



**THE  
REDLANDS HIGH SCHOOL**

This book is a collection of course information for Redlands High School. It is used as a central resource by all school personnel as the agreed-upon procedure for all programs. This book is reprinted and updated on a yearly basis and is employed in the pre-registration of all students, grades 9 through 12.

## **REQUIREMENTS FOR RUSD GRADUATION**

Satisfactory completion of 225 semester units of credit from grades 9-12 with 70 semester credits maximum credited for ninth grade.

- **All 9th** grade students will be enrolled in a year of English, math, science, and physical education.
- **All 10th – 12th** grade students must be enrolled in English and are strongly encouraged to be enrolled in math and science. Remaining semester credits must be earned in grades 9-12 including:

- (1) English .....40 Semester Credits in Grades 9 – 12
- (2) Social Science.....30 Semester Credits in Grades 10 –12  
(Including World History  
& Geography, United States  
History, American Government,  
Economics)
- (3) Science.....20 Semester Credits in Grades 9 –12
- (4) Math.....20 Semester Credits in Grades 9 –12
- (5) World Language or Fine Arts or CTE....10 Semester Credits in Grades 9 –12
- (6) Physical Education.....20 Semester Credits in Grades 9 –12
- (7) Electives.....85 Semester Credits in Grades 9 –12

### **SPECIAL CONSIDERATIONS**

(1) Physical Education

No more than 40 credits of Physical Education may be applied toward graduation requirements in grades 9 - 12.

A limit of twenty (20) units of graduation credit may be earned in Independent Study PE in the four years of high school.

The Superintendent or designee may exempt students, with their consent, from any two years of physical education courses during grades 10-12 provided that the student has satisfactorily met at least five of the six standards of the FITNESSGRAM in grade 9 and received physical education credit with a grade of C or better for the one semester preceding the period for which the original request is made. (Education Code [51241](#)). Students in grades 10-12 who have been granted a two-year exemption may meet their PE requirement in a regular school-sponsored interscholastic athletic program carried on wholly or partially after regular school hours.

(2) R.O.P.

No more than 40 credits of R.O.P. may be applied toward graduation requirements in grades 9 - 12.

(3) Teacher Assistant

No more than 10 credits may be applied toward graduation; counselor approval only.

## **CSU/UC REQUIREMENTS (a-g)**

The California State University and the University of California systems have minimum requirements for entrance to their respective universities. The following are those course requirements and the letter associated with their subject:

*This list is commonly referred to as the "a-g requirements for CSU/UC universities."*

- (a) **Social Science** – 2 years required - *Two units (equivalent to two years) of history/social science required, including: one year of world history, cultures and historical geography and one year of U.S. history; or one-half year of U.S. history and one-half year of civics or American government.*
- (b) **English** - 4 years required - *Four units (equivalent to four years) of college preparatory English composition and literature required, integrating extensive reading, frequent writing, and practice listening and speaking with different audiences. Students may only use 1 year of ESL/ELD English.*
- (c) **Math** - 3 years required, 4 years recommended - *Three units (equivalent to three years) of college-preparatory mathematics (four units are strongly recommended), including or integrating topics covered in elementary algebra, advanced algebra, and two-and three-dimensional geometry.*
- (d) **Laboratory Science** - 2 years required, 3 years recommended - *Two units (equivalent to two years) of laboratory science are required (three units are strongly recommended), providing fundamental knowledge in two of the following: biology, chemistry, or physics. A yearlong interdisciplinary science course can meet one year of this requirement.*
- (e) **Language other than English** - 2 years required, 3 years recommended - *Two units (equivalent to two years, or through the second level of high school instruction) of the same language other than English (three units recommended).*
- (f) **Visual & Performing Arts** - 1 year required - *One unit (equivalent to one year) required, chosen from one of the following categories: dance, music, theater, or visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).*
- (g) **College-Preparatory Elective** - 1 year required - *One unit (equivalent to one year) chosen from the "a-f" courses beyond those used to satisfy the requirements of the "a-f" subjects, or courses that have been approved solely in the elective area.*



**Redlands Unified School District**  
*College and Career Pathways – Reference Guide*  
 2021-2022



**Redlands High School**

Pathways	Concentrator Course		Capstone Course
<b>Arts, Media, and Entertainment</b>			
<b>Design, Visual, and Media Arts</b> (RUSD/ROP)	Multi-Media Design - Y (f) (articulated – SBVC) 9 <sup>th</sup> -11 <sup>th</sup> grade (0964/2964)		Adv Multi-Media Design- Y (f) (articulated – SBVC) 10 <sup>th</sup> -12 <sup>th</sup> grade (0962/2962)
	Art of Animation I - Y (f) (articulated – SBVC, CHC, RCC) 9 <sup>th</sup> -11 <sup>th</sup> grade (1475/3475)		Art of Animation II - Y (f) (articulated – SBVC, CHC, RCC) 10 <sup>th</sup> -12 <sup>th</sup> grade (1481/3481)
<b>Game Design and Integration</b> (ROP)	Video Game Design I - Y (g) (articulated – RCC) 9 <sup>th</sup> -11 <sup>th</sup> grade (1479/3479)		Video Game Design II – Y (g) 10 <sup>th</sup> -12 <sup>th</sup> grade (1401/3401)
<b>Education, Child Development, and Family Services</b>			
<b>Family and Human Services</b> (ROP)	American Sign Language I – Y (e) 9 <sup>th</sup> -11 <sup>th</sup> grade (0866/2866)		American Sign Language II – Y (e) 10 <sup>th</sup> -12 <sup>th</sup> grade (0861/2861)
<b>Hospitality, Tourism, and Recreation</b>			
<b>Food Services and Hospitality</b> (RUSD)	Foods – Y (g) 9 <sup>th</sup> -11 <sup>th</sup> grade (1174/3174)		Advanced Foods - Y (g) 10 <sup>th</sup> -12 <sup>th</sup> grade (1171/3171)
<b>Manufacturing and Product Development</b>			
<b>Product Innovation and Design</b> (ROP)	Advanced Manufacturing I – Y (g) (articulated – RCC, SBVC) 9 <sup>th</sup> -11 <sup>th</sup> grade (1419/3419)		Advanced Manufacturing II – Y (g) (articulated – RCC) 10 <sup>th</sup> -12 <sup>th</sup> grade (1491/3491)
<b>Transportation</b>			
<b>Systems Diagnostics, Service, and Repair</b> (ROP)	Automotive General Service Technician – Y 9 <sup>th</sup> -11 <sup>th</sup> grade (1465/3465)		Adv Auto General Service Tech - Y (articulated – RCC, SBVC) 10 <sup>th</sup> -12 <sup>th</sup> grade (1466/3466)
<b>Health Science &amp; Medical Technology</b>			
<b>Patient Care (HEART Academy)</b> (ROP)	Medical Assistant Clinical I -Y (g) (articulated –CHC, SBVC) 10 <sup>th</sup> grade (1429/3429)	Medical Assistant Clinical II -Y (g) (articulated – CHC, SBVC) 11 <sup>th</sup> grade (1463/3463)	Medical Assistant Clinical III - Y (g) (articulated – CHC, SBVC) 12 <sup>th</sup> grade (1470/3470)

# COURSE CATALOG

This is a catalog of courses that may be offered during any given year. Not all courses are offered every year. Check with counseling to determine what is offered in a given year.

## Explanation of Codes:

- **College Prep:** College Prep courses are used to calculate academic GPA. College prep courses are considered courses to prepare students to meet college entrance requirements for four-year college.
- **Meets high school diploma subject requirement:** Identifies whether the course meets one of the subject course requirements to receive a high school diploma. Course subject requirements are outlined under graduation requirements above, and each course subject requirement is labeled 1-7.
- **Meets A-G subject requirement:** Identifies whether the course meets one of the subject course requirements to meet A-G requirements to apply to four-year college. Course subject requirements are outlined under A-G requirements above, and each course subject requirement is labeled A-G.
- **Maximum Credits Allowed For Each Semester/Total:** Identifies the maximum credits a student may receive *for each semester/total amount of credits allowed* for that specific course.
- **Grade level eligible:** Identifies the grade levels eligible to take the course.
- **Honors or AP:** Identifies if the class is honors or advanced placement and will receive an additional point on the student's GPA, if the student completes the course with a C- or better.

Codes are identified with a chart under each course number and title:

College Prep?	Meets high school diploma subject requirement?	Meets A-G subject requirement?	Maximum Credits Allowed For Each Semester/Total	Grade level eligible:	Honors or AP?

# ENGLISH COURSES

## 0029/2029 English 9

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	9-12	No

Prerequisite: None

Content: This course is based upon the CA State-adopted Common Core State Standards. The course emphasizes the following: Writing, Reading, Informational Text and Literature, Speaking & Listening and the study of Language. For more information, please refer to [www.redlandsusd.net](http://www.redlandsusd.net).

## 0030/2030 English 9H

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	9	Yes

Prerequisite: 3.0 or higher in prior core academic coursework is recommended but not required.

Content: English 9-H serves the academically talented, highly motivated 9th grader who plans to enter accelerated English courses in grades 10, 11 and 12. The English 9 course content provides the core of this program which will be enriched with exposure to a more intensified program of literature, reading and writing.

## 0061/2061 English 10

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	9-12	No

Prerequisite: None

Content: This course is based upon the CA State-adopted Common Core State Standards. The course emphasizes the following: Writing, Reading, Informational Text and Literature, Speaking & Listening and the study of Language. For more information, please refer to [www.redlandsusd.net](http://www.redlandsusd.net).

