

Course ID	Course title	Course Description
0045	Beg Art/Design	<p>Beginning Art and Design Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisites:None</p> <p>This course is a survey class intended to teach and expose the student to a wide variety of mediums in their traditional and experimental use. Students are exposed to various artists, styles, and trends in art, both past and present. They also are exposed to art terms and the principles and elements of art. Classroom demonstrations as well as helpful successful art techniques are demonstrated and discussed in helping the student to satisfy each assigned classroom goal. A supply list of required art materials is provided the first week of class. Assignments not completed in class by due dates become homework.</p>
0046	Adv Art/Design	<p>Students are encouraged to make a donation of \$10 for their own art supplies, which are for projects that are theirs to keep. Students will not be penalized if they are not able to make the \$10 donation and will be allowed to participate.</p> <p>Advanced Art and Design Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Beginning Art and Design</p> <p>This hands-on art studio class challenges the students to further explore and work with a variety of art materials, concepts and techniques: the intention is to explore the importance and relevance of art in their lives, whether that is for enjoyment or higher art education. In an effort to encourage and enhance their creative growth and understanding of art, the work of artists past and present is reviewed and, in some cases, emulated. The students use the principles and elements of art as guides to understanding art and developing their own medium of expertise. Students are also exposed to, and learn about, careers in and related to the visual arts. A supply list of required art materials is provided the first week of class. Assignments not completed in class by due dates become homework.</p> <p>Students are encouraged to make a donation of \$10 for their own art supplies, which are for projects that are theirs to keep. Students will not be penalized if they are not able to make the \$10 donation and will be allowed to participate.</p>

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Course ID	Course title	Course Description
0047	Beg/Arts/Crafts	<p>Beginning Arts and Crafts Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>No previous art class is required to enroll in this class.</p> <p>This class is a survey class intended to teach and expose the student to the traditional and experimental use of varied crafts, painting, drawing, and sculpture. Students are also exposed to various artists and trends in art, both past and present. Classroom demonstrations as well as helpful, successful art techniques and the principles and elements of art, are viewed and discussed in helping the student to satisfy each assigned classroom goal.</p> <p>The intention is to develop the students' technical competence as well as develop student insights about the importance and relevance of visual art in their lives. Students will also be exposed to and learn about careers in and related to the visual arts.</p> <p>Students are encouraged to make a donation of \$10 for their own art supplies, which are for projects that are theirs to keep. Students will not be penalized if they are not able to make the \$10 donation and will be allowed to participate.</p>
0048	Adv Arts/Crafts	<p>Advanced Arts and Crafts Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Beginning Arts and Crafts or any other high school beginning art course</p> <p>This course is a continuation of the arts and crafts experience for the student who has already had Beginning Arts and Crafts or any Art and Design class.</p> <p>Students are encouraged to make a donation of \$10 for their own art supplies, which are for projects that are theirs to keep. Students will not be penalized if they are not able to make the \$10 donation and will be allowed to participate.</p>
0049	Inter/DigVidPro	<p>Intermediate Digital Video Production Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>This second course in a possible sequence of three involves intermediate level production and analysis of video projects with an emphasis upon learning to utilize professional level video production tools such as digital video cameras, sound and lighting equipment, and intermediate to advanced video editing software in order to produce artistic projects. Students produce music videos as well as dramatic scenarios which have high production value.</p>

Course ID	Course title	Course Description
0052	Beg Ceramics	<p>Beginning Ceramics Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>This course covers the fundamentals of the color wheel, drawing, painting and hand built ceramics. Students have the opportunity to learn how to use the potter's wheel. The emphasis of this course is on ceramics. Class work not completed within the allotted class time becomes homework.</p> <p>The school provides the basic supplies and equipment necessary for your student to complete the class assignments. These supplies include clay and clear glaze to complete the ceramic projects.</p> <p>An optional donation of \$30 (\$15 per semester) gives your student unlimited access to extra items such as color under-glaze, color glazes, acrylic paints, and molded ceramic pieces. Students will not be penalized if they are not able to make the donation and will be allowed to participate.</p>
0053	Adv. Ceramics	<p>Advanced Ceramics Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Beginning Ceramics or teacher approval.</p> <p>This course is a continuation of the ceramic experience for the student who has already taken Beginning Ceramics. Students refine basic hand built and pottery wheel techniques with clay, as well as learning new applications of the knowledge gained in Beginning Ceramics.</p> <p>The school provides the basic supplies and equipment necessary for your student to complete the class assignments. These supplies include clay and clear glaze to complete the ceramic projects.</p> <p>An optional donation of \$30 (\$15 per semester) gives your student unlimited access to extra items such as color under-glazes, color glazes, acrylic paints, and mold ceramic pieces. Students will not be penalized if they are not able to make the donation and will be allowed to participate.</p>

Course ID	Course title	Course Description
0054	Photography	<p>Photography Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisites:None</p> <p>Photography 1 is structured to acquaint the student with basic photography. Students are given opportunities to extend their knowledge in the art form of photography. Students become familiar with, and gain an understanding of, different cameras, lens, and their uses. Students create a portfolio demonstrating different types of photography, i.e., motion, landscape, portrait, macro, and photojournalism. Topics of study are not limited to, but will include: the history of photography, the significance of the photograph in history, how photography and other art forms share common principles, artistic composition, and the history of portraiture. Class projects are done in the digital format, but both digital and film photography and equipment will be discussed.</p>
0057	Adv Dig Vid Pro	<p>Advanced Digital Video Production Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Completion of Beginning or Intermediate Digital Video Production or teacher's approval.</p> <p>This culminating course involves advanced level pre-production, production, and post-production methodology and practices intended to produce professional level productions. Students take on a leadership role in producing short films and complete videos to be shown and critiqued by audiences. Students access and show mastery of digital video equipment and develop advanced planning, shooting, and editing skills in order to be competitively ready for entry into film schools at the collegiate level.</p>
0075	AP Studio Art	<p>A.P. Studio Art Grade Level:11-12 Meets UC/CSU A-G requirement Prerequisite:Advanced Art and Design with a grade of "B" or better and teacher recommendation</p> <p>A supply list of recommended art materials is provided during the first week of class.</p> <p>This course is designed for the more serious art student who is interested in completing an art portfolio for possible college credit and/or to maintain a portfolio indicating the quality and understanding of their art abilities. This portfolio is completed following the guidelines of the A.P. College Board requirements: 24 completed art compositions in given categories plus an artist summary. In order to complete the portfolio, it is required that students do a minimum of 4 hours of homework a week. Throughout this course students take part in the critique process for evaluation of different art works including their own. The development of drawing skills from previous art classes and self-taught methods are important as the portfolio requires several drawing styles as well as drawings from observation. In early May each student may submit their portfolio to the A.P. College Board via an online digital portfolio of the twenty-four art compositions and a written summary. Five original art compositions are also to be sent to the A.P. Board. If a student passes this A.P. test by the Board's standards, they will receive college credit.</p>

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Course ID	Course title	Course Description
0095	Adv 3D Studio	<p>Advanced 3D Studio Grade Level:11-12 Prerequisite:Desktop 3D</p> <p>This is the advanced 3D class for students who successfully complete the 3D Desktop course. Using MAYA, students will learn advanced modeling and animation techniques. Students are exposed to MEL (Maya Embedded Language), scripting features, and basic character creation and movement.</p>
0098	Beg/DigVidProd	<p>Beginning Digital Video Production Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>In this introductory course, students produce and analyze short video projects including commercials, scenarios, and movie parodies. Students also develop an understanding of elements and principles of visual design and create scripts and storyboards from ideas they have generated. Students then direct, tape, and edit as they move from the planning stage to production and post-production on all major projects. This course may be taken as a general elective or as the initial segment of a sequence of three courses which build toward mastery in video production.</p>
0114	Desktop 3D	<p>Desktop 3D Grade Level:9-12 Prerequisite:None</p> <p>Developing and creating 3D gaming characters and movie animation is the focus of 3D Desktop. The course uses MAYA (3D modeling and animation software). This is a great place to begin a career or hobby in game development or 3D modeling and animation.</p>
0148	Com Graph Des 1	<p>Computer Graphic Design 1 Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>Computer Graphics Design 1 is an introductory class into the world of computer graphic art. As part of the curriculum, students learn the elements and the principles of art and the essential principles of document design, typography and digital image manipulation. There is a strong emphasis on the use and mastery of Adobe Photoshop. Quark Xpress is also used in the layout of many documents before printing. CD covers, brochures, calendars, menus, business cards, flyers, and posters are just a few of the assignments for the class, all documents in the industry of graphic design.</p>

Course ID	Course title	Course Description
0149	Com Graph Des 2	<p>Computer Graphic Design 2 Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Computer Graphics Design 1</p> <p>Computer Graphics Design 2 is the advanced course that follows Design 1. This class further emphasizes the principles and elements of art and the principles of design. Students extend and improve their skills in Photoshop and also begin to create personal digital illustrations using Adobe Illustrator, a program commonly used in the graphic arts industry. Students develop a personal portfolio of their work which includes a sophisticated collection of many of the documents created in the business world as well as a personal art component.</p>
0153	APC Cell Apps	<p>Application Programming (Cell Phone Apps) Grade Level:10-12 Prerequisites:None</p> <p>The focus of Application Programming is to teach the essential skills for computer and device programming. Students learn logic applicable to computer programming, gain an understanding of cell phone technology, design a usable cell phone application, and create a business/marketing plan for their application and how to sell it online.</p>
0159	HumBodySystems	<p>Human Body Systems Grade Level:10-12 Pending UC/CSU A-G and NCAA approval</p> <p>Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action and respiration.</p>
0166	Analys/Cr. Writ	<p>Analysis of Creative Writing Through Literature * Grade Level:11-12 Meets UC/CSU and NCAA requirements Prerequisites:None</p> <p>Through the study of short stories, essays, poetry, and novels, students analyze and emulate great authors as they employ the elements of literature: point of view, tone, character, setting, plot, and theme. The student has an opportunity to explore their own talent for creative writing ranging from poetry to narration and parody and to explore the procedures necessary to attempt to publish their own work.</p>

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0171	Health	<p>Health (one semester) (to be eliminated with the class of 2018) Grade Level:9 Prerequisite:None</p> <p>This semester course meets the health course requirement for graduation from high school in the State of California. It is designed to give students a background in the areas of basic physiology and anatomy, daily nutrition and exercise, human reproduction and development, substance abuse, and social development. Students will also discuss formulas for communication skills, negotiating skills, and decision making. Student responsibility for the outcomes of decisions and behavior will be stressed. This course is necessary for graduation from Yucaipa High School.</p>
0174	FreshmanSeminar	<p>Grade Level: 9 Prerequisites: None</p> <p>The goal of the Freshman Seminar course is to transition 9th grade students from middle school to high school. Through a sequence of six modules, students in this year-long course, will be introduced to the following essential elements for student success: How to Be a T-Bird, Creating a Supportive Learning Community, Developing Self-Awareness and Self-Management, Building Academic Strengths and Purpose, Resolving Conflicts and Making Decisions, and Individual Freedom and Democracy. Technology instruction includes Office 365, Aeries, School Fusion, publication and presentation software, and online resources for research and presentation.</p>
0190	3DModAnimGame	<p>3D Modeling and Animation for Game Development Grade Level:9-12 Prerequisite:None</p> <p>Developing and creating 3D gaming characters and movie animation is the focus of 3D Desktop. The course uses MAYA (3D modeling and animation software). This is a great place to begin a career or hobby in game development or 3D modeling and animation.</p>
0191	Adv3D Mod/Anim	<p>Adv 3D Modeling/Animation for Game Development Grade Level:11-12 Prerequisite:Desktop 3D</p> <p>This is the advanced 3D class for students who successfully complete the 3D Desktop course. Using MAYA, students will learn advanced modeling and animation techniques. Students are exposed to MEL (Maya Embedded Language), scripting features, and basic character creation and movement.</p>
0210	English 9	<p>Grade Level: 9 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This course is required of all freshmen. Students analyze, compare, and contrast issues found in various pieces of literature by numerous authors. They learn how to improve their writing skills through various literacy assignments such as reaction papers, reflective essays, and personal narrative.</p>

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Course ID	Course title	Course Description
0222	Hon English 9	<p>Honors English 9 (unweighted) Grade Level:9 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors English is often attained by a student who is a self-motivator, who is disciplined in his/her studies, and is willing to accept responsibility for reaching his/her maximum potential academically. Course content includes the in-depth exploration of both classic and contemporary literature and vocabulary. Learning to critically respond to a course curriculum both orally and in writing is a key component. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade English teacher prior to registering for this class.</p>
0227	Eng12 ERWC	<p>This course also includes required summer reading.</p> <p>English 12 Expository Reading and Writing Grade Level:12 Meets UC/CSU A-G requirements Prerequisites:None</p> <p>The goal of the Expository Reading and Writing course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course, the assignment template, presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students are expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students are expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other nonfiction texts. The course materials also include modules on two full-length works (one novel and one work of non-fiction). Written assignments and holistic scoring guides conclude each unit.</p>
0230	English 10	<p>English 10 Grade Level:10 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This course is required of all sophomores. Students gain skill in analyzing and interpreting literature, in developing composition skills including a modified research paper, in reading to draw information from non-fiction sources, in practicing speaking and listening abilities, and in investigating career goals. Grammar and basic usage skills are studied.</p>

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Course ID	Course title	Course Description
0231	Honors Eng 10	<p>Honors English 10 (unweighted) Grade Level:10 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This course is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Students read classic literature and learn how to critically respond to its universal truths through in-depth speaking and writing. Grammar and usage prepare students for college writing.</p>
0250	English 11	<p>This course also includes required summer reading.</p> <p>English 11 Grade Level:11 Meets UC/CSU A-G and NCAA requirements Prerequisites: None</p> <p>This course is required of all juniors. Students continue to develop skills in analyzing and interpreting primarily American literature, in developing composition skills, in reading to ascertain information in grammar and usage related to formal composition, and in practicing speaking and listening abilities.</p>
0258	Acad Decath	<p>Academic Decathlon Grade Level:9-12 Prerequisites:None</p> <p>The goal of the Academic Decathlon Team elective course will be to prepare students to compete in the Academic Decathlon competition that takes place yearly. The content of the Academic Decathlon Team course will change every year pending the topic for the current school year. Topics have ranged from "The Grapes of Wrath" to "Russia." The competition consists of tests/events in the following areas: art, economics, language and literature, mathematics, science, and social studies. The course will have a strong focus on analysis and evaluation of the topics detailed above as well as essay writing skills and strategies, public speaking, and interview skills and strategies. By the end of the year, not only will students have studied and mastered topics that are not traditionally taught in core classes, but they will have strong skills in the following areas: listening, speaking, analysis, evaluation, essay writing, critical reading, and critical thinking</p>

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0259	Mock Trial	<p>Mock Trial *</p> <p>Grade Level:10-12</p> <p>Prerequisites:None</p> <p>This course is designed to help students understand the mechanisms and principles of the American justice system, which affects all citizens and residents. Using landmark Supreme Court cases, students will learn various topics pertaining to legal principles and practices, Constitutional law, legal concepts and terminology, court room procedures, understanding of law enforcement, judiciary procedures, and interpretation and enforcement of laws. The class will provide students with the opportunity to participate in the law enforcement pathway that is aligned with the Linked Learning grant. Additionally, emphasis is placed on the applications of principles through the process of role playing in the various situations one may encounter pertaining to the justice system and trials. Students are encouraged to seek application of skills in extracurricular mock trials completion by applying, interviewing and practicing with the Yucaipa High School competitive Mock Trial team. Students will compete against other students in the regional area.</p>
0261	AP Eng Lang/Co	<p>A.P. English Language and Composition (weighted)</p> <p>Grade Level:11</p> <p>Meets UC/CSU A-G and NCAA requirements</p> <p>Prerequisites:None</p> <p>A.P. English Language and Composition includes preparation for the A.P. test. A.P. English Language and Composition prepares students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. It also prepares students to read complex literature selected primarily from American selections with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers.</p>
0270	English 12	<p>This course includes required summer reading.</p> <p>English 12</p> <p>Grade Level:12</p> <p>Meets UC/CSU A-G and NCAA requirements</p> <p>Prerequisites:None</p>
0276	Dig Publishing	<p>This is an integrated course of literature and writing which develops students' skills in analyzing and interpreting primarily British literature and grammar and composition skills needed for entry-level college English classes.</p> <p>Digital Publishing *</p> <p>Grade Level:9-12</p> <p>Prerequisites:None</p> <p>Students are involved in all areas of the campus newspaper, including writing, photographing and printing pictures, typesetting in personal computers, designing and laying out the paper, as well as selling ads for each issue. Many positions that students hold require working after school, in the evening, or occasionally on a weekend. This will prepare students for careers in digital publishing.</p>

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Course ID	Course title	Course Description
0281	AP Eng Lit/Comp	<p>A.P. English Literature and Composition (weighted) Grade Level:12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>A.P. English Literature and Composition includes preparation for the A.P. test. This is a course to prepare seniors to successfully meet the entrance requirements for college freshman English courses. The course requires college-level thinking and writing, extended literary analysis and the delineation of argument. Readings are primarily selected from British and world literature. Students also write college application and scholarship essays to ensure a smooth transition to college.</p>
0284	Yearbook	<p>This course includes required summer reading. Yearbook * Grade Level:9-12 Prerequisites:None</p>
0291	Drama	<p>Students write, photograph, and design layouts for the Yucaipa High School yearbook, El Conquistador. Many positions that students hold require work after school, in the evening, or occasionally on a weekend. Drama Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p>
0292	Adv Drama	<p>This is a 10-unit course in which basic theatrical technical skills, history, acting skills, and production skills are emphasized. Advanced Drama Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Drama or prior approval of instructor</p>
0295	Forensics	<p>This is a 10-unit course in which advanced theatrical skills, play production, and festival performances are emphasized. Students may make public appearances. Forensics * Grade Level:9-12 Meets UC/CSU and NCAA requirements Prerequisites:Audition required</p> <p>Forensics (speech competition) is a course for speech team members. Each student follows an individualized program of his own choosing, preparing for tournament competition. It is open to any level of experience and offers a wide choice of events. Audition required.</p>

Course ID	Course title	Course Description
0300	French I	<p>French 1 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>French 1 is an introductory course in French language and culture. Students not only learn how to speak French, but they also learn how to read and write the language as well. Students actively work together in many different hands-on activities that are culturally authentic and of interest to them. Throughout the year, vocabulary development will be an integral part of daily lessons along with the mastery of the use of present tense verbs. Students will also become aware of the importance of the French language, how it has become a global language, and also its culture that is present on every continent in the world.</p>
0305	French 2	<p>French 2 Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:"C" or better in French 1</p> <p>In French 2, students continue to acquire the necessary vocabulary for spontaneous conversation. Verb tenses become very important in this second year with the study of the imperative, past, imperfect, and future tenses. Writing becomes an integral part of the curriculum where students practice official French "dictees" and journal about their daily routines and procedures. In the second semester, reading of authentic short stories in French will not only boost student confidence but also give them reading comprehension techniques to help them dissect and make meaning of French that is above their current reading level. Students will also continue to learn about French culture that is uniquely present around the world.</p>
0308	French 3	<p>French 3 Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Must have a "C" grade or better in French 1 and French 2.</p> <p>In these intermediate and advanced courses, students dive into the French way of life. While continuing to learn vocabulary, grammar, and syntax, students also start to compare and contrast the similarities and differences of many French-speaking countries with that of the United States. Review of prior verb tenses is an essential part of these courses while being introduced to the subjunctive, conditional, and pluperfect tenses. Students begin to evaluate their own work and critically examine their speaking, reading, writing, and listening comprehension.</p>

Course ID	Course title	Course Description
0312	AP French	<p>AP French Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Must have a "C" grade or better in French 3.</p> <p>This course is designed around a thematic study of Francophone societies and cultures by examining their products, practices, and perspectives. Newspaper and magazine articles, websites, film, music, video clips, blogs, podcasts, stories, and literary excerpts in French develop language skills and communicative proficiency in real life settings. Communication skills will be enhanced through regular class discussion, one-on-one conversation, collaboration with classmates, role plays, email responses, essay and journal writing, and oral presentations. This course is taught solely in French and it is expected that the students maintain target language during all activities each and every day. This course ultimately prepares students for the AP French Language and Culture Exam that is administered each May.</p>
0315	German I	<p>German 1 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This beginning course is where students develop the ability to read, write, and converse in German. Students learn the rudimentary grammatical structures of German and, in so doing, learn to apply basic, essential vocabulary. Students also become acquainted with the culture and geography of Germanic countries.</p>
0320	German 2	<p>German 2 Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:"C" or better in German 1</p> <p>German 2 is designed for students who have successfully completed German 1. In this class, the students' reading, writing, and conversation become more fluid and complex. More layers of German syntax are discovered as the students immerse themselves in a wider range of vocabulary. Also, understanding the culture of German-speaking countries becomes more significant</p>
0335	Spanish 1	<p>Spanish 1 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This is a beginning course in Spanish where students develop the skills of listening, reading, writing, and speaking. Students are introduced to the basic grammatical structures, and acquire knowledge of basic sentence structures, phrases, and vocabulary in Spanish. The culture and geography of Hispanic countries are important parts of the program.</p>

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0340	Spanish 2	<p>Spanish 2 Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:"C" or better in Spanish 1 and English and/or native speaker experience</p> <p>Spanish 2 is designed for students who have successfully completed Spanish 1. Students continue to develop communication skills in listening, reading, writing, and speaking as they are introduced to a wider range of vocabulary and practice all seven simple tenses such as commands and the present, past, and future tenses. The culture of the Hispanic countries is an integral part of the program. Homework is assigned on a daily basis and quizzes are given at least once a week. Successful completion of this course prepares students to continue study in Spanish 3.</p>
0342	AP Spanish	<p>A.P. Spanish (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Spanish 1 - 3, and/or native experience, plus instructor approval</p> <p>A.P. Spanish Language course is comparable to an advanced level college Spanish language course. Emphasizing the use of Spanish for active communication, in encompasses aural/oral skills, reading comprehension, grammar, and composition.</p>
0345	Spanish 3	<p>Spanish 3 Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:"C" or better in Spanish 2 and English</p> <p>Students continue to develop their listening, reading, writing, and speaking skills as well as apply new grammatical concepts. The cultures and history of Spanish-speaking people in Latin America and Spain are explored and analyzed in order to increase students' ability to understand and appreciate the target culture. Lessons are conducted in Spanish. Successful completion of this course allows students to continue their studies in the A.P. Spanish course.</p>
0349	Spn/Natv/Spkr I	<p>Spanish for Native Speakers 1 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Student must be a native or heritage Spanish speaker. Placement is determined by an exam/instructor approval.</p> <p>This course is designed to provide Spanish language speakers with the opportunity to improve proficiency in their reading and writing skills through the study of Spanish language literary pieces, grammatical activities, and the application of the writing process. The study of the culture and geography of the Hispanic countries is an integral part of this course.</p>

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0359	Sp/Natv/Spkr II	<p>Spanish for Native Speakers 2 Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Student must be a native or heritage Spanish speaker and receive a “C” or better in Spanish for Native Speakers I or demonstrate Spanish language proficiency on the placement test.</p> <p>This course focuses on developing and strengthening academic skills for the Spanish speaker through listening, speaking, reading, and writing in Spanish. Students read a variety of literature in Spanish and respond to the readings through integrated listening, speaking, and the study of the writing process. Spanish grammar, spelling, and punctuation are covered. The study of the culture and geography of the Hispanic countries is an integral part of this course.</p>
0378	ROPAdv Auto/pro	<p>Advanced Automotive Technology – Project Car Grade Level:11-12 * Prerequisite:Successful completion of any auto technology class</p> <p>Students continue learning automotive service and repair technology by applying skills and knowledge to specific project vehicles in a team-based environment. All of the skills and concepts taught in this class will count towards the ASE (Automotive Service Excellence) General Automotive Service Technician certification.</p> <p>This course articulates with San Bernardino Valley College and Riverside Community College for possible college credit. Only one course at the community college level will be articulated for any combination of these auto shop courses. Repeat: Teacher permission only</p>
0386	Math 1	<p>Mathematics 1 Grade Level:9-12</p> <p>The fundamental purpose of the Mathematics 1 course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. The scope of Mathematics 1 is limited to linear and exponential expressions and functions as well as some work with absolute value, step, and functions are piecewise-defined.</p>
0392	Statistics	<p>Statistics Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements</p> <p>The purpose of this course is to expose students to the collection, organization, and analysis of data. Statistical methods of collecting data through experiments or observational studies are discussed. The data is organized in graphs for meaningful interpretation. Probability theory in the context of hypothesis testing is introduced. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference.</p>

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Course ID	Course title	Course Description
0393	Int. Math 2	<p>Integrated Math 2 Grade Level:10-11 Meets UC/CSU A-G requirement and will contribute .5 units to NCAA requirement</p> <p>This course operates as a bridge class between Geometry and Algebra 2. It allows students to focus on both Algebra 1 and Geometry in the same year with a different weight of focus from the Integrated 1 math class. In order to progress in math, it is necessary for students to have a mastery of Algebra 1 standards. For this reason, the first part of Integrated Math 2 focuses on strengthening the core Algebra 1 skills (31% of the course) necessary to be successful in future math courses. The majority of the course (61%) continues to develop concepts in Geometry. The remaining time (8% of the course) focuses on Algebra 2, probability and statistics.</p>
0394	Int. Math 1	<p>Integrated Math 1 Grade Level:9-11 Meets UC/CSU A-G requirement</p> <p>This course does not meet the NCAA requirements.</p> <p>This course allows students to focus on both Algebra 1 and Geometry in the same school year. It operates as a bridge class between Algebra 1 and Geometry, with the intent to prepare students for Geometry. The majority of the course (69%) focuses on strengthening the Algebra 1 standards-based skills necessary to be successful in geometry. The rest of the course (31%) focuses on developing the core geometry skills. This is an ideal course for those students who struggled in Algebra and need a refresher course before enrolling in geometry in order to be successful.</p>
0396	AP Calculus AB	<p>A.P. Calculus AB (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements</p> <p>The content of A.P. Calculus AB includes limits and differential calculus topics typically covered in a first quarter university calculus course. A.P. Calculus AB covers integral calculus topics typically covered during part of a second quarter university calculus course. Concepts of slopes of curve, velocity, acceleration, area, volumes of revolution, related rates of change, maxima-minima, and differential equations are included. Upon successful completion of the Advanced Placement Examination, students may receive one semester or quarter of college and/or course credit for college calculus and one semester or quarter of elective course credit.</p>

Course ID	Course title	Course Description
0398	AP Calculus BC	<p>A.P. Calculus BC (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements</p> <p>A.P. Calculus BC provides a comprehensive coverage of differentiation and integration of algebraic, trigonometric, logarithmic, and exponential functions. Concepts of slopes of curve, velocity, acceleration, area, volumes of revolution, related rates of change, maxima-minima, and differential equations are included. Upon successful completion of the Advanced Placement Examination, students may receive one semester or of college and/or course credit for college calculus and one semester or quarter of elective course credit.</p>
0399	Hon Alg 2	<p>Honors Algebra 2 Grade Level:9-12 PENDING UC/CSU A-G and NCAA approval</p> <p>Honors Algebra 2 is an accelerated and very rigorous Algebra 2 course. This course will cover all of the state standards of Algebra 2 which include; working with polynomials, rational expressions, quadratics, conic sections, complex numbers, logarithms, exponential functions, series and sequences, and statistics. In addition to all of the regular Algebra 2 concepts, honors will address matrices and various concepts of trigonometry. Students who register for this course need to have a strong foundation of Algebra1 concepts considering the fast-paced nature of this course. During the course of Algebra 2 students will develop critical thinking skills and problem solving strategies that will help them analyze problems in the real world.</p>
0417	AP Statistics	<p>A.P. Statistics (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements</p> <p>A.P. Statistics is equivalent to a one-semester, introductory, non-calculus based college course in statistics. A.P. Statistics may be taken anytime in the math sequence after Algebra 2. Students are encouraged to take it concurrently with Trigonometry or Calculus AB. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns in advance, and statistical inference. Students who successfully complete the course and the A.P. exam may receive college credit and/or course credit for a one-semester introductory college statistics course.</p>
0426	Algebra I	<p>Algebra 1 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements</p> <p>Algebra I covers the topics of operations with signed numbers and algebraic expressions, first and second degree equations, special products of factoring, algebraic fractions, ratio and proportion, systems of equations, and introductions to radicals and exponents.</p>

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Course ID	Course title	Course Description
0430	Geometry	<p>Geometry Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements</p> <p>Geometry is designed to give the student a basic background in deductive reasoning. It relates especially to Euclidean principles in working with both plane and solid geometric figures. The course integrates the student's knowledge of algebra with geometry relationships and problem solving using these relationships.</p>
0435	Algebra 2	<p>Algebra 2 Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements</p> <p>This course covers traditional second-year algebra topics in addition to a thorough review and more rigorous study of Algebra 1 topics. These topics include logarithms and exponential equations, sequences and series, quadratic functions and conics, and introductory trigonometry.</p>
0440	Trig/Math Analy	<p>Trigonometry/Math Analysis Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements</p> <p>The first semester of this course is based on the Math Analysis standards, which provides an in-depth study of core Algebra 2 standards including polynomial and rational functions, complex numbers, logarithmic functions, and some other advanced algebraic topics. The second semester of this course focuses on the trigonometry standards, which includes analytic geometry, theory of equations, and the use of trigonometric identities. Overall, this is a rigorous, college prep course intended to prepare students for A.P. Calculus.</p>
0441	Pre-Calculus	<p>Pre-Calculus Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements</p> <p>Pre-calculus prepares students for calculus the same way pre algebra prepares students for algebra. Pre-calculus explores topics that will be applied in calculus. Pre calculus will cover two specific areas, math analysis and trigonometry. Our Pre-calculus course completes about 98% of our Trig course during the first semester of the school year. The second semester of the course will cover the remainder of the Trig course, math analysis and the beginnings of our Calculus AB course. Students will end this course where they need to be in order to start Calculus BC.</p>

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Course ID	Course title	Course Description
0450	General Music	<p>General Music Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>This integrated performing arts course is recommended for students wishing to enroll in any of the performing arts classes. It covers basic music skills such as music reading, analysis, and performance practices. It gives an overview of the history of music. In addition, students explore technical aspects of the arts such as instrumental and vocal practices. Students learn musical applications through use of recorders.</p>
0453	Concert Choir	<p>Concert Choir Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>This course is open to all students who wish to begin or develop their vocal training. Music includes a combination of popular, classical, holiday, and show music that appeals to the students. All students are required to provide their own formal concert outfits and participate in at least three after-school performances and attend at least six after-school practices.</p>
0460	Madrigals	<p>Madrigals Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Personal audition and one year of choral ensemble experience</p> <p>This is an advanced Concert Choir. Many performances and festivals are attended throughout the year. Students must purchase concert uniforms and attend mandatory rehearsals occasionally after school. Fundraising opportunities will be provided to all students. Advance notice is given for rehearsals.</p>
0461	CAHSEE Eng Supp	<p>CAHSEE Support English Grade Level:11-12 Prerequisite:None</p> <p>This course is targeted to provide supplemental instructional support to help the student pass the California High School Exit Exam. It reviews critical reading skills, vocabulary, grammar, and writing skills.</p>
0462	CAHSEE/Math Sup	<p>CAHSEE Support Math Grade Level:11-12 Prerequisite:None</p> <p>This course is targeted to provide supplemental instructional support to help the student pass the California High School Exit Exam. It is a review of pre-algebra skills and basic Algebra 1 and Geometry concepts.</p>

Course ID	Course title	Course Description
0463	CEL Math	<p>College Entry Level Math (CEL Math) Grade Level:12</p> <p>This course is a year-long college preparatory course for seniors with an emphasis on fundamental skills and content knowledge needed to be successful in community college level mathematics. This course reviews standards from general mathematics, algebra, geometry, and algebra II and includes standards covered on the CAHSEE in order to prepare students for the community college placement exam. It also offers test-taking strategies and study skills students will need to be successful in any college course and for the math portion of the CAHSEE. Upon completion of this course, students should be able to test into a college level mathematics course that would meet the minimum requirement for an AA degree.</p>
0468	Wind Ensemble	<p>Wind Ensemble Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite: Personal audition.</p> <p>The Wind Ensemble is the advanced instrumental music course offered to musicians at Yucaipa High School. All students are required to pass an audition to participate in this band. The audition is held in late spring. Instrumentation includes all standard woodwinds, brass, and percussion instruments. Incoming students must have played an instrument for more than three years in a school band. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture and timbre). Class requirements are planned in accordance with the California State Music Standards and the National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>
0476	Symphonic Band	<p>Symphonic Band Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:Consent of instructor, two to three years experience on woodwind, brass, or concert percussion.</p> <p>The Symphonic Band is the instrumental music course highly recommended to all instrumental musicians at Yucaipa High School who have already taken one year of high school band. You do not need to pass an audition as in the Wind Ensemble, but players should have a minimum of two to three years playing experience in a school band or orchestra. All continuing students are placed in their chair order based on audition/final placement from the previous semester. Instrumentation includes all standard woodwinds, brass and percussion instruments. Incoming students must have played an instrument for more than two years. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture, and timbre). Class requirements are planned in accordance with the California State Music Standards and National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>

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Course ID	Course title	Course Description
0497	Beach/Rec Activ	Beach and Recreational Activities Grade Level:10-12 Prerequisite:Completion of P.E. Courses 1 and 2 and successful passage of the state-mandated fitness test, Fitnessgram®.
0508	PE 1	This course is designed for students who are interested in advanced knowledge and skills in two or more individual and dual activities. Some activities that could be included in this category are: golf, badminton, tennis, two-player volleyball, skating, gymnastics/tumbling, archery, cycling, and yoga. P.E. (Course 1) Grade Level:9-12 Prerequisite:None This is a graduation requirement for all students. This class includes development of a personalized plan for lifetime fitness by assessing personal needs, interests, abilities, and opportunities in the area of fitness, and by selecting activities that contribute to the achievement of personal fitness goals. Students learn to apply biomechanical principles in analyzing a variety of movement skills. They are given a variety of activities such as individual and team sports, gymnastics, dance, and personal defense.
0509	PE 2	P.E. (Course 2) Grade Level:10-12 Prerequisite:Completion of P.E. (Course 1) This is a graduation requirement for all students. This class includes the following activities to include combatives, gymnastics/tumbling, team activities, and social dance. Students complete a personal fitness portfolio which demonstrates knowledge of fitness concepts, principles, and strategies which include the practice of psychology and social skills concepts.
0529	WtTrFt (Crs 3F)	Weight Training and Fitness (Course 3F) Grade Level:10-12 Prerequisite:Completion of P.E. Courses 1 and 2
0556	Earth Science	Advanced Weight Training is designed for the student interested in pursuing weight training for competitive, cosmetic, or simply for health reasons. Advanced theory and application of weight training are emphasized. Earth Science Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None Earth Science is a standards-based, introductory course for ninth or tenth grade students. Students explore four major topic areas: earth's place in the universe, earth's internal energy (plate tectonics), earth's external energy (weather and climate), and man and energy. Laboratory exercises utilize a hands-on discovery approach. Students are involved in both group and individual projects and utilize a variety of technology and multimedia. The content reflects the State of California framework and state content standards.

Course ID	Course title	Course Description
0558	AFROTC Ar/Ld 2	<p>AFJROTC 2 (second year) Grade Level:10-12 Prerequisite:Student should be a second-year cadet and currently enrolled in and attending a regular course of instruction at Yucaipa High School who is physically fit and a United States citizen and/or in an approved student status.</p> <p>The Science of Flight: A science course designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. The course begins with a discussion of the atmosphere and weather. After developing an understanding of the environment, how the environment affects flight is introduced. Discussions include the forces of lift, drag, thrust, and weight.</p> <p>Students also learn basic navigation including map reading, course plotting, and the effects of wind. The portion on the Human Requirements of Flight is a survey course on human physiology. Discussed here are the human circulatory system, the effects of acceleration and deceleration, and protective equipment.</p> <p>Communication, Awareness and Leadership: This stresses communications skills and introduces skills and cadet corps activities. It is normally taught to second year cadets, but may be taught to other grade levels also. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects.</p> <p>Wellness: Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated with age and gender. Instructors are free to include other activities cadets enjoy such as team sports in order to keep the Wellness Program fun and motivating. The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (i.e. chairs).</p>

Course ID	Course title	Course Description
0559	AFJROTC Ar/Ld 1	<p>AFJROTC/AFJROTC (First Year) Grade Level:9-12 Prerequisite:Student should be a first-year cadet and currently enrolled in and attending a regular course of instruction at Yucaipa High School who is physically fit and a United States citizen and/or in an approved student status.</p> <p>NOTE: All Air Force Junior Reserve Officer Training Corps (AFJROTC) classes include blended material from an Aerospace Science (AS) component course (40%), a Leadership Education (LE) course (40%), and the Wellness program (20%).</p> <p>The AFJROTC/AVID class is a blend of material from the AVID curriculum as well as the AFJROTC curriculum. The AFJROTC/AVID program is designed to prepare students for four-year college eligibility and to provide the teaching methodology to make college preparatory curricula accessible to all students. AVID is an academic, regularly scheduled elective program based on writing as a tool of learning, collaborative grouping, and inquiry method. The three main components of the program are academic instruction, tutorial support, and motivational activities. Speak with your counselor for more information.</p> <p>A Journey Into Aviation History: This is the recommended first AS course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials.</p> <p>Citizenship, Character and Air Force Tradition: Introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC), providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. As such, it should be the first Leadership Education course taken by new cadets. It contains sections on cadet and Air Force organizational structure, uniform wear, customs, courtesies and other military traditions, health and wellness, fitness, individual self-control, and citizenship.</p> <p>Wellness: Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated with age and gender. Instructors are free to include other activities cadets enjoy such as team sports in order to keep the Wellness Program fun and motivating. The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (i.e. chairs).</p>

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Course ID	Course title	Course Description
0564	AerbAct(Crs 3B)	<p>Aerobic Activities (Course 3B) Grade Level:10-12 Prerequisite:Completion of P.E. Courses 1 and 2</p> <p>This course meets in the "YHS Fitness Center". It emphasizes learning to design your own personal fitness program throughout your lifetime. Students learn to control their weight, improve their aerobic fitness, improve their appearance, and to manage all areas of fitness and nutrition. Activities include aerobic dance, step aerobics, treadmill, Stairmaster, weight training, speed walking, nutrition counseling, and the current trends in fitness. Activities can also include running, aerobic dance, skating, cycling, triathlon, and walking. This course may be a lead-in to enrollment in programs such as "24 Hour Fitness" or the YMCA.</p>
0570	Biology	<p>Biology Grade Level:9-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:9th grade students must be at least enrolled in Geometry. Completion of Geometry is recommended.</p> <p>9th grade enrollment in Biology is subject to the YHS screening criteria based on 8th grade CST scores in Algebra 1. Final determinations regarding pre-enrollment will be made when STAR testing data is available.</p> <p>Biology is a ninth or tenth grade core requirement course in science. The primary goal of this course is for students to become proficient in the California Biology/Life Science Standards. Students also develop proficiency in using the scientific method for solving problