Wind Ensemble are eligible to become members of the YHS Jazz Band. The main purpose of the Jazz Band is to introduce students to various jazz styles, and for them to apply them appropriately to Big Band repertoire. Improvisation will also be practiced and applied in order to provide opportunities for as many students as possible to perform solos during the selections. Practices are after school and occur twice a week. Many jazz styles are introduced in a full Big Band setting. The Jazz Band performs at various events in the Yucaipa Community throughout the spring.</p>

F	0460	Madrigals	<p>Madrigals Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: 1 year of high school music experience and audition for director.</p> <p>The elite ambassador choir group for YHS, Madrigal Singers, is only open to students who pass an audition with the director after a year's experience in any YHS music class. This ensemble performs often at events for clubs and organizations in the Yucaipa, in concerts for the school and community, and in festivals around Southern California and beyond. The group boasts recent performances in San Diego, San Francisco, Washington D.C., and New York City.</p>
F	0475	Marching Band	<p>Thunderbird Marching Regiment Grade Levels: 9-12 Prerequisites: Audition with Music Director</p> <p>Thunderbird Marching Regiment – This award-winning group is actually a combination of the YHS Marching Band and YHS Color Guard. The main goal of the TMR is to introduce traditional marching technique, proper outdoor musical performance technique, and a wide variety of choreography and field &amp; parade formations. Students are required to memorize all of these aspects and to perform them at the highest quality for home football games and judged marching competitions. The TMR performs at all home football games and at multiple marching band competitions around Southern California, as well as the Yucaipa Holiday Parade. Both sections of the TMR require an audition. Marching Band members are also expected to enroll in one of the band classes as well. Color Guard workshops and auditions, and a mandatory TMR Information Meeting will be held in May. During the second semester, Winter Guard provides further training and competitions for members of the YHS Color Guard. All practices are after school.</p>
F	0457	Men's Chorus	<p>Men's Chorus Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>The Men's Chorus is open without audition to any young man who wants to sing in the group. This ensemble made up of only Tenor, Baritone, and Bass voices learns and performs barbershop and pop a cappella music intended for such groups. Students should expect to learn basic music theory and a variety of music to perform in 2 concerts per semester as well as at local choir festivals. The group may also be asked to join the Concert Choir in their performances.</p>
F	0054	Photography	<p>Photography Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Photography 1 is structured to acquaint the student with basic photography. Students are given opportunities to extend their knowledge in the art form of photography. Students become familiar with, and gain an understanding of, different cameras, lenses, and their uses. Students create a portfolio demonstrating different types of photography, i.e., motion, landscape, portrait, macro, and photojournalism. Topics of study are not limited to, but will include: the history of photography, the significance of the photograph in history, how photography and other art forms share common principles, artistic composition, and the history of portraiture. Class projects are done in the digital format, but both digital and film photography and equipment will be discussed.</p>
F	1277	Photography 2	<p>Photography 2 Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Photography 1</p> <p>Photography 2 is the practical application of skills learned in Photo 1. Students will be expanding their knowledge of photography by taking photographs with the camera set on manual and controlling the aperture, shutter speed and other settings for the proper effect. Exposure compensation and lighting effects will be major considerations. Class projects will be done in the digital format, but both digital and film photography and equipment will be discussed. Students will be introduced to professional training and will have a chance to be a candidate for a professional photography career. (seasonal/part time basis)</p>

F	0476	Symphonic Band	<p>Symphonic Band Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: Consent of instructor, two to three years' experience on woodwind, brass, or concert percussion.</p> <p>The Symphonic Band is the instrumental music course highly recommended to all instrumental musicians at Yucaipa High School who have already taken one year of high school band. You do not need to pass an audition as in the Wind Ensemble, but players should have a minimum of two to three years playing experience in a school band or orchestra. All continuing students are placed in their chair order based on audition/final placement from the previous semester. Instrumentation includes all standard woodwinds, brass and percussion instruments. Incoming students must have played an instrument for more than two years. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture, and timbre). Class requirements are planned in accordance with the California State Music Standards and National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>
F	1034	VidProdNews	<p>Video Production Newscast Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: Audition required. Recommendations include a strong grade in English due to the writing component of the class and an interest in school-related activities along with a willingness to get involved and spend time after school covering school-related events.</p> <p>The purpose of the Video Production Newscast course is to produce the weekly YHS newscast entitled "Thunderstruck". Students will learn about the basics of broadcast journalism and take on multiple roles that are necessary to produce the weekly program. These roles are comprised of the following: editor in chief, copywriter, storyboard artist, cameraperson, sound recordist, lighting technician, director, on-camera talent, factual researcher, field reporter, production assistant, computer editor, and graphic artist. The program offers an opportunity for student ownership of news content and presentation. The class is required to produce a different show weekly for the entire YHS community while working productively in small teams and functioning in the aforementioned roles common to those employed in television writing, broadcasting, and post-production careers.</p>
F	0468	Wind Ensemble	<p>Wind Ensemble Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Personal audition</p> <p>The Wind Ensemble is the advanced instrumental music course offered to musicians at Yucaipa High School. All students are required to pass an audition to participate in this band. The audition is held in late spring. Instrumentation includes all standard woodwinds, brass, and percussion instruments. Incoming students must have played an instrument for more than three years in a school band. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture and timbre). Class requirements are planned in accordance with the California State Music Standards and the National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>
F	0452	Women's Chorus	<p>Women's Chorus (Treble Chorus) Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>The Women's Chorus (Treble Chorus) is open without audition to any student who wants to sing in the group. The ensemble is composed entirely of treble (Soprano and Alto) voices to perform music composed specifically for such groups. Students should expect to learn basic music theory and a variety of music to perform in 2 concerts per semester as well as at local choir festivals. The group may also be asked to join the Concert Choir in their performances.</p>

## F - World Languages

F	0312	AP French	<p>AP French (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Must have a "C" grade or better in French 3</p> <p>This course is designed around a thematic study of Francophone societies and cultures by examining their products, practices, and perspectives. Newspaper and magazine articles, websites, film, music, video clips, blogs, podcasts, stories, and literary excerpts in French develop language skills and communicative proficiency in real life settings. Communication skills will be enhanced through regular class discussion, one-on-one conversation, collaboration with classmates, role plays, email responses, essay and journal writing, and oral presentations. This course is taught solely in French and it is expected that the students maintain target language during all activities each and every day. This course ultimately prepares students for the AP French Language and Culture Exam that is administered each May.</p>
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F	0342	AP Spanish	<p>A.P. Spanish (weighted)  Grade Level: 11-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: Spanish 1 - 3, and/or native experience, plus instructor approval</p> <p>A.P. Spanish Language course is comparable to an advanced level college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition.</p>
F	0300	French I	<p>French 1  Grade Level: 9-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>French 1 is an introductory course in French language and culture. Students not only learn how to speak French, but they also learn how to read and write the language as well. Students actively work together in many different hands-on activities that are culturally authentic and of interest to them. Throughout the year, vocabulary development will be an integral part of daily lessons along with the mastery of the use of present tense verbs. Students will also become aware of the importance of the French language, how it has become a global language, and also its culture that is present on every continent in the world.</p>
F	0305	French 2	<p>French 2  Grade Level: 10-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: "C" or better in French 1</p> <p>In French 2, students continue to acquire the necessary vocabulary for spontaneous conversation. Verb tenses become very important in this second year with the study of the imperative, past, imperfect, and future tenses. Writing becomes an integral part of the curriculum where students practice official French "dictées" and journal about their daily routines and procedures. In the second semester, reading of authentic short stories in French will not only boost student confidence but also give them reading comprehension techniques to help them dissect and make meaning of French that is above their current reading level. Students will also continue to learn about French culture that is uniquely present around the world.</p>
F	0308	French 3	<p>French 3  Grade Level: 11-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: Must have a "C" grade or better in French 1 and French 2</p> <p>In these intermediate and advanced courses, students dive into the French way of life. While continuing to learn vocabulary, grammar, and syntax, students also start to compare and contrast the similarities and differences of many French-speaking countries with that of the United States. Review of prior verb tenses is an essential part of these courses while being introduced to the subjunctive, conditional, and pluperfect tenses. Students begin to evaluate their own work and critically examine their speaking, reading, writing, and listening comprehension.</p>
F	0349	Spn/Natv/Spkr I	<p>Spanish for Native Speakers 1  Grade Level: 9-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: Student must be a native or heritage Spanish speaker. Placement is determined by an exam/instructor approval.</p> <p>This course is designed to provide Spanish language speakers with the opportunity to improve proficiency in their reading and writing skills through the study of Spanish language literary pieces, grammatical activities, and the application of the writing process. The study of the culture and geography of the Hispanic countries is an integral part of this course.</p>
F	0359	Sp/Natv/Spkr II	<p>Spanish for Native Speakers 2  Grade Level: 10-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: Student must be a native or heritage Spanish speaker and receive a "C" or better in Spanish for Native Speakers I or demonstrate Spanish language proficiency on the placement test.</p> <p>This course focuses on developing and strengthening academic skills for the Spanish speaker through listening, speaking, reading, and writing in Spanish. Students read a variety of literature in Spanish and respond to the readings through integrated listening, speaking, and the study of the writing process. Spanish grammar, spelling, and punctuation are covered. The study of the culture and geography of the Hispanic countries is an integral part of this course.</p>
F	0335	Spanish 1	<p>Spanish 1  Grade Level: 9-12  Meets UC/CSU A-G and NCAA requirements  Prerequisites: None</p> <p>This is a beginning course in Spanish where students develop the skills of listening, reading, writing, and speaking. Students are introduced to the basic grammatical structures, and acquire knowledge of basic sentence structures, phrases, and vocabulary in Spanish. The culture and geography of Hispanic countries are important parts of the program.</p>

F	0340	Spanish 2	<p>Spanish 2 Grade Level: 10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or better in Spanish 1 and English and/or native speaker experience</p> <p>Spanish 2 is designed for students who have successfully completed Spanish 1. Students continue to develop communication skills in listening, reading, writing, and speaking as they are introduced to a wider range of vocabulary and practice all seven simple tenses such as commands and the present, past, and future tenses. The culture of the Hispanic countries is an integral part of the program. Homework is assigned on a daily basis and quizzes are given at least once a week. Successful completion of this course prepares students to continue study in Spanish 3.</p>
F	0345	Spanish 3	<p>Spanish 3 Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: "C" or better in Spanish 2 and English</p> <p>Students continue to develop their listening, reading, writing, and speaking skills as well as apply new grammatical concepts. The cultures and history of Spanish-speaking people in Latin America and Spain are explored and analyzed in order to increase students' ability to understand and appreciate the target culture. Lessons are conducted in Spanish. Successful completion of this course allows students to continue their studies in the A.P. Spanish course.</p>

## H - Physical Education

H	0507	Ath PE Course 1	<p>P.E. (Course 1) Athletics Grade Level: 9-12 Prerequisites: Varsity athlete or coach's recommendation</p> <p>This is a graduation requirement for all students. This class includes development of a personalized plan for lifetime fitness by assessing personal needs, interests, abilities, and opportunities in the area of fitness, and by selecting activities that contribute to the achievement of personal fitness goals. Students learn to apply biomechanical principles in analyzing a variety of movement skills. They are given a variety of activities such as individual and team sports, gymnastics, dance, and personal defense.</p>
H	0560	Ath PE Course 2	<p>P.E. (Course 2) Athletics Grade Level: 10-12 Prerequisites: Completion of P.E. (Course 1). Varsity athlete or coach's recommendation.</p> <p>This is a graduation requirement for all students. This class includes the following activities: combatives, gymnastics/tumbling, team activities, and social dance. Students complete a personal fitness portfolio which demonstrates knowledge of fitness concepts, principles, and strategies which include the practice of psychology and social skills concepts.</p>
H	L0508	LPS PE 1	<p>LPS P.E. (Course 1) LPA Academy cohort Grade Level: 9-12 Prerequisites: None</p> <p>This is a graduation requirement for all students. Students will adhere to the State PE Standards for Course 1 whereas they will demonstrate knowledge of and competency in motor skills, movement patterns, and strategies needed to perform a variety of physical activities, including: aquatics (dry land info), rhythms/dance, physical fitness, and individual and dual activities.</p>
H	L0509	LPS PE 2	<p>LPS P.E. (Course 2) LPS Academy cohort Grade Level: 10-12 Prerequisites: Completion of P.E. (Course 1)</p> <p>This is a graduation requirement for all students. Students will adhere to the State PE Standards for Course 1 whereas they will demonstrate knowledge of and competency in motor skills, movement patterns, and strategies needed to perform a variety of physical activities, including: fitness, combatives/self-defense, gymnastics, and team sports.</p> <p>"The governing board of a school district or the office of the county superintendent of schools of a county, with the consent of a pupil, may grant a pupil an exemption from courses in physical education for two years anytime during grades 10 to 12, inclusive, if the pupil has met satisfactorily at least five of the six standards of the physical performance test administered in grade 9 pursuant to Section 60800" (EC Section 51241[b][1]).</p>

H	0508	PE 1	<p>P.E. (Course 1) Grade Level: 9-12 Prerequisites: None</p> <p>This is a graduation requirement for all students. Students will adhere to the State PE Standards for Course 1 whereas they will demonstrate knowledge of and competency in motor skills, movement patterns, and strategies needed to perform a variety of physical activities, including: aquatics (dry land info), rhythms/dance, physical fitness, and individual and dual activities.</p>
H	0509	PE 2	<p>P.E. (Course 2) Grade Level: 10-12 Prerequisites: Completion of P.E. (Course 1)</p> <p>This is a graduation requirement for all students. Students will adhere to the State PE Standards for Course 1 whereas they will demonstrate knowledge of and competency in motor skills, movement patterns, and strategies needed to perform a variety of physical activities, including: fitness, combatives/self-defense, gymnastics, and team sports.</p> <p>“The governing board of a school district or the office of the county superintendent of schools of a county, with the consent of a pupil, may grant a pupil an exemption from courses in physical education for two years anytime during grades 10 to 12, inclusive, if the pupil has met satisfactorily at least five of the six standards of the physical performance test administered in grade 9 pursuant to Section 60800” (EC Section 51241[b][1]).</p>

## J - Career and Technical Education (ROP)

J	0665	ROP Auto Tech 1	<p>ROP Auto Tech I Grade Level: 9-12 Prerequisites: None</p> <p>This is an entry level class. Students will be introduced to basic automotive service technician skills, safety and information used in the industry that applies to the maintenance and repair of vehicles while in a classroom and shop environment. Many concepts will be practiced in lab conditions in the shop. There is a strong emphasis on safety and use of information in the industry, as these skills prepare students for Auto Tech II &amp; III courses. Completion of this course will help students understand basic automotive maintenance.</p>
J	0666	ROP Auto Tech 2	<p>ROP Auto Tech 2 Grade Level: 10-12 Prerequisites: Completion of Auto Tech I with a grade B- or higher</p> <p>This is a second-year class. Students will continue to learn automotive service technician skills at an intermediate level. More emphasis will be placed in shop with labs. After completion of this course, students are eligible to articulate with San Bernardino Valley College, Riverside Community College or Chaffey College. Only one college can be articulated.</p>
J	0669	ROP Auto Tech 3	<p>ROP Auto Tech 3 Grade Level: 11-12 Prerequisites: Completion of Auto Tech I and 2 with a grade B- or higher</p> <p>This is a third-year class. Students will continue to learn automotive service technician skills at a more advanced level. More emphasis will be placed in shop with labs and project-based learning. After completion of this course, students are eligible to articulate with San Bernardino Valley College, Riverside Community College or Chaffey College if they have not already articulated after ROP Auto Tech II. Only one college can be articulated.</p>
J	0760	ROP Const Tech	<p>ROP Construction Technology Grade Level: 9-12 Prerequisites: None</p> <p>This course includes instruction in construction math, vocabulary, blueprint design and reading, introduction to tools, equipment, building construction materials, and pre-employment skills. Students will participate in hands-on activities and cover topic-specific competencies to learn the fundamentals of layout and framing, interior carpentry, roof framing, electrical, plumbing, masonry, and finish work.</p>

J	0746	ROP Crime Invst	<p>ROP Criminal Investigation Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: Intro to Criminal Justice</p> <p>Criminal Investigation is designed to give students both theory and hands-on experience in the skills and knowledge required of a Criminal Investigator. Students will be introduced to a series of topics including response to crime scenes, analytical evaluation of evidence, and appropriate protocols for each phase of an investigation. Students will determine the seriousness of a crime, coupled with appropriate skill in determining a possible outcome of a criminal case. Students will demonstrate knowledge of learned concepts in reference to the foundations of forensic science, effective investigative skill, laws related to evidence, proper procedures when responding to crime scenes, use of crime scene photography/sketching, and the importance of detailed report writing.</p>
J	0780	ROP EMR 1	<p>ROP Emergency Medical Responder 1 Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Emergency Medical Responder 1 is designed for students interested in emergency medical services, hospital and safety public personnel such as emergency medical technician, firefighter, paramedic and emergency room personnel. This course provides a thorough understanding of anatomy and physiology through the study of medical terminology as applied to the body systems, their interrelationships, diseases, disorders, as well as instruction in legal and ethical principles, public health, infection control, and basic pharmacology. Emphasis is placed on career and employability preparation, critical thinking, leadership, interpersonal and communication skills. Activities in this course include work-based learning that connects students to industry and the local community.</p>
J	0777	ROP EMR 2	<p>ROP Emergency Medical Responder 2 Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: ROP EMR 1</p> <p>Emergency Medical Responder 2 is the capstone course in the Emergency Response pathway. An Emergency Medical Responder is the first medically trained person to arrive on the scene of an emergency. The Emergency Medical Responder provides care to injured persons, and assists other emergency medical service providers. This course builds upon skills acquired in Emergency Medical Responder 1 by training students to recognize emergency situations, maintain personal safety, and provide basic emergency care including CPR and First Aid, prevention of disease transmission, along with an understanding of advanced ethical and legal considerations. This course will prepare students who are interested in a career as an emergency medical technician, paramedic or similar allied health related careers. Activities in this course include work-based learning that connects students to industry and the local community.</p>
J	0637	ROP IntCrimJust	<p>ROP Introduction to Criminal Justice Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Introduction to Criminal Justice is designed to expose students to the occupations within the Criminal Justice System. Students will examine the criminal justice system through the study of laws of evidence, techniques of investigation, report writing, and courtroom procedures. Writing skills, oral communication skills, positive attitudes, and presentation skills related to law enforcement will be emphasized. Many of the performance objectives align with the state's Peace Officer Standards and Training (POST) requirements. Students will be exposed to the wide array of employment opportunities within the public safety service arena. Worksite learning is an optional component of this course and is available to eligible students.</p>
J	0790	ROP Medical Assistant-Clinical 1	<p>ROP Medical Assistant-Clinical 1 Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Medical Assistant Clinical 1 covers medical terminology, a prerequisite for the medical assistant program, and administrative duties necessary for employment in the front office or reception area of a medical facility and physician's office. Students will study anatomy and physiology with an emphasis on the body systems, their interrelationships, diseases, and disorders while acquiring office skills with a focus on patient interaction, appointment control, document processing and recordkeeping. Activities in this course include work-based learning that connects students to industry and the local community. Students must complete all medical assistant clinical courses and the field ROP internship in the ordered sequence to receive the Medical Assistant certificate.</p>

J	0791	ROP Medical Assistant-Clinical 2	<p>ROP Medical Assistant-Clinical 2 Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: ROP Medical Assistant - Clinical 1</p> <p>Medical Assistant Clinical 2 is designed to teach students back office skills required for entry level position as a medical assistant and prepare students for post-secondary education in patient care. Students will acquire medical assistant skills such as taking vitals, recording health histories, preparing patients for examinations, drawing blood, and assisting with minor surgical procedures in simulated laboratory exercises while practicing and learning medical terminology, anatomy and physiology, medical/surgical asepsis, and basic pharmacology. Activities in this course include work-based learning that connects students to industry and the local community. Students must complete all medical assistant clinical courses and the field ROP internship in the ordered sequence to receive the Medical Assistant certificate.</p>
J	0791	ROP Medical Assistant-Clinical 3	<p>ROP Medical Assistant-Clinical 3 Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: ROP Medical Assistant - Clinical 2</p> <p>Medical Assistant Clinical 3 is the capstone course for the Medical Assistant program. It is designed to equip students with medical assisting skills necessary for employment in a variety of medical settings. Students will practice clinical skills and learn topics covering electrocardiography, phlebotomy, hematology, laboratory procedures, diagnostic testing, emergency procedures and the overall well-being of the patient. Activities include work-based learning and ROP field internship that provide medical assisting experience and connect students to industry and the local community. A negative TB test is required for participation in worksite learning. Students must complete all medical assistant clinical courses and the ROP field internship in the ordered sequence to receive the Medical Assistant certificate. CPR and First Aid certifications are included in this course and are awarded based on a competency examination.</p>
J	0795	ROP Virtual Enterprise 1	<p>ROP Virtual Enterprise 1 Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>ROP Virtual Enterprise 1 provides a background in business concepts including the role of entrepreneurial businesses in the United States and their impact on the local, regional, national and global economy. Students will evaluate the skills and commitment necessary to successfully create and operate an online business venture by assessing the current economic, social and political climates for entrepreneurial ideas, evaluating business concepts, and writing business plans for online ventures. By the end of the course, students will assess the strengths and weaknesses of their online business concept, collect and organize market research data into a marketing plan, and prepare the financial analysis for their online business venture. Activities in this course include work-based learning that connects students to industry and the local community.</p>
J	0796	ROP Virtual Enterprise 2	<p>ROP Virtual Enterprise 2 Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: ROP Virtual Enterprise 1</p> <p>Virtual Enterprise 2 is the capstone course in the Entrepreneurship/Self-Employment pathway. Students learn the principles of micro and macroeconomics and apply those principles by setting-up and operating a simulated business in preparation for working a real business environment. Students study supply and demand, the Federal Reserve System, taxation by federal, state and local entities, the stock market and international transactions. Students determine the nature of the business, its products and services, the organizational structure, and practice the daily operations of a business. They use current business software and the Internet for business transactions. The focus on business operations, basic economic principles, and communications, computation, and employability skills. Activities in this course include work-based learning that connects students to industry and the local community.</p>
J	0784	ROP Construction Technology 1	<p>ROP Construction Technology 1 Grade Level: Prerequisites:</p> <p>Construction Technology provides an overview of the construction industry and introduces students to accurate measurements, construction tools, technical drawings and green technology. Emphasis is placed on the safe use of hand and power tools and the proper selection of materials to create a project. It is designed to provide students with technical knowledge and practical experience in the carpentry and building industry. Students will also acquire communication, critical thinking, leadership and professional skills for the workplace. Activities in this course include project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Construction Technology 1 and Construction Technology 2 for pathway completion and/or articulation.</p>

J	0785	ROP Construction Technology 2	<p>ROP Construction Technology 2 Grade Level: Prerequisites: ROP Construction Technology 1</p> <p>Construction Technology provides an overview of the construction industry and introduces students to accurate measurements, construction tools, technical drawings and green technology. Emphasis is placed on the safe use of hand and power tools and the proper selection of materials to create a project. It is designed to provide students with technical knowledge and practical experience in the carpentry and building industry. Students will also acquire communication, critical thinking, leadership and professional skills for the workplace. Activities in this course include project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Construction Technology 1 and Construction Technology 2 for pathway completion and/or articulation.</p>
J	0786	ROP Construction Technology 3	<p>ROP Construction Technology 3 Grade Level: Prerequisites: ROP Construction Technology 2</p> <p>Construction Technology provides an overview of the construction industry and introduces students to accurate measurements, construction tools, technical drawings and green technology. Emphasis is placed on the safe use of hand and power tools and the proper selection of materials to create a project. It is designed to provide students with technical knowledge and practical experience in the carpentry and building industry. Students will also acquire communication, critical thinking, leadership and professional skills for the workplace. Activities in this course include project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Construction Technology 1 and Construction Technology 2 for pathway completion and/or articulation.</p>
J	0716	ROPIntConstTech	<p>ROP Intermediate Construction Technology Grade Level: 10-12 Prerequisites: Successful completion of Construction Technology</p> <p>This is the second-year course in the Construction Technology sequence of courses. Students will apply their construction technology understandings and continue their advancement of learning of the construction technology course competencies as outlined in the Construction Technology course description.</p>
J	0717	ROPAdvConstTech	<p>ROP Advanced Construction Technology Grade Level: 11-12 Prerequisites: Successful completion of Construction Technology and Intermediate Construction Technology, or teacher approval.</p> <p>This is the third year course in the Construction Technology sequences of courses. This is an advanced level course which will require students to complete advanced projects demonstrating their advanced construction technology understandings and course competencies as outlined in the Construction Technology course description.</p>
<b>Z - Electives</b>			
Z	0190	3DModAnimGame	<p>3D Modeling and Animation for Game Development Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>Developing and creating 3D gaming characters and movie animation is the focus of 3D Desktop. The course uses MAYA (3D modeling and animation software). This is a great place to begin a career or hobby in game development or 3D modeling and animation.</p>
Z	0191	Adv3D Mod/Anim	<p>Advanced 3D Modeling/Animation for Game Development Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: 3D Modeling/Animation for Game Development (required)</p> <p>This is the advanced 3D class for students who successfully complete the 3D Modeling/Animation for Game Development course. Using MAYA, students will learn advanced modeling and animation techniques. Students are exposed to MEL (Maya Embedded Language), scripting features, and basic character creation and movement.</p>

Z	0116	AP CompSci	<p>AP Computer Science Grade Level: 11-12 Meets UC/CSU A-G Prerequisites: Completion of Algebra 2/Math 2 with "B" or better and successful completion of Computer Science/Software Engineering or teacher approval</p> <p>This course is part of the Engineering Academy, as well as a general elective offering.</p> <p>AP Computer Science continues to help students develop programming skills and knowledge of computer science. Students build on basic skills learned in Computer Science Principles in order to learn about Java (a true object-oriented programming language) and authentic app development. Students work on building their skills in communication and collaboration while also learning to use a variety of tools. The students will also continue to create independent-thinking apps by working through the app development cycle from the ground up. The course is also designed to cover all learning objectives in the College Board's AP CS A (Computer Science A) framework and to prepare students to do well on the AP assessment if they choose to take it.</p>
Z	0775	AP CompSciPrinc	<p>AP Computer Science Principles (weighted) Engineering Academy cohort Grade Level: 10-12 Meets UC/CSU A-G requirements Prerequisites: Completion of Algebra 2/Math 2 with "B" or better and successful completion of Computer Science/Software Engineering or teacher approval.</p> <p>This course is part of the Engineering Academy, as well as a general elective offering. Computer Science Principles gives students hands-on experience to generate excitement about the field of computer programming and computing. Students work in teams to develop computational thinking and develop their capacity to work with computational tools to foster creativity. Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students practice problem solving with structured activities and projects that require them to develop planning, documentation, communication, and other professional skills. The course is also designed to cover all learning objectives in the College Board's AP CS Principles framework and to prepare students to do well on the AP assessment if they choose to take it.</p>
Z	0616	AP Hum Geo	<p>AP Human Geography (weighted) Grade Level: 9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Incoming 9th Grade: Grade of "B" or higher in 8th grade social studies &amp; language arts AND affirmative recommendations from 8th grade social studies &amp; language arts teachers.</p> <p>The purpose of the AP Course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students also learn about the methods and tools geographers use in their science and practice. In preparation for the AP Human Geography examination, this course is structured using the seven units of study outlined in the most recent AP Human Geography Course Description: nature and perspectives; population and migration; cultural patterns and processes; political patterns and processes; agricultural and rural land use; industrialization and development; cities and urban land use. Throughout the course, environmental and social issues will be examined. Course content for AP Human Geography is outlined by the College Board. It represents a typical college-level introductory course in human geography.</p>
Z	0613	AP Psychology	<p>A.P. Psychology (weighted) Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This is a one-year elective which focuses on the study of the human mind and behavior. Students develop an understanding of the main areas of study in psychology: biological, cognitive, developmental, learning and memory, perception, personality, and social. This course is designed to prepare students to take the College Board A.P. Psychology exam in May to earn possible college credit.</p>
Z	2001	AVID 9	<p>AVID 9 Grade Level: 9 Meets UC/CSU A-G requirements Prerequisites: Approval by AVID coordinator and/or middle school AVID coordinators</p> <p>Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen meta-cognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques.</p>

Z	2009	AVID 10	<p>AVID 10 Grade Level: 10 Meets UC/CSU A-G requirements Prerequisites: AVID 9 or approval from AVID coordinator</p> <p>This second sequence of Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. In the 10th grade year, students will continue to refine their academic learning plans and goals, increasing awareness of their actions and behaviors, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.</p>
Z	2004	AVID 11	<p>AVID 11 Grade Level: 11 Meets UC/CSU A-G requirements Prerequisites: AVID 10 or approval from AVID coordinator</p> <p>Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. The eleventh-grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their post-secondary plans.</p>
Z	2005	AVID Senior Sem	<p>AVID Senior Seminar Grade Level: 12 Meets UC/CSU A-G requirements Prerequisites: AVID 11</p> <p>This fourth sequence of Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. In the 12th grade year, students will continue to refine their academic learning plans and goals, create legacy projects, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will complete 4-year college applications and financial aid documentation. Students will expand their writing portfolio to include: an argumentative research paper on a social issue and detailed reflections. Lastly, students will prepare for college through the use of inquiry based collaborative study groups utilizing higher order thinking questioning techniques.</p>
Z	0497	Beach/Rec Activ	<p>Beach and Recreational Activities Grade Level: 11-12 Prerequisites: Completion of P.E. Courses 1 and 2 and successful passage of the state-mandated fitness test, Fitnessgram®.</p> <p>This course is designed for students who are interested in advanced knowledge and skills in two or more individual and dual activities. Some activities that could be included in this category are: golf, badminton, tennis, two-player volleyball, skating, gymnastics/tumbling, archery, cycling, and yoga.</p>
Z	0550	Bio Med Innov	<p>Biomedical Innovations HBS Academy cohort Grade Level: 12 Meets UC/CSU A-G for 'G - Electives' and NCAA requirements</p> <p>Prerequisites: None</p> <p>In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.</p>

Z	1047	Civ.Eng/Arc.Des	<p>Civil Engineering/Architectural Design Engineering Academy cohort Grade Level: 11 Meets UC/CSU A-G requirements Prerequisites: Successful completion of Principles of Engineering.</p> <p>This course builds upon principles introduced in the prerequisite courses of Introduction to Design and Principles of Engineering. Students apply what they learn about various aspects of civil engineering to the design and development of property. Students work in teams to explore hands-on activities and projects to learn the characteristics of civil engineering and architectural fields. In addition, students use 3D design software to help them design solutions to solve major course projects. During this course, students will learn about documenting the various aspects of their project, solving problems, and communicating their solutions to their peers and members of the professional community of civil engineers and architects. The accelerated curriculum also helps students become better prepared for college-level courses and other courses in the Engineering Academy.</p>
Z	1048	Eng Des & Devel	<p>Engineering Design &amp; Development Engineering Academy cohort Grade Level: 12 Meets UC/CSU A-G requirements Prerequisites: Successful completion of Civil Engineering and Architectural Design or Computer Science and Software Engineering.</p> <p>This course builds upon principles introduced in the prerequisite engineering courses. Engineering Design and Development allows students to apply the principles and skills learned in previous classes to design a solution to a technical problem of their choosing. This is an engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem. Throughout the design process students use and apply mathematical functions and scientific theories. The use of 3D design software helps students design solutions to the problems chosen. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. This course also engages students in time management and teamwork skills.</p>
Z	0770	Fire Science 1	<p>Fire Science 1 Grade Level: 11/12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This course is part of the Law and Public Safety Academy, as well as a general elective offering.</p> <p>This course is articulated with Crafton Hills College and is one of three courses required before entrance into the Fire Academy at CHC.</p> <p>Fire Science 1 is a course that introduces students to fire protection, strategy and tactics. Students study the philosophy, history, and chemistry of fire protection services. Students also learn about municipal fire defenses, the function of public and private fire protection services and how they function as part of local government. Students also learn about laws and regulations affecting the fire service, as well as different career opportunities in fire protection and related fields.</p>
Z	0772	FireScience2	<p>Fire Science 2 Grade Level: 11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This course is part of the Law and Public Safety Academy as well as a general elective offering.</p> <p>This course is articulated with Crafton Hills College and is one of three courses required before entrance into the Fire Academy at CHC.</p> <p>Fire Science 2 is a course that includes the study of the philosophy and history of fire protection; review of municipal fire defenses; examination of the organization and function of Federal, State, County and private protection agencies; and survey of professional fire protection career opportunities.</p>
Z	0295	Forensics	<p>Forensics Grade Levels: 9-12 Meets UC/CSU and NCAA requirements Prerequisites: Audition required</p> <p>Forensics (speech competition) is a course for speech team members. Each student follows an individualized program of his own choosing, preparing for tournament competition. It is open to any level of experience and offers a wide choice of events. Audition required.</p>

Z	0253	Fr Sem/Law	<p>Freshman Seminar Law Law and Public Safety cohort Grade Level: 9 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>The goal of the Freshman Seminar course for Law and Public Safety students is to transition 9th grade students from middle school to high school. Law and Public Safety students will study what is Law and Public Safety, Leadership, Radio Communication, the constitution and our laws, while also getting an introduction to law enforcement, fire and law careers, and mini-mock trials. While learning these key aspects, students will be learning the following essential elements for student success: How to Be a T-Bird, Creating a Supportive Learning Community, Developing Self-Awareness and Self-Management, Building Academic Strengths and Purpose, Resolving Conflicts and Making Decisions, and Individual Freedom and Democracy. Students will also receive Technology instruction including Aeries, Google Classroom, publication and presentation software, and online resources for research and presentation.</p>
Z	0174	FreshmanSeminar	<p>Freshman Seminar Grade Level: 9 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>The goal of the Freshman Seminar course is to transition 9th grade students from middle school to high school. Through a sequence of six modules, students in this year-long course, will be introduced to the following essential elements for student success: How to Be a T-Bird, Creating a Supportive Learning Community, Developing Self-Awareness and Self-Management, Building Academic Strengths and Purpose, Resolving Conflicts and Making Decisions, and Individual Freedom and Democracy. Technology instruction includes Aeries, Google Classroom, publication and presentation software, and online resources for research and presentation.</p>
Z	0576	Hum Anat & Phys	<p>Human Anatomy and Physiology Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Students must have completed Biology with a 'C' or better. Chemistry is recommended, but not required.</p> <p>Human Anatomy and Physiology focuses on the major organs and systems of the human body, their structure, functions, and interrelationships. Students interested in a medical or medical-related career are encouraged to take this class. Dissections are an integral part of the laboratory portion of this class.</p>
Z	0159	HumBodySystems	<p>Human Body Systems Health and Biomedical Sciences Academy cohort Grade Level: 10 Meets UC/CSU A-G for 'D Life Science' and NCAA approved</p> <p>This course builds upon topics introduced in the prerequisite course of Principles of Biomedical Sciences. Students will examine the interactions of the human body systems as they explore identity, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex, voluntary action and respiration. Students will also build organs and tissues on a skeletal manikin, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries.</p>
Z	0520	Lifeguard Training	<p>Lifeguard Training Grade Level: 11-12 Prerequisites: Completion of P.E. Courses 1 and 2. Successful passage of the state-mandated fitness test, Fitnessgram®. Pass lifeguard prerequisite tests.</p> <p>Students will have the opportunity to gain valuable skills, training and certifications helpful for public safety careers; Lifeguard Training, First Aid, CPR/AED, CERT, and additional certifications. The purpose of the American Red Cross Lifeguarding course is to teach the skills needed to help prevent and respond to aquatic emergencies. This includes land and water rescue skills, as well as first aid, CPR, and AED. The primary purpose of the Lifeguarding program is to train Lifeguards to act with speed and confidence in emergency situations both in and out of the water. Topics include water rescue skills, surveillance and recognition, first aid, breathing and cardiac emergencies, CPR, AED and more. The program reflects the latest Emergency Cardiovascular Care (ECC) science.</p>

Z	0434	Math Support	<p>Math Support Grade Level: 9 Prerequisites: None</p> <p>This course is a math support course taken as a co-requisite with Math 1A. Math 180 is a math intervention program designed to prepare students for algebra readiness. Students are assessed at the beginning of the school year to determine placement in either Course I or Course II. The Math 180 scope and sequence is a focused and coherent curriculum that enables students to progress effectively toward algebra. Organized around Number and Operations and Algebraic Thinking, Course I develops the critical function of numerical understanding and fluency. Course I builds students' conceptual understanding of whole number, fraction, and decimal operations through operational fluency and problem solving. Because Math 180 strategies involve extensive use of the Distributive Property to build operational fluency, students look for and make use of this structure as they transition to operating on expressions with variables in algebra. Course II builds on Number and Operations and focuses on proportional, linear, and functional relationships. Instruction includes visual models to help make abstract concepts such as rates, ratios, linear relationships, and functions more concrete. Students use tables, graphs, expressions, and equations to clarify and communicate mathematical approaches and understandings. Math 180 uses an instructional model where students are split into small groups and spend half of the class period in group instruction where the teacher facilitates instruction to build a conceptual understanding, develop reasoning and communication skills, and interpret student thinking. The other half of the class period is spent on a laptop where each student works on personalized software that adapts to each student's needs and pace, providing added support and practice for those who need it and accelerating those ready to move on.</p>
E	0577	Marine Biology	<p>Marine Biology Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: Completion of Biology with 'C' or better</p> <p>NOTE: This is an introductory course recommended for anyone with an interest in learning more about the ocean. In this interdisciplinary course, students get to know the ocean world through introductory studies of chemistry (i.e. water chemistry), physics (i.e. waves and tides), and a comprehensive overview of the earth (i.e. plate tectonics and ocean sedimentation).</p> <p>Unifying themes are factors that affect marine ecosystems and the relationship between environmental characteristics and biological communities, as well as how humans affect the sea and how the sea affects humans. Students examine the biology of whales, pinnipeds, and other marine organisms. Laboratory work includes hands-on experience with dissections of various oceanic organisms throughout the course, as well as simulation activities.</p>
E	0769	MedInterven	<p>Medical Intervention HBS Academy cohort Grade Level: 11 Meets UC/CSU A-G for 'D Life Science' and NCAA requirements Prerequisites: None</p> <p>This course builds upon topics introduced in the prerequisite courses of Human Body Systems and Principles of Biomedical Sciences. Students will investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. Students will explore how to prevent and fight infection, screen and evaluate code in DNA, prevent, diagnose and treat cancer, and how to prevail when organs begin to fail. Students will also learn about immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.</p>
Z	0259	Mock Trial	<p>Mock Trial Grade Level: 10-12 Prerequisites: None</p> <p>This course is designed to help students understand the mechanisms and principles of the American justice system, which affects all citizens and residents. Using landmark Supreme Court cases, students will learn various topics pertaining to legal principles and practices, Constitutional law, legal concepts and terminology, courtroom procedures, understanding of law enforcement, judiciary procedures, and interpretation and enforcement of laws. The class will provide students with the opportunity to participate in the law enforcement pathway that is aligned with the Linked Learning grant. Additionally, emphasis is placed on the applications of principles through the process of role playing in the various situations one may encounter pertaining to the justice system and trials. Students are encouraged to seek application of skills in extracurricular mock trials completion by applying, interviewing and practicing with the Yucaipa High School competitive Mock Trial team. Students will compete against other students in the regional area.</p>

Z	0360	Pop Culture	<p>American Studies: Popular Culture Grade Level: 11-12 Prerequisites: Passing grade in previous years English class.</p> <p>Pop Culture is a yearlong elective, offered to Seniors and Juniors, and involves the study of the impact of popular culture on American Society. It could be argued that no force has had a more direct role in shaping the 20th and 21st centuries than has pop culture. Although many aspects of this cultural phenomenon are touched upon in US History, its impact merits more extensive examination. This course is not merely opportunities to listen to music or watch movies. Students are required to write, debate and research the relationship between the art created and the socio-political climate of its time. As a result, this course will provide a solid opportunity to be exposed to new ideas and engage in critical thinking as it applies to music, film and the arts.</p>
E	2237	Prin Bio Med	<p>Principles of the Biomedical Sciences HBS Academy cohort Grade Level: 9 Meets UC/CSU A-G for 'D Life Science' and NCAA requirements Prerequisites: None</p> <p>Students will explore biology concepts through the study of human diseases such as heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students will determine the factors that led to the death of a fictional person, and investigate the lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine and the research processes while also allowing students to design experiments to solve problems.</p>
Z	1049	Princ/Engineer	<p>Principles of Engineering Engineering Academy cohort Grade Level: 10 Meets UC/CSU A-G requirements Prerequisites: Successful completion of Introduction to Design.</p> <p>This course builds upon and further explores principles taught in the prerequisite course of Introduction to Design. Principles of Engineering uses project-based, hands-on experiences to teach students the key to mathematical elements and skills of engineering and technology-based careers by immersing them in real world engineering problems. It examines mechanisms, the strength of materials and structures, automation, and kinematics. The course also addresses the social and political consequences of technological change. This course looks at the mathematical functions used within the engineering field. The accelerated curriculum also helps students become better prepared for college-level courses and other courses in the Engineering Academy.</p>
Z	0635	Psychology	<p>Psychology Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This elective class explores the elemental aspects of general psychology. It contains an overview of the field of psychology coupled with personal awareness inventories and evaluations designed to give the students an in-depth look at themselves and their interaction with the society around them. Academic content is paired with practical experience to enhance the total personal grasp of the area of psychology.</p>
Z	0601	Theatrical Prod	<p>Theatrical Production (7th period) Grade Level:9-12 Prerequisites: None</p> <p>This course is a performance-based class focusing on the skills and techniques of performing on the Thunderbird Theatre Mainstage, individually, in small groups and as a whole group. This is a production class, focusing on community performances as well as production of our Mainstage Productions. Students will perform as actors, stage crew, technical crew, production designers, and even have a chance to direct in the Thunderbird Theatre. Fall Semester class will focus on the production of a traditional Play while Spring class will focus their efforts on a Spring Musical all while creating pieces for festivals and smaller theatrical showcases. This will be a 7th period class and it will hold traditional auditions for all theatrical performances. Roles will be cast according to Thunderbird Theatre guidelines.</p>

Z	0676	Work Exp/11	<p>Work Experience 11th Grade Grade Level:11 Prerequisites: Consent of the Work Experience Coordinator, parents and employer. Students must be at least 16 years of age and an eleventh or twelfth grader. They must be working at a valid place of employment as described on the course application form. Students must attend school regularly and maintain a 2.0 GPA with no more than one "F" grade during the most recent grading period.</p> <p>The Work Experience Education Program is designed to give 11th and 12th grade students the opportunity to discover their own vocational interests while doing "real" work in business, industry, and the professions. An important purpose of the program is to assist students to become productive, responsible individuals. Students who successfully complete the requirements of the program earn high school credit for their endeavors. This is a ten-unit course designed to extend vocational learning opportunities through part-time employment in a business setting. Students experience actual on-the-job training while earning high school credit. Students must work a minimum of ten hours per week in the afternoon, evenings, or weekends, earning five credits for any semester during their junior or senior year for a maximum total of twenty credits. Students must attend one class per week and complete work-related assignments as assigned by the Work Experience Coordinator.</p>
Z	0675	Work Exp/12	<p>Work Experience 12th Grade Grade Level: 12 Prerequisites: Consent of the Work Experience Coordinator, parents and employer. Students must be at least 16 years of age and an eleventh or twelfth grader. They must be working at a valid place of employment as described on the course application form. Students must attend school regularly and maintain a 2.0 GPA with no more than one 'F' grade during the most recent grading period.</p> <p>The Work Experience Education Program is designed to give 11th and 12th grade students the opportunity to discover their own vocational interests while doing "real" work in business, industry, and the professions. An important purpose of the program is to assist students to become productive, responsible individuals. Students who successfully complete the requirements of the program earn high school credit for their endeavors.</p> <p>This is a ten-unit course designed to extend vocational learning opportunities through part-time employment in a business setting. Students experience actual on-the-job training while earning high school credit. Students must work a minimum of ten hours per week in the afternoon, evenings, or weekends, earning five credits for any semester during their junior or senior year for a maximum total of twenty credits. Students must attend one class per week and complete work-related assignments as assigned by the Work Experience Coordinator.</p>
Z	0529	WtTrFt (Crs 3F)	<p>Weight Training and Fitness (Course 3F) Grade Level:11-12 Prerequisites: Completion of P.E. Courses 1 and 2 and successful passage of the state-mandated fitness test, Fitnessgram®.</p> <p>Advanced Weight Training is designed for the student interested in pursuing weight training for competitive, cosmetic, or simply for health reasons. Advanced theory and application of weight training are emphasized.</p>
Z	0284	Yearbook	<p>Yearbook Grade Level: 9-12 Meets UC/CSU A-G requirements Prerequisites: 'B' or better in English. Teacher recommendation.</p> <p>Students write, photograph, and design layouts for the Yucaipa High School yearbook, El Conquistador. Many positions that students hold require work after school, in the evening, or occasionally on a weekend.</p>