**0060/2060 English 10 - HEART Academy**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	10	No

Prerequisite: None

Content: (Same prerequisites and content as English 10; enrollment in HEART Academy required.)

**0102/2102 English 10H**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	9-12	Yes

Prerequisite: 3.0 or higher in prior coursework is recommended but not required.

Content: English 10-H serves the academically talented, highly motivated 10th grader who plans to enter the Advanced Placement English courses in 11th and 12th grades. The English 10 course content provides the core of this program, which will be enriched with exposure to more classical literature and intensified by a strong writing and reading program. Students also have exposure to the fundamentals of speech techniques and practice these methods in oral presentations.

**0065/2065 English 11**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	9-12	No

Prerequisite: None

Content: English 11 is a year-long course based on the study of American literature. This course is based upon the CA State-adopted Common Core State Standards. The course emphasizes the following: Writing, Reading, Informational Text and Literature, Speaking & Listening and the study of Language. For more information, please refer to [www.redlandsusd.net](http://www.redlandsusd.net).

**0101/2101 AP English Language and Composition**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	11	Yes

Prerequisite: Successful completion of English 10 H or English 10; total academic GPA of 3.0 or higher recommended but not required.

Content: Advanced Placement English Language and Composition is a full year college preparatory course which includes both the reading and analysis of varieties of discursive prose and the study of the process of writing from the discovery of the topic and the writing of the preliminary drafts to the final edited draft. Through such study and practice, students will gain an understanding of the principles of effective writing and become effective writers themselves. They learn to recognize and work with kinds and levels of diction, varieties of sentence structures, logical and functional relationships of sentences within paragraphs and of paragraphs within essays, modes of discourse (narration, description, analysis), aims of discourse (information, persuasion, and expression), various rhetorical strategies (the logical, emotional, and ethical appeals), appropriate relationships among author, audience, and subject. The course assumes a basic knowledge of the syntactic structures and semantic components of language. This course helps students to discover the rich resources of language and to claim them as their own. In addition to receiving Redlands High School English credit for this course, students may also qualify for college credit upon successful completion of the national test for Advanced Placement Language Composition.

**0075/2075 English 12 ERWC**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	12	No

Prerequisite: None

Content: As a means to increase college readiness, a California State University task force has developed the Expository Reading and Writing Course (ERWC), a full-year college preparatory English course for high school seniors. Course assignments, organized into 14 modules and based mainly on non-fiction texts, emphasize the in-depth study of expository, analytical, and argumentative reading and writing. The University of California has approved the ERWC for area "b" credit (from the "a-g" requirements), and the Course meets college preparatory requirements for both the UC and CSU. The ERWC aligns with the Common Core State Standards, addresses critical reading and writing problems identified by the CSU English Placement Test Committee, and prepares students to meet the expectations of college and university faculty.



**0100/2100 English Literature and Composition**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-B	5/10	12	Yes

**Prerequisite:** Successful completion of AP English Language or English 11; total academic GPA of 3.0 or higher recommended but not required.

**Content:** Advanced Placement Literature/Composition is a one-year course for seniors who have demonstrated superior skills in English. To enroll in the class a student must meet several requirements. Students will read extensively in the various literary genres: the novel, poetry, short stories and plays. The focus of the reading is on world literature with an awareness of cultural, ethnic and gender diversity. Students will continue to develop analytical and interpretive skills. In addition to essay writing, students will read and analyze literary criticism, learn and apply literary terminology, and become more effective literary critics themselves. In preparation for the AP test, specific testing techniques will be presented. Timed writings will take place on a regular basis. In addition to receiving Redlands High School English credit for this course, students may also qualify for college credit upon successful completion of the national test for Advanced Placement Language Composition.

**0096/2096 Contest Speech I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-G	20/40	9-12	No

**Prerequisite:** Audition

**Content:** This course is designed for the student who is interested in the competitive speech program. Class activities include participation in the speaking events available at the competitive level. (Debate, Persuasive Speaking, Expository Speaking, Extemporaneous Speaking, Group Discussion, Oral Interpretation of Literature). There is continued stress upon principles of organization, methods of support through argument and example, and appropriate language (word usage). The class represents Redlands High School at speech tournaments within the Citrus Belt Speech Region. Class may be repeated for a maximum of 20 credits.

**0097/2097 Contest Speech II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-G	20/40	9-12	No

Prerequisite: Contest Speech I

Content: This course is a continuation of Contest Speech I. There is an increased opportunity in preparation for tournaments. Students are prepared for public appearances to give programs for community organizations. Additional opportunities for contest speaking at Invitational Tournaments and increased competition in the Citrus Belt Speech Region and the National Forensic League are also offered to the students. Class may be repeated for a maximum of 20 credits.

**0080/2080 Screenwriting as Literature**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-G	5/10	10-12	No

Prerequisite: None

Content: In this semester long course students will be able to focus on an intensive writing, theory-based, advanced level course aimed at enriching the experience of aesthetic literature and storytelling concepts through the visual medium of film. The students will begin to understand film narrative by researching periods of major story evolutions with film history and looking at many of the films that defined those periods. Students will use creative writing techniques when writing dialogue and action as well as learning how to use Final Draft, an industry standard program, to help perfect the art form in a way acceptable to professional institutions. Students will also learn best practices and advanced techniques that can be used during the writing process, and once finished students will know how to improve and distribute their screenplays. This course addresses many of the core standards for both English and CTE. **This course is offered only as staffing and scheduling allows.**

**1637/36377 Newspaper Production**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-1	Yes-G	20/40	9-12	No

Prerequisite: Approval of instructor

Content: *The Hobachi* is a laboratory experience in practical journalistic writing such as that done by newspapers and news magazines. The course provides intensive practice in writing lengthy, expository prose from 500 to 2,500 words in news, features, editorials, or sports. Each article written requires a minimum of one

rough draft and sometimes two or three before the editors approve it for publication. The student should be aware that *The Hobachi*, sent all over the United States to high schools and workshops, has a readership of over 4,000. This course can be repeated for credit.

# ENGLISH LANGUAGE DEVELOPMENT COURSES

**0760/2760      ELD I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	9-12	No

Prerequisite:    None

Content:            ELD I is the beginning English Language Development class for students whose primary language is other than English and have scored at level 1 on the California English Language Development Test. The focus for ELD I students is aural/oral language development along with building vocabulary and basic reading and writing skills. Computers in the adjoining classroom are utilized by students to create written projects and utilize the *Rosetta Stone* language program. Students attend ELD I class two hours a day.

**0761/2761      ELD II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	9-12	No

Prerequisite:    None

Content:            ELD II is the ELD class for early intermediate English Learner students who score at level 2 on the CELDT. Students continue to develop aural/oral skills and complete more reading and writing activities. Levels I and II of the *Rosetta Stone* Language program are accessed in the adjoining classroom ELL computer lab. California ELD and ELA standards are covered as students begin to prepare for the CAHSEE. Students attend ELD II classes two hours a day.

**0760/2762 ELD III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	9-12	No

Prerequisite: None

Content: ELD III is the intermediate level ELD class for students who score at level 3 of the CELDT. Students continue to focus on aural/oral skills but there is a greater focus on academic reading and writing skills. The curriculum covers English Language Development and English Language Arts standards as outlined in the ELD Scope and Sequence to prepare students for the California High School Exit Exam.

## **MATHEMATICS COURSES**

**0424 Consumer Math I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	No	5/5	12	No

Prerequisite: Limited to 12<sup>th</sup> grade only.

Content: Topics include estimation, jobs recreation, sports, consumer purchases, checking and savings accounts and credit.

**2424 Consumer Math I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	No	5/5	12	No

Prerequisite: Passing Grade in Consumer Math I.

Content: Topics include automotive expenses, transportation, taxes, housing, personal finance, investments, and an introduction to probability.

**0427/2427 Integrated Math I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	No

Prerequisite: None

Content: Integrated Mathematics I is the first course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics I 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. This course focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane.

**0340/2340 Integrated Math I H**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	10	9-10	Yes

Prerequisite: 3.0 or higher in prior core coursework recommended but not required.

Content: An enriched version of Integrated Mathematics I which is the first course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics I 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. This course focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane.

**0427CS/2427CS Integrated Math I with Computing - C/STEM**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9	Yes

**Prerequisite:** 9th Grade Only; recommended to be concurrently enrolled in Computer Science CP

**Content:** The course guides students through topics in Integrated Mathematics 1 in Common Core State Standards for Mathematics while simultaneously teaching students programming and computational thinking. Students use programming in C/C++ interpreter Ch to reinforce and extend their knowledge of mathematical concepts by analyzing real life situations, identifying given information, formulating steps that a computer program could calculate to find a solution, analyzing the results for accuracy, and revising/modifying the programming solutions as necessary. Topics covered include solving one-variable equations with multiple steps, solving and plotting absolute value equations and inequalities, linear equations, systems of linear equations and inequalities, exponential functions, statistical data analysis and visualization, arithmetic and geometric sequences, and geometric transformations, including translations, rotations, and reflections, and geometric construction. Group computing projects allow students to collaborate on critical thinking activities based on mathematics topics while developing their teamwork and communication skills.

**0455CS/2455CS Integrated Math II with Computing and Robotics - C/STEM**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	10	Yes

**Prerequisite:** 10th Grade Only; recommended to be concurrently enrolled in Computer Science CP if not already taken.

**Content:** The course guides students through topics in Integrated Mathematics 1 in Common Core State Standards for Mathematics while simultaneously teaching students programming and computational thinking. Students use programming in C/C++ interpreter Ch to reinforce and extend their knowledge of mathematical concepts by analyzing real life situations, identifying given information, formulating steps that a computer program could calculate to find a solution, analyzing the results for accuracy, and revising/modifying the programming solutions as necessary. Topics covered include solving one-variable equations with multiple steps, solving and plotting absolute value equations and inequalities, linear equations, systems of linear equations and inequalities, exponential functions, statistical data analysis and visualization, arithmetic and geometric sequences, and geometric transformations, including translations, rotations, and reflections, and geometric construction. Robotics activities allow students to reenact physically derived mathematical problems through robotics technologies to visualize situations, associate linear and exponential graphs with physical phenomenon, predict and identify key features of the graphs with robotic systems, and solve robotics problems through mathematical modeling and programming.

**0432/2432 Compressed Integrated Math**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	10	No

**Prerequisite:** Any combination of Cs or Ds earned in Integrated Math I.

**Content:** Compressed Integrated Math is a yearlong course which is being proposed to help students develop a solid foundation with the fundamental concepts of Algebra. The 2-in-1 Compressed Integrated Math Course addresses the standards and conceptual category listed in the Algebra I and Algebra II Chapters of the Mathematics Framework. Through this course, students will further deepen their understanding of foundational elements of Algebra I concepts and use these enhanced skills to demonstrate competency with the Algebra II skills required for the higher-level mathematics of Integrated Math III, Integrated Math III, and Math Analysis. It has been specifically designed to address the need for stronger mathematics preparation for successful completion of high school and transition to college and career pathways. Based on the Common Core State Standards viewpoint that mathematics is a cohesive and connected body of work. The 2-in-1 Compressed Integrated Math course is structured to emphasize conceptual understanding and making connections with symbolic, verbal, and graphical representations, discussion and analysis of alternative representations and multiple perspectives for approaching and understanding. The 2-in-1 Compressed Math Course seamlessly interweaves the CCSS Mathematical Practices throughout the curriculum and develops key Habits of Mind and a mathematical disposition required for mastering abstract, advanced, challenging content knowledge/ Successful completion of this course meets the Integrated Math I requirement and allows students to enroll in Integrated Math II the following year.

**0455/2455 Integrated Math II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	No

**Prerequisite:** Successful completion of Integrated Math I or IH.

**Content:** Integrated Mathematics II is the second course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics II course is to formalize and extend the mathematics that students learned in Integrated Mathematics I. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics II content map. These include: Extending the Number System, Quadratic Functions and Modeling, Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Proof, and Circles With and Without Coordinates.

**0456/2456 Integrated Math II - HEART**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	10-12	No

**Prerequisite:** Successful completion of Integrated Math I or IH.

Content: See #0455 Integrated Mathematics II.

**0457/2457 Integrated Math II H**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	Yes

Prerequisite: 3.0 Academic GPA in prior coursework recommended, including Integrated Math IH OR a “B” grade or higher in Integrated Math I; successful completion of the Summer Bridge class if student took Integrated Math I.

Content: An enriched version of Integrated Mathematics II which is the second course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics II course is to formalize and extend the mathematics that students learned in Integrated Mathematics I. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics II content map and two units from the Mathematics III content map. These include: Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Proof, and Circles with and Without Coordinates, Inferences and Conclusions from Data, Polynomial Relationships, Rational and Radical Relationships, and Radians and the Unit Circle.

**0465/2465 Integrated Math III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	No

Prerequisite: Successful completion of Integrated Math II.

Content: Integrated Mathematics III is the third course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics III course is to formalize and extend the mathematics that students learned in Integrated Mathematics I and Integrated Mathematics II. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, Trigonometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics III content map. These include: Inferences and Conclusions from Data, Polynomial Relationships, Rational and Radical Relationships, Trigonometry of General Triangles and Trigonometric Functions, Mathematical Modeling of Inverse, Logarithmic, and Trigonometric Functions, AND Mathematical Modeling and Choosing a Model.

**0467/2467 Integrated Math III H**



College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	Yes

**Prerequisite:** 3.0 Academic GPA in prior coursework recommended, including Integrated Math IIB OR a “B” grade or higher in Integrated Math II; successful completion of the Summer Bridge class if student took Integrated II.

**Content:** Integrated Mathematics III H is the third course of a three-course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics III H course is to formalize and extend the mathematics that students learned in Integrated Mathematics I and Integrated Mathematics II. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, Trigonometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics III content map. These include: Inferences and Conclusions from Data, Polynomial Relationships, Rational and Radical Relationships, Trigonometry of General Triangles and Trigonometric Functions, Mathematical Modeling of Inverse, Logarithmic, and Trigonometric Functions, AND Mathematical Modeling and Choosing a Model. The CCSS IP Honors Supplement for Math I, Math II, and Math III, introduces and explores in more depth the concepts of: Matrices and Vectors, Probability Distributions, Using Matrices to Solve Systems of Equations, Complex Numbers, Conic Sections, Cavalieri’s Principle, Rational Functions, Building Functions, and Trigonometry.

**0345/2345 Math 12 MRWC - Mathematical Reasoning with Connections**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	12	No

**Prerequisite:** Grade of D or better in Integrated Math III or Algebra 2.

**Content:** The MRWC course is designed as a 4th year mathematics course that will prepare students for college-level mathematics, including pre-calculus, calculus, and other quantitative reasoning courses. The MRWC curriculum includes standards listed in the Precalculus Chapter of the Mathematics Framework and combines concepts of trigonometry, geometry, and algebra that lead to the study of calculus in a way that is substantively different from the traditional curriculum. The prerequisite for MRWC is a minimum grade of C in Integrated Math III /Algebra 2.

The MRWC curriculum has been developed by a consortium of mathematics professors and math educators from CSU, UC, and CCC higher education systems, together with mathematics specialists from County Offices of Education and local school districts. It has been specifically designed to address the need for stronger mathematics preparation for transitioning from high school to college and career pathways.

Based on the Common Core State Standards viewpoint that mathematics is a cohesive and connected body of work, the MRWC is structured to highlight conceptual connections in the more advanced study of topics leading to calculus. Emphasis is given to conceptual understanding and making connections between numerical, symbolic, verbal, and graphical representations, discussion and analysis of alternative representations and multiple perspectives for approaching and understanding. The distinctiveness of MRWC lies in its unique design and topic sequencing, and in the emphasis on instructional delivery that promotes exploratory and collaborative student engagement. MRWC seamlessly interweaves the CCSS Mathematical Practices throughout the curriculum and develops key Habits of Mind and a mathematical disposition required for mastering advanced, challenging college-level content knowledge.

**0354/0355 AP Calculus AB or BC**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	Yes

Prerequisite: Successful completion of Math III H; see counselor for alternative prerequisites.

Content: This one-year course includes the study of limits, derivatives, definite and indefinite integrals. The course requires the use of the graphing calculator. Problems are presented so that calculus concepts become intuitively understood. Students are expected to take the AP Calculus exam.

**0360/2360 AP Statistics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	11-12	Yes

Prerequisite: Successful completion of Math III is recommended.

Content: This one-year course, AP Statistics, will follow the specific topics outlined in the AP syllabus. The field of statistics is defined as the science of collecting, organizing and summarizing data in such a way that valid conclusions can be drawn from them. Students are expected to take the AP Statistics Exam.

**0955/2955 AP Computer Science A**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-4	Yes-C	5/10	9-12	Yes

**Prerequisite:** Successful completion of Computer Science CP OR AP Computer Science Principles is highly recommended. It is also recommended, per the College Board, that students complete at least Math IH or Math II prior taking this course.

**Content:** AP Computer Science A is equivalent to a first-year college-level computer science course. AP Computer Science A is designed for the in-depth study of topics in computer science and software engineering, including problem analysis, algorithm design and implementation, data structures, and control structures. The course centers around the implementation of object-oriented programming (OOP) using the Java programming language. Advanced topics include implantation of recursion, searching algorithms, and sorting algorithms.

## **SCIENCE COURSES**

### **0634/2634 Earth Science**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	9-12	No

**Prerequisite:** None

**Content:** Earth Science is an interdisciplinary course that uses basic biology, chemistry, physics and mathematics to study the planet earth. Students learn about geology, astronomy, meteorology, and oceanography by participating in laboratory activities and class projects which are simulations of real-world problems. This course provides college-bound and non-college-bound students with the background to make sound environmental decisions.

### **0630/2630 Environmental Science**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	No

**Prerequisite:** Biology and/or Earth Science recommended.

**Content:** Environmental Science is a multi-disciplinary course based on current environmental issues. A thematic approach will be used to integrate ideas and concepts from various subject areas needed to understand and propose solutions to problems. Student-directed cooperative projects, with an emphasis on hands-on experiences will be used to teach the underlying concepts needed to understand the environmental relationships involved in the issues studied. Projects may involve worldwide, national, state, local, or school-wide issues.

**0663/2663 AP Environmental Science**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	11-12	Yes

Prerequisite: Successful completion of Biology and Chemistry is recommended but not required.

Content: The goal of the AP Environmental Science course is to provide you with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

**0635/2635 Biology**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	9-12	No

Prerequisite: None (3.0 academic GPA recommended for grade nine students.)

Content: This is a survey course of living organisms and biological processes with correlated laboratory experiments and demonstrations. This class meets UC A-G pattern classes as a lab science

**0636/2636 Biology H**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	9-12	Yes

Prerequisite: 3.0 or higher in prior core coursework is recommended.

Content: An enriched version of the survey course that studies living organisms and biological processes with correlated laboratory experiments and demonstrations. This class meets UC A-G pattern classes as a lab science.

**0635/2635 Biology - HEART ACADEMY**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	No

(Same prerequisites and content as Biology #0626; HEART Academy enrollment required.)

**0646/2646 AP Biology**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	Yes

Prerequisite: Successful completion of Biology/Biology H and Chemistry is recommended; an academic GPA of 3.0 or higher is recommended but not required.

Content: AP Biology is a second-year advanced course in biology. The curriculum emphasizes detailed study of concepts and curricular areas introduced in prerequisite courses. The detailed study also includes enhanced and complex laboratory experiences utilizing current technology and techniques. Students are expected to take the Advanced Placement exam in Biology.

**0640/2640 Anatomy & Physiology**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	11-12	No

Prerequisite: One year of Biology or Chemistry with a grade of "C" or better is recommended but not required.

Content: A detailed study of the structures, functions and mechanisms of the human body's major systems, i.e.-integumentary skeletal, muscular, nervous, endocrine, circulatory, respiratory, digestive, urinary, and reproductive. Laboratory work and research work will be emphasized. This course is intended and recommended for the college-bound student.

**0637/2637 Chemistry**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	No

Prerequisite: Enrollment Integrated Math II or higher math course is recommended but not required.

Content: A mathematical study of the basic laws and theories of chemical and physical change. The course includes the concept of the mole, bonding theory, chemical energy, gas laws, acid-base theory, oxidation-reduction, modern atomic theory and study of simple organic molecules. Laboratory work will be correlated to course content and students will learn basic laboratory skills and techniques needed to do experimentation. Recommended for college-bound students.

**0639/2639 Chemistry H**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	Yes

Prerequisite: An "A" in Biology 9 (or an "A" or "B" in Biology 9H), and concurrent enrollment in Math II H or higher is recommended but not required.

Content: A more in-depth study of the mathematical study of the basic laws and theories of chemical and physical change. The course includes the concept of the mole, bonding theory, chemical energy, gas laws, acid-base theory, oxidation-reduction, modern atomic theory and study of simple organic molecules. Laboratory work will be correlated to course content and students will learn basic laboratory skills and techniques needed to do experimentation. Recommended for college-bound students.

**0647/2647 Chemistry - HEART ACADEMY**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	No

(Same prerequisites and content as Chemistry #0637; HEART Academy enrollment required.)

**0645/2645 AP Chemistry**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	Yes

**Prerequisite:** Successful completion of Biology/Biology H and Chemistry/H; an academic GPA of 3.0 or higher is recommended but not required.

**Content:** This course is a second-year advanced course in chemistry equivalent to a first-year college or AP chemistry course covering the basic laws and theories of Chemistry including thermodynamics. This course will emphasize chemical calculations and analytical analysis of laboratory experiments. Recommended for college-bound students entering the area of science, math and engineering. Students are expected to take the advanced placement exam in Chemistry.

**0641/2641 Physics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	No

**Prerequisite:** Concurrent enrollment in Integrated Math II or the equivalent.

**Content:** Physics provides a survey of mechanics, optics, electromagnetism and atomic physics in a manner appropriate to a student taking physics for the first time. This course will concentrate on the major concepts of physics in order to develop an intuitive understanding of the physical world. The course emphasizes laboratory experience and practical uses of physics. The course fulfills the UC and Cal State requirement for a physical lab science.

**0642/2642 Physics E**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	11-12	Yes

**Prerequisite:** Concurrent enrollment in Math III recommended.

**Content:** This course is an in-depth study of mechanics and electromagnetic theory. This course will use a calculus-based approach to problem solving and experiments correlated to the course of study.

**0669/2669 AP Physics C: Mechanics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	11-12	Yes

Prerequisite: AP Physics 1 or Physics E and concurrent enrollment in Calculus.

Content: AP Physics C is equivalent to a first-year college physics course and is designed to prepare students for the AP Physics C Mechanics test. The course follows the syllabus for that examination and students passing the exam may receive college credit depending on the university and major they pick. Differential and integral calculus will be used throughout the course and students must be concurrently enrolled in calculus while taking the course. It is also recommended that students take a first-year physics class prior to starting this course.

**0956/2956 AP Computer Science Principles**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-3	Yes-D	5/10	10-12	Yes

Prerequisite: AP Computer Science CP is recommended.

Content: AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.



# SOCIAL STUDIES COURSES

## **0179/2179      World History & Geography**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/10	9-12	No

Prerequisite:    None

Content:        This course will provide a study of man's development from the Age of Enlightenment to the contemporary world with emphasis on the causes and consequences of World Wars I and II. Included will be area studies of China, Africa, Middle East, and Latin America.

## **0189/2189      AP European History**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/10	10-12	Yes

Prerequisite:    3.0 GPA or higher in prior academic coursework is recommended but not required.

Content:        The emphasis of the course is on a chronological study of European political, economic, intellectual, cultural, social and diplomatic history from 1450 to the present. The student is expected to do college-level work including research papers. Successful completion of this course satisfies requirements for high school graduation. Students are expected to take the College Board Exams in May to earn college credit.

## **0182/2182      US History**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/10	11-12	No

Prerequisite:    None

Content:        This course is a survey of U.S. History from Colonial period to the present with emphasis on the Twentieth Century. Throughout the course, teachers use methods which enhance critical thinking and geography skills and emphasize a multicultural approach to the study of U.S. History. Requirements first semester include a U.S. map test which students must pass with a 70% grade.

**0188/2188 AP US History**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/10	11-12	Yes

Prerequisite: A total academic GPA of a 3.0 or higher is recommended but not required.

Content: This course is designed as a chronological study of political, economic, intellectual, cultural, social and diplomatic United States history from 1492 to the present. The student is expected to do college-level work including research papers. Successful completion of this course satisfies requirements for high school graduation. Students are expected to take the College Board Exam in May to earn possible college credit.

**0196 American Government**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/5	12	No

Prerequisite: None

Content: This is a one-semester, five-unit course of study. Students are introduced to the origins and background of the American Government. Included in the course content are units of study that include the political process, American governmental institutions, civil rights and responsibilities, and the structure and functioning of state and local government.

**0201/2201 AP US Government and Politics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-A	5/5	12	Yes

Prerequisite: A total academic GPA of a 3.0 or higher is recommended but not required.

Content: This is a one-semester course offered in the fall designed to provide students with a critical perspective of government and politics in the United States. The course will involve the study of concepts used to interpret American politics and the analysis of specific case studies. Students are expected to enroll in the one-semester AP Economics course. Successful completion of the course meets the requirements for high school graduation. Students are expected to take the College Board Exam in May to earn possible college credit.

**0198 Economics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-G	5/5	12	No

Prerequisite: None

Content: Economics is a one-semester, five-unit course of study which introduces the students to the need for effective decision making. Microeconomic and macroeconomic units are studied, and students will use tools of analysis to understand economic concepts and relationships. Throughout the course, contemporary and global economic issues are incorporated into the curriculum.

**0202 AP Macroeconomics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-G	5/5	12	Yes

Prerequisite: A total academic GPA of a 3.0 or higher is recommended but not required.

Content: This is a one-semester course offered in the spring designed to provide students with a sound understanding of basic economic concepts and theory. Among the topics covered are scarcity and allocation of resources, economic systems, supply and demand analysis, theory of the firm, market structure and performance, and cost/benefit analysis. Students enrolled in this course are also expected to enroll in the AP American Government and Politics course. Successful completion of this course meets requirements for high school graduation. Students are encouraged to take the College Board Exam in May to receive possible college credit.

**0200 AP Microeconomics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/5	12	Yes

Prerequisite: A total academic GPA of a 3.0 or higher is recommended but not required

**Content:** This is a one-semester course offered in the spring designed to provide students with a sound understanding of basic economic concepts and theory. Among the topics covered are scarcity and allocation of resources, economic systems, supply and demand analysis, theory of the firm, market structure and performance, and cost/benefit analysis. Students enrolled in this course are also expected to enroll in the AP American Government and Politics course. Successful completion of this course meets requirements for high school graduation. Students are expected to take the College Board Exam in May to receive possible college credit. **Will be offered as a 0 or 7 period course.**

**0213/2213 AP Art History**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-2	Yes-F	5/10	11-12	Yes

**Prerequisite:** 3.0 Academic GPA recommended but not required.

**Content:** AP Art History attempts to provide a broad overview of the history of art, primarily Western art because of time constraints, beginning with prehistoric art and ending with art of the 20<sup>th</sup> century. It is intended to provide for students a familiarity with the development of art, its major movements and figures, and its relationship to the historical period in which it was created, and to make their encounters with art, whether historical or contemporary, more meaningful, comprehensible, and pleasurable. The course curriculum follows that provided by most college survey texts and that outlined in the AP Course Description for Art. No prior experience in art is necessary. Successful completion of this course meets the A-G requirements for the UC system in fine arts. In addition to receiving Redlands High School credit for this course, students may also qualify for college credit upon successful completion of the national test for Advanced Placement Art History.

**0212/2212 AP Psychology**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/10	11-12	Yes

**Prerequisite:** A total academic GPA of a 3.0 or higher is recommended but not required.

**Content:** This is a one-year course elective designed to introduce students to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. Students should develop some basic concepts of psychology and an historical perspective on psychology as the study of individual behavior. Students are encouraged to take the College Board Exam in May to earn possible college credit.

**0171/2171 AP Human Geography**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-A	5/10	9-12	Yes

Prerequisite: A total academic GPA of a 3.0 or higher is recommended but not required.

Content: This is a year-long course designed to meet the requirements of a semester-long introductory human geography course at the college level. Human Geography is the study of interactions between people of different cultures and ethnicities and how they contribute to the ever-changing cultural landscape on our planet. Through the analysis of specific case studies, the course will integrate concepts used to interpret geo-politics, economics, world health, population, language, religion, agricultural land use, urban development, sustainability and energy. Students will use GIS applications to demonstrate mastery, as well as contemporary applications of research and learning. Students are expected to take the College Board Exam in May to earn possible college credit.

**0210/2210 Ethnic Studies**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/10	10-12	No

Prerequisite: None

Content: This is a one-semester elective course in which students will focus on an in-depth study of American ethnic groups, including their history, culture, contributions, and current status in the United States. As a result of these studies, students should gain a deeper understanding of American society and its diverse ethnic composition and develop acceptance and respect for cultural diversity in our pluralistic society.

## **WORLD LANGUAGE COURSES**

**0866/2866 ASL I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-11	No

Prerequisite: Must have the function of at least one hand.

Content: American Sign Language skills are important in all customer service-related occupations, and the demand for interpreters is growing. In this class, students will learn the fundamentals of sign language while developing an understanding and appreciation for the Deaf Culture and Community. Students will learn basic signing techniques for the alphabet, numbers, and words. Students will practice dialog and will demonstrate basic comprehension skills through applications of conversation. Students will learn about interpreting as a career option and related certification requirements. Worksite learning is an optional component of this course and is available to eligible students. This course meets the a-g requirements for the first year of a foreign language.

**0861/2861 ASL II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	10-12	No

Prerequisite: Must have the function of at least one hand; successful completion of ASL I.

Content: American Sign Language (ASL) skills are important in all customer service-related occupations, and the demand for interpreters is growing. This course provides a second level of training for those who wish to extend their knowledge, skills and abilities in ASL and pursue a career as an interpreter. Students will increase fluency of ASL and be able to use it receptively and expressively by giving and understanding of directions, use of facial expression, body language and other special aspects of ASL conversation. The culture of the Deaf Community will be studied, and students will learn about interpreting as a career option, advanced training and certification requirements. Worksite learning is an optional component of this course and is available to eligible students. This course meets the a-g requirements for the second year of a foreign language.

**0860/2860 French I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-12	No

Prerequisite: A "B" average the previous year in English is recommended but not required.

Content: A basically functional approach to the French language. Proficiency is acquired through vocabulary, and grammatical structures. Audio and video tapes are utilized to perfect pronunciation and comprehension of everyday situations, as well as to create an appreciation of the cultural heritage.

**0870/2870 French II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	9-12	No

Prerequisite: Successful completion of French I (“C” average or better is recommended).

Content: French II provides the necessary skills (speaking, reading, writing and comprehension) to attain a moderate level of proficiency. Emphasis is placed on cultural differences and similarities by means of authentic documentation.

**0871/2871 French III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	10-12	No

Prerequisite: Successful completion of French II (“C” average or better is recommended).

Content: French III provides the necessary skills (speaking, reading, writing and comprehension) to attain a comfortable level of proficiency. Emphasis is placed on cultural diversity. In addition, the course introduces the history and literature of French-speaking nations.

**0885/2885 AP French Language and Culture**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	10-12	Yes

Prerequisite: Successful completion of French III.

Content: The AP French Language and Culture course provides students with opportunities to demonstrate their proficiency at the Intermediate to Pre-Advanced range in each of the three modes of communication described in the *ACTFL Performance Descriptors for Language Learners*. Students are expected to: Engage in spoken interpersonal communication; Engage in written interpersonal communication; Synthesize information from a variety of authentic audio, visual, and audiovisual resources; Synthesize information from a variety of authentic written and print resources; Plan, produce, and present spoken presentational communications; and Plan and produce written presentational communications. Students have the opportunity to take the AP French College Board exam in May. Availability based upon staff and course requests.

**0876/2876 Latin I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-12	No

Prerequisite: At least a "C" average in English is recommended but not required.

Content: Study of Latin grammar and vocabulary; reading of simple Latin stories that provide an introduction of Roman life and mythology; and an acquaintance with cultural resource material, recognizing the close relationship between English and Latin. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

**0877/2877 Latin II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	10-12	No

Prerequisite: A "C" or higher in Latin I is recommended.

Content: A review and a completion of basic grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of contemporary society. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

**0878/2878 Latin III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	11-12	No

Prerequisite: A "C" of higher in Latin II is recommended.

Content: A review of basic grammar and advanced grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of contemporary society. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.



**0880/2880 Latin IV**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	11-12	No

Prerequisite: A "C" of higher in Latin III is recommended.

Content: A review of advanced grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of contemporary society. Fourth quarter to include classical literature in translation for a unit in Logic and Ethics. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

**0845/2845 AP Latin**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	11-12	Yes

Prerequisite: Successful completion of Latin III and/or approval by instructor.

Content: The AP Latin course focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil's *Aeneid* and Caesar's *Gallic War*. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both works help place the Latin readings in a significant context. May not be offered every year due to low enrollment.

**0855/2855 Spanish for Native Speakers**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-12	No

Prerequisite: Students must be native Spanish speakers and be literate in Spanish.

Content: Spanish for Native Speakers is an elective course in which students whose first language is Spanish speak, read, and write in Spanish to develop and strengthen academic skills. It is designed for Spanish

speaking LEP students to develop conceptual/linguistic proficiency that strongly relates to the development of English literacy. Students will read a variety of literature in Spanish and respond to the readings through integrated listening, speaking, and writing activities. Spanish grammar, spelling, and punctuation will be covered, and students will learn study skills.

**0864/2864 Spanish I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-12	No

Prerequisite: At least a "B" average in English is recommended but not required.

Content: Students will be exposed to the four basic elements of foreign language study: listening, speaking, reading and writing. Oral participation and grammatical structure are stressed. Learning the culture of Spanish speaking peoples is part of the course.

**0888/2888 Spanish 2.1**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	9-12	No

Prerequisite: A minimum of a "C" in Spanish I is recommended.

Content: This is a carefully-paced course teaching all four communicative skills, listening, speaking, reading and writing, with communicative objectives provided for both new word sections and grammar. A strong, cultural strand provides richness and diversity into the Spanish-speaking world. This class fulfills the second-year requirements of a foreign language.

**0868/2868 Spanish II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	9-12	No

Prerequisite: Successful completion of Spanish I .

Content: The major emphasis of this college preparatory course is syntax and formation of verb tenses. The course will provide the necessary practice to attain an intermediate level of proficiency in the areas of

reading, writing, listening, and speaking in Spanish in a variety of verb tenses. This course examines cultures of Spanish-speaking countries and students have several opportunities to compare/contrast their culture with those studied.

**0882/2882 Spanish III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-E	5/10	9-12	No

Prerequisite: Successful completion of Spanish II.

Content: This course includes: 1) A thorough review of grammar with expanded vocabulary. 2) The introduction of short stories and literature for comprehension, discussion and creative writing. 3) Advanced communication activities that include skits, individual presentations, and free response.

**0885/2885 AP Spanish Language and Culture**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-E	5/10	9-12	Yes

Prerequisite: Successful completion of Spanish III, Native Speakers or approval by instructor.

Content: The course covers the equivalent of a third-year college course in advanced Spanish composition and conversation. It is intended for those who have chosen to develop their proficiency in Spanish without special emphasis on literature. Communicative skills are developed through directed essays, lab work and selected short stories and plays. It is expected that all those enrolled will challenge the Advanced Placement exam in early May.

# PHYSICAL EDUCATION COURSES

**0509/2509 CO-ED PE 9**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-6	No	5/10	9	No

Prerequisite: No prerequisite.

Content: Activities include: football, flag football, soccer, swimming, scuba, golf, hustle ball, volleyball, weight training, aerobics, lacrosse, volley tennis. All classes will include health related fitness instruction, practice and testing for improvement.

**0510/2510 CO-ED PE (10-12)**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-6	No	15/30	10-12	No

Prerequisite: No prerequisite.

Content: Activities include: soccer, swimming, scuba, golf, badminton, tennis, handball, hustle ball, volleyball, weight training, aerobics, black top hockey. All classes will include health related fitness instruction, practice and testing for improvement.

# VISUAL AND PERFORMING ARTS COURSES

**1312/3312 Art CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	9-12	No

Prerequisite: None

Course: Students will explore art fundamentals, which include the elements and principles of design, basic drawing and painting, and additional studio exercises. Students will also explore how art and the arts in their world connect to the past, and to other cultures. In addition to the curriculum typically offered. Art CP will also include an academic component in keeping with the guidelines required by UC and CSU. Students will be responsible for textbook work, homework, note taking, research, and written projects. Units of study will include subjective and objective assessments including comprehensive examinations, and a cumulative project portfolio requirement.

**1300/3300      Advanced Studio Art**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	10-12	No

Prerequisite: Art/Drawing/Sculpture/Ceramics CP, or teacher recommendation

Content: Advanced Studio Art, a year course, allows students to apply the basic art concepts to the creation of art projects using a variety of materials and techniques. Special emphasis is placed on drawing and painting: watercolor, mixed media-collage, ink, charcoal, painting, scratch board, life drawing, illustration and graphic art. Students are encouraged to interpret projects using their own creative expression with additional attention to the history of Art and the art of their own and diverse cultures. Students will work toward the development of their own personal art concentration and will prepare a portfolio of their work. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary.

**1317      Advanced Student Seminar**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	11-12	No

Prerequisite: Teacher Permission

Content: Advanced Student Seminar is available to students who have already completed a CP year-long course. It allows students to concentrate at an advanced level on a specific study of art (ex: sculpture, ceramics). Students who take this course must be extremely motivated and able to work independently. Students will create a contract with the teacher that details the expectations and goals for artistic growth. The amount of assignments will be based upon the depth and complexity of the contract. As the semester progresses, the teacher and student will collaborate to constantly examine student growth and artistic direction.

**1276/3276 AP Art - Drawing**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	10/20	10-12	Yes

Prerequisite: Successful completion of Adv. Studio Art and/or teacher approval.

Content: This course provides an in-depth study of techniques used in the creation of drawings, paintings, graphics and three-dimensional projects. Also included will be an in-depth study of individual creative concepts. Quality art work and proper modes of presentation will be expected. Grading criteria is based on College Board standards for studio art portfolios. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary. Course can be taken for 2-years for credit.

**1277/3277 AP 2D Art and Design**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	10/20	10-12	Yes

Prerequisite: Successful completion of Adv. Studio Art and/or teacher approval.

Content: The 2-D Design portfolio addresses two-dimensional design issues and involves decision making about how to use the elements and principles of art in an integrative way. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions. Students may choose to submit any or all the portfolios. Portfolios are evaluated based on standardized scoring descriptors aligned with skills and understanding developed in college foundation courses

**1278/3278 AP 3D Art and Design**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	10/20	10-12	Yes

Prerequisite: Successful completion of Adv. Studio Art and/or teacher approval.

Content: Explore sculptural issues and understand 3-D design principles as they relate to the integration of depth and space, volume and surface. Demonstrate mastery through any three-dimensional approach, such

as figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course.

**1316/3316 Sculpture CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	9-12	No

Prerequisite: None

Content: Sculpture CP is a one-year course where students will explore art fundamentals through sculptural techniques, which will include the elements of art and principles of design, basic construction and design, and additional studio exercises. Students will also explore how sculpture and the arts in their world connect to their past, and to their cultures. Sculptural assignments will be completed through the process of sketching, maquettes (small studies) and hands-on construction. Final sculpture will be completed with the intention of being shown at the end of the year exhibit. In addition to the curriculum typically offered in a sculpture class students will learn to discuss and appreciate art through the use of written critiques. These critiques will serve as study models for a larger paper, which will be completed at the end of the year. This course is aimed at fulfilling the most recent criterion of the University of California’s “F” requirement.

**1315/3315 Drawing CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	9-12	No

Prerequisite: None

Content: The course introduces the studio arts pertaining to drawing. The course will emphasize the basic elements of art. Various drawing and techniques will be introduced to the student. The student will have the opportunity to create works in various mediums. Students will also gain the ability to analyze and respond to various works, including their own. Furthermore, students will be introduced to numerous cultural and historical styles and motifs. Through critiques, students will display the ability to aesthetically value and appreciate works of art, as well as understand the relationship between art, culture, and history.

**1284/3284 Ceramics CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	10-12	No

Prerequisite: None

Content: This year-long ceramics course will explore art fundamentals through ceramics techniques, which will include the elements and principles of design, basic construction and design and additional studio exercises. Students will also explore how ceramics and the arts in their world connect to their past, and to their culture. In addition to the curriculum typically offered in Beginning Ceramics and Advanced Ceramics, Ceramics C/P will also include academic content in keeping with the guidelines required by UC and CSU. Students will be responsible for textbook work, homework, note taking, research and written projects. Units of study will include subjective and objective assessment including comprehensive examinations, and a cumulative project portfolio requirement.

**1283/3283 Advanced Ceramics**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	15/30	10-12	No

Prerequisite: Sculpture/Drawing/Art/Ceramics CP or Teacher recommendation

Content: This course includes advanced ideas and techniques in both hand and wheel construction, utilization of all construction methods introduced in Ceramics I (i.e., assemblage, appliqué, coil, sculptural form, slab form and glaze formation). During the first semester emphasis is placed on the potter's wheel. Experimentation with glaze composition and clay make-up is taught. During the second semester previous hand construction methods will be emphasized. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary. This course may be taken 4-semesters for credit.

**1550/3550 Varsity Chorus**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5	No	20/40	9-12	No

Prerequisite: None



**Content:** This course, open to tenor/bass voicings grades 9-12, includes development of good vocal habits, the study of both sacred and secular traditional classical/pop music, and the development of the ability to read and interpret music. Participation in concerts given for school and community groups and choral festivals is required. This course meets the graduation requirement for Visual/Performing Arts, however it DOES NOT meet the “F” requirement for entry into the UC/CSU systems.

**1553/3553 Cantare Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5	No	20/40	9-12	No

**Prerequisite:** None

**Content:** This course, open to soprano/alto voicings grades 9-12, includes development of good vocal habits, the study of both sacred and secular traditional classical/pop music, and the development of the ability to read and interpret music. Participation in concerts given for school and community groups and choral festivals is required. This course meets the graduation requirement for Visual/Performing Arts, however it DOES NOT meet the “F” requirement for entry into the UC/CSU systems.

**1549/3549 Les Chanteuses Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	20/40	9-12	No

**Prerequisite:** Selection by audition.

**Content:** The course is open to soprano/alto voicings grades 9-12, includes development of good vocal habits, the study of both sacred and secular music, and the development of the ability to read and interpret music. The use of a staged pop show choir set will enhance the study of popular music. Participation is required in concerts, festivals and show-choir competitions for school and community groups.

**1530/3530 Chamber Singers**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	20/40	9-12	No

**Prerequisite:** Selection by audition.

**Content:** The course, open to soprano/alto/tenor/bass voicings grades 11-12 only, includes development of good vocal habits, the study of sacred/secular and traditional-classical pop music, and the development of the ability to read and interpret music. Participation is required in concerts, choral festivals, and competitions for school and community groups.

**1536/3536 Symphonic Band**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	20/40	9-12	No

**Prerequisite:** An interest in instrument music and knowledge of instrumental techniques.

**Content:** A non-auditioned band open to all students who play woodwind, brass or percussion. Symphonic band encourages the intermediate student to continue improving in the musical areas of sight reading, intonation and note identification. Symphonic band plays band literature of level C and B ability. The symphonic band travels and performs at area band festivals during the second semester.

**1535/3535 Wind Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	15/30	10-12	No

**Prerequisite:** Selection by audition from members of the band.

**Content:** A small, select group of serious students of wind and percussion instruments, fully instrumented and individually independent, study and perform the best class A and class AA literature available for wind band. This group performs many concerts as well as being involved in festivals. Enrollment is approximately 45 students.

**1537/3537 String Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	20/40	9-12	No

**Prerequisite:** Selection by audition.

Content: String Ensemble is a year-long course which will provide the string student (violin, viola, cello, bass) an opportunity to perform various styles of music within each musical period: Romantic, Classical, Contemporary. This course will also teach the student proper playing technique and performance practice.

**1552/3552 Advanced String Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	20/40	9-12	No

Prerequisite: Selection by audition.

Content: Advanced String Ensemble is a year-long course which will provide the string student (violin, viola, cello, bass) an opportunity to perform various styles of music within each musical period: Romantic, Classical, Contemporary. This course will also teach the student proper playing technique and performance practice; it provides a deeper understanding of the concepts learned in the String Ensemble course.

**1539 Marching Band**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5/6/7	No	5/20	9-12	No

Prerequisite: Open to all students. Selection by director.

Content: The R.H.S. Terrier Marching Band is composed of woodwind, brass and percussion participants of the music program as well as color guard members (flags and rifles) selected by audition in the prior spring. It functions primarily in the fall by representing the Music Department and the school in half-time shows for home football games and in selected competitive events. Upon successful completion of this course, students will earn five credits of PE.

**3538 Jazz Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/20	9-12	No

Prerequisite: Selection by audition from members of the band program or by permission of the instructor.

Content: A select group of 18-23 students dedicated to the study and performance of representative jazz literature from the 1940's through the 1970's.

**1566/3566 Piano CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	11-12	No

Prerequisite: None.

Content: In this introductory piano course students study the elements of music (melody, harmony, rhythm, and form) and how they are used to create style. Students will be introduced to different genres of music for the piano including classical, Jazz, and Popular music; and learn to identify musical elements unique to those styles. They will also study the historical period in which the genre was developed, as well as the roles of musicians in those periods. In addition, students will prepare rhythmic exercises and complete lessons in music theory. Emphasis is placed on learning and appropriately using musical terminology, reading music, sight reading, and developing musicianship in both solo and ensemble playing. Students will be required to participate in in-class performances and in two final recitals, one midway through the year, and another at the end of the year. Designed to present an overview of the musical principles and theories as they relate to piano, and to develop the student's technical skills as they relate to the instrument.

**1542 Piano 1**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5/7	No	5/5	10-12	No

Prerequisite: None

Content: The Piano I course is designed to introduce the fundamentals of the piano keyboard to students. Piano I teaches keyboard technique and music reading. Weekly performance tests are administered to evaluate each student's progress in the class.

**1564/3564 Theater Arts CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	5/10	9-12	No

Prerequisite: None

Content: Theater Arts is a first-year college prep course that introduces the student to basic theater concepts including acting, directing, play production, dramatic criticism, improvisation, and ensemble techniques. The first semester provides an overview and builds a foundation. The second semester builds on the first and concentrates on developing skills and techniques. Emphasis is placed, in the second semester, on acting and creating characterization through the study of vocalization and physicalization. This is a performance-based course. Participation in an end of the year production is mandatory.

**1544/3544 Drama II - Directing**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	15/30	10-12	No

Prerequisite: Successful completion of Theater CP with an A or B and instructor approval.

Content: This one semester course builds on the foundations established in Drama I. The curriculum includes developing directing techniques. Emphasis will be placed on staging, composition, rhythm and production organizational skills. Students will direct two projects for presentation at an evening performance.

**1547/3547 Drama III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5	Yes-F	15/30	10-12	No

Prerequisite: Instructor approval/audition.

Content: Building on the skills learned in Drama I and Drama II - Advanced Acting, the student will expand dramatic performance skills in this one semester course. Drama III will select from acting styles and historical influences from Greek/Roman Era through to the 20th Century.

**1562/3562 Advanced Production Ensemble**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	15/30	10-12	No

Prerequisite: Successful completion of Drama II. Audition is required for actors and portfolio presentations required for technicians.

Content: The curriculum includes ensemble techniques, advanced acting and performance, directing and play production. Emphasis will be placed on developing production skills. Students will present a fall production and a spring production as well as developing improvisation techniques for a road show. Positions are available for actors, directors, and technicians. Can be repeated for credit

## CAREER TECHNICAL EDUCATION COURSES

### 1419/3419    **Advanced Manufacturing I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	9-11	No

Prerequisite:    None

Content:    Advanced Manufacturing I is designed to prepare students for employment in the manufacturing industry. Students will engage in interdisciplinary learning of Science, Technology, Engineering, Art, and Math through a hands-on, project-based approach. Students will receive introductory-level exploratory instruction on topics including proper use of hand tools, machinery tools, print reading, robotics, pneumatics, electrical control, basic concepts of mechanical and electrical engineering, designing and creating models using a CNC machine and Computer-Aided Design (CAD), and real-world applications of classroom concepts. Depth of knowledge will be demonstrated through a series of projects starting with research and initial design and culminating with the completion of a build project that is geared toward solving real-world problems. Activities in this course include work-based learning that connects students to industry and the local community. Advanced Manufacturing 1 has been UC a-g approved to meet the elective “g” requirement and is articulated for college credit.

### 1491/3491    **Advanced Manufacturing II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	10-12	No

Prerequisite:    Passage of Adv. Manufacturing I with a ‘C’ grade or better.

Content:    Advanced Manufacturing II is designed to prepare students for employment in the manufacturing industry. Students will engage in interdisciplinary learning of Science, Technology, Engineering, Art, and Math (STEAM) through a hands-on, project-based approach. Students will receive advanced-level exploratory instruction and guidance on topics including proper use of machinery tools, foundation in applied physics, basic concepts behind drivetrain systems, pneumatics, and actuators, designing and creating models using a laser cutter and CNC machine, analyzing design tools and simulations on created Computer-Aided Design

(CAD), implementation of Introduction and advanced STEAM concepts through real-world applications of classroom concepts. Acquiring knowledge will be demonstrated through a series of projects starting with research and initial design and culminating with the completion of a build project that is focused on solving real-world problems. Activities in this course include work-based learning that connects students to industry and the local community. Advanced Manufacturing 2 has been UC a-g approved to meet the elective “g” requirement and is articulated for college credit.

**1465/3465 Automotive General Service Technician**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5/7	No	5/10	9-11	No

Prerequisite: None

Content: Auto General Service Tech I prepares students for employment where a broad skill set, and general understanding of all automotive systems are required. Students will identify common tools and equipment, know a variety of sources of service information, and perform basic vehicle service and maintenance related to engine performance, transmissions, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, and customer service procedures at an introductory level. There is an emphasis on safety in the workplace related to use of protective eye wear/clothing, general lab procedures, use of equipment, and ventilation. Successful demonstration of Automotive General Service Technician competencies will assist students with National Automotive Technicians Education Foundation (NATEF) certification. Activities in this course include work-based learning that connects students to industry and the local community. A student must successfully complete at least two years of this program as part of the minimum requirements for articulation.

**1466/3466 Advanced Automotive General Service Technician**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-5/7	No	15/30	10-12	No

Prerequisite: Automotive General Service Technician.

Content: Advanced Auto General Service Tech prepares students for employment where a broad skill set, and general understanding of all automotive systems are required. Students will identify common tools and equipment, know a variety of sources of service information, and perform basic vehicle service and maintenance related to engine performance, transmissions, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, and customer service procedures at an advanced level. There is an emphasis on safety in the workplace related to use of protective eye wear/clothing, general lab procedures, use of equipment, and ventilation. Successful demonstration of Automotive General Service Technician competencies will assist students with National Automotive Technicians Education Foundation (NATEF) certification. Activities

in this course include work-based learning that connects students to industry and the local community. A student must successfully complete at least two years of this program as part of the minimum requirements for articulation for college credit.

**1352/3352 Careers in Education and Public Service**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	10/20	11-12	No

Prerequisite: None

Content: This is a year-long elective course designed to introduce students to principles of effective teaching, classroom management, academic intervention, school governance, and employability, interpersonal, and leadership skills, while allowing students to explore career opportunities. Students participate in work-based learning at local elementary schools and prepare for careers in education and public service.

**1350/3350 College and Career Foundations**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/10	9	No

Prerequisite: None

Content: College and Career Foundations is a year-long course designed to help students learn and practice valuable skills to help them to be career and college ready. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches, research assignments, online portfolio, and a research paper. Students will identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing skills, learn goal setting, solidify research techniques, and write a research paper utilizing correct MLA format. AVID strategies are interwoven throughout the units of study. As an additional support, classes should access the librarian-teacher and college-career teacher regularly.

**1174/3174 Foods**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	9-11	No



Prerequisite: None

Content: This year-long course gives students a hands-on education in the basic principles of nutrition, essential food storage, sanitation, safe food handling, and techniques and procedures related to meal planning. In addition to preparing and planning meals, students will discover food preparation techniques, etiquette, and traditions from different cultures. Students will learn how to develop their leadership skills as they work independently and in cooperative groups. Finally, students will identify pre-professional associations and careers related to the Hospitality, Tourism, and Recreational Industry.

**1171/3171 Advanced Foods**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	10/20	10-12	No

Prerequisite: Foods

Content: The creative study of foods with experiences to include regional cooking in the United States, gourmet cooking with herbs and spices, international foods, and special foods for entertaining groups. Includes planning in food management, cooking from "scratch", and shopping for food. This is a fee class; fees are charged for student projects taken home and kept by the student.

**0964/2964 Multimedia Design CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-F	5/10	9-12	No

Prerequisite: None

Content: This one-year introductory level multimedia course uses an integrated/correlated curriculum and has a balanced emphasis on the standards. Students express themselves both creatively and visually. They learn the art elements as a basic language of art and begin to learn basic art techniques through digital applications like The Gimp. The purpose is to enable students to understand and appreciate artistic expression through multimedia, and to talk and write with discrimination about the media studied. The goal is to educate students in the art, craft, and technology of multimedia including image manipulation and web site design. The second semester is focused on video production and animation. Students learn a variety of techniques and media applications including animation, non-linear digital video editing. The class offers intensive hands-on production through project-based assignments. The course strives to nurture individual talent and skills, and encourage students to become creative, and thoughtful practitioners in the world of computer media.

**0962/2962      Advanced Multimedia Design**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-F	15/30	10-12	No

Prerequisite:    “A” or “B” in Multimedia Design CP, 2.0 GPA, & approval of instructor.

Content:        The course consists of a collection of students working together in small groups to complete cross-curricular year-long school, and semester-long group and individual media projects. The course uses an integrated/correlated curriculum emphasizing the standards. This is an advanced level full year multimedia course focused on multimedia production. Students express themselves both creatively and visually based on research and development of artistic skills and techniques. Students create artistic projects that express their ideas, feelings and interpretations of visual, personal and aesthetic experiences.

**0952/2952      Computer Science CP**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/10	9-12	No

Prerequisite:    None

Content:        Computer Science CP is an introduction to computer science and computational thinking for all students interested in developing web sites and software applications, not just using them. Through a project-oriented approach, students will learn the fundamental concepts and tools for developing websites using HTML (the language used to structure web pages and online content) and CSS (the language used to give a website its form and visual style). Students will also explore a variety of programming systems and languages, employing both procedural computer programming and the basics of object-oriented programming to create interactive applications and systems. By collaborating in a hands-on environment, students will learn problem solving, software design, debugging strategies, and the foundations of computer science (input, processing, output, simple and complex functions, decision structures, Boolean logic, algorithms, exception handling and persistence of data). Students will work on projects (both individual and team) using open-source software tools such as Alice, Scratch, and Python. Students who successfully complete this course will be prepared to enter AP Computer Science which focuses on the complexities in object-oriented design using JAVA.

**1475/3475 The Art of Animation**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-F	5/10	9-12	No

Prerequisite: None

Content: This comprehensive program introduces students to animation through theory and hands-on training in art fundamentals, drawing, cartooning, and animation basics. It also includes an introduction to computer graphics imaging. Students will study art theory, composition, color, spatial concepts, rendering and animation, using creativity and imagination to convey ideas and tell a story. Integrated throughout Art of Animation are career technical education standards which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork, and technical knowledge. Activities in this course include work-based learning that connects students to industry and the local community.

**1481/3481 The Art of Animation 2**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-F	5/10	9-12	No

Prerequisite: The Art of Animation

Content: The Art of Animation 2 is an all-inclusive animation production experience allowing students to gain more in-depth knowledge of the animation process through the production of animated films. Students in The Art of Animation 2 will actively perform as a member of an animation production team to develop an industry-standard animated film. The production team will collaborate to produce short stories, scripts, and storyboards, develop audio tracks, special effects, and character and background animations. Students will explore industry practices for promoting animated films then develop a marketing strategy to promote their animated film.

## **MEDICAL COURSES (ROP)**

**1429/3429 ROP Medical Asst Clinical I**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	10	No

**Prerequisite:** Application and acceptance into Heart Academy (2nd semester of 9th grade)

**Content:** Prepares students for employment in a variety of medical office environments including optometric, chiropractic, hospitals, or doctors’ offices. Students learn basic terminology, anatomy and physiology, patient interaction, appointment control, filing, bookkeeping, preparation of correspondence, computer applications, and an overview of insurance claims coding/processing. Completion of the Medical Terminology course is required to receive ROP Certification.

**1463/3463 ROP Medical Asst Clinical II**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	11	No

**Prerequisite:** ROP Medical Assistant Clinical I

**Content:** Medical Assistant Clinical 2 is designed to teach students back office skills required for an 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.

**1470/3470 ROP Medical Asst Clinical 3**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-5/7	Yes-G	5/10	12	No

**Prerequisite:** ROP Medical Assistant Clinical II

**Content:** 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.

# AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS

## AFJROTC COURSES

### AFJROTC AEROSPACE SCIENCE

**Principles of Management:** To enhance classroom learning, students participate in extracurricular and social activities such as field trips, drill teams, color guards, community parades, static model building, military balls, sports competitions, and academic challenges.

**AFJROTC** is a citizenship program for high school students in the ninth through twelfth grades. AFJROTC encourages its students to get involved in their local communities to provide well informed, productive and helpful citizens. Each year's AFJROTC course work relates to a different theme; examples are: Frontiers of Aviation History, The Science of Flight, The Exploration of Space, Introduction to Astronomy, The management of the Cadet Corps, Introduction to AFJROTC, Intercommunication skills, Life skills, and

#### 1670/3670 ROTC Aerospace Science I

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	9-12	No

**Prerequisite:** Student should be first-year cadet and currently enrolled in and attending a regular course of instruction at Redlands High School who is physically fit and a United States citizen/and or in an approved student status.

**Content:** This course acquaints students with the historical development of flight and the role of the military in history through the Persian Gulf War and Kosovo and beyond.

#### 1667/3667 ROTC Aerospace Science II

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-6/7	No	5/10	10-12	No

**Prerequisite:** Student should be a second-year cadet.

**Content:** This is a science course designed to acquaint the students with the aerospace environment, the human requirements of flight (survey course on human physiology), the principles of aircraft flight, and principles of navigation. **This course can fulfill the 2nd year PE requirement for graduation.**

**1673/3673 ROTC Aerospace Science III**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	11-12	No

Prerequisite: Student should be a third- or fourth-year cadet.

Content: This is a science course, which examines our Earth, the Moon and the planets, the latest advances in space technology, and continuing challenges of space and manned spaceflight.

**1674/3674 ROTC Aerospace Science IV**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	11-12	No

Prerequisite: Student should be a third- or fourth-year cadet.

Content: This is a management course in which the cadets manage the entire corps. All the planning, organizing, coordination, directing, controlling and decision-making will be accomplished by the cadets.

## **OTHER ELECTIVE COURSES**

**1624/3624 Mock Trial**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	20/40	9-12	No

Prerequisite: Teacher approval

Content: This course is designed for students interested in a legal career. Students will be selected for the mock trial teams from this class to compete in the county competition. The course will introduce students to all areas of the law. They will gain practical experience in the courtroom. This course involves memorization and public speaking as well as dramatic ability.

**1626/3626 Academic Decathlon**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	20/40	9-12	No

Prerequisite: Teacher approval

Content: This course is designed for the academically motivated student. The course will provide students with opportunities for review and enrichment in the following major academic areas; economics, English (language & literature), fine arts, mathematics, speech, science and social science. Students will be selected for the academic decathlon teams from this class.

**1621/3626 Makio**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-F	20/40	9-12	No

Prerequisite: Approval of instructor.

Content: Practical experience is gained in all phases of yearbook production; advertising sales, public relations, layout and design, written composition, simple clerical work, and major phases of photography. Most yearbook photos are taken and processed by student photographers. Students will use computers extensively; the book is submitted on zip discs.

**1627/3627 Student Government**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	20/40	9-12	No

Prerequisite: A member of Student Government must be elected or appointed to office to fill the following positions: A.S.B. President, Vice President, Secretary, Treasurer and Sergeant-at-Arms; Freshman, Sophomore, Junior or Senior Class President, Vice President, Secretary, Treasurer, Representative; and Commissioners. A.S.B. officers, class officers and commissioners must have a 3.00 grade point average. Representatives must have a 2.5 grade point average.

**Content:** Student Government meets daily as a class, during which time general government business, class, commission and committee meetings, and leadership training are conducted. Each class member is responsible for reporting and conducting business related to ASB- and/or class-sponsored activities in class meetings, thus affecting a two-way communication system between students and Student Government.

**1602/3602 Principles of Leadership (ASB)**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	20/40	9-12	No

**Prerequisite:** A member of Student Government must be elected or appointed to office to fill the following positions: A.S.B. President, Vice President, Secretary, Treasurer and Sergeant-at-Arms; Freshman, Sophomore, Junior or Senior Class President, Vice President, Secretary, Treasurer, Representative; and Commissioners. A.S.B. officers, class officers and commissioners must have a 3.00 grade point average. Representatives must have a 2.5 grade point average.

**Content:** Student Government meets daily as a class, during which time general government business, class, commission and committee meetings, and leadership training are conducted. Each class member is responsible for reporting and conducting business related to ASB- and/or class-sponsored activities in class meetings, thus affecting a two-way communication system between students and Student Government.

**0173/2173 Humanities**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	5/10	11-12	No

**Prerequisite:** None.

**Content:** The curricular focus of the Humanities course is an introduction and analysis of how human nature has been expressed throughout different disciplines. In this course, the material will focus on Western history, with an emphasis on literature, art, music, history, and film. Each unit will introduce one of the disciplines, with each having an essential question that will centralize the focus of not only the examination of the material, but the assessment at the culmination of the unit. Perhaps more importantly to the curricular focus, is the explicit intention of the course to develop and review students' ability to read and critically analyze primary and secondary sources. In conjunction with this process will be the instruction and completion of several types of written compositions that are representative of those typically assigned in social studies and English courses in high school. A major objective of the course is to bridge the gap of the well-chronicled and predictive "learning loss" because of the global pandemic; however, the course will continue to prove beneficial with the return to a traditional schooling, as educational studies have consistently demonstrated the evidence of learning loss in the summer.



**1630/3630 Work Experience Education**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	10/40	11-12	No

Prerequisite: Open to all students who are 16 years old, have a job, and have a 2.0 GPA.

Content: The Work Experience Education (WEE) program is one means of establishing relevance between education and the world of work. WEE is a part of the total educational process that assists young people to choose a career wisely and prepare for full-time employment. WEE allows students to earn units beyond the limits of the regular school day. Enrollment in Work Experience Education requires that the students obtain written GPA verification, permission from their counselor and the assistant principal/educational services, and the Work Experience Coordinator. All students must be 16 years of age, have part-time employment and a GPA of 2.0 or better. One credit will be earned for each 18 hours of reported work not to exceed 10 units in any semester. No more than 40 work Experience Education credits may count towards high school graduation. Students are required to complete applications and all steps of the enrollment process before being registered in the class. Class requirements include turning in weekly time cards, monthly pay stubs, and completing job-related instructional lessons. Grades are based on a combination of these factors, class attendance at a weekly class, and teacher and employer ratings. Since the class meets only once a week, a student may miss no more than three classes--excused or unexcused.

**0135/2135 Academic Tutor**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	11-12	No

Prerequisite: Teacher approval.

Content: This course is for dependable, honors students who wish to tutor students in an academic classroom. Approval should be received from the teacher for whom the student wishes to be a tutor. The student will perform duties such as individual and/or group tutorials.

**Academic tutor credit is limited to 10 totals during high school.**

**1635/3635 Teacher Assistant (TA)**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
No	Yes-7	No	5/10	12	No

Prerequisite: Teacher approval.

Content: This course is for dependable students who wish to contract to work in the classroom or the office. Approval should be received from the teacher or administrator for whom the student wishes to be an aide. The student will perform duties such as typing, processing student assignments, operating school equipment, etc. Confidential student grading or official attendance accounting is not part of the TA contract.

**TA credit is limited to 10 total during high school.**

**1620/3620 AVID**

College Prep?	Meets High School Diploma Subject Requirement?	Meets A-G Subject Requirement?	Maximum Credits Allowed For Each Semester/Total	Grade Level(s) Eligible:	Honors or AP?
Yes	Yes-7	Yes-G	20	9-12	No

Prerequisite: None

Content: AVID is a college preparatory elective which helps students to succeed in high school and prepares them to succeed in college. Students learn and practice study skills, organization, time management, and note taking among other things. In addition, the Avid class provides tutorials twice a week for students to get homework help. Students will also conduct career and college research and participate in field trips and team building activities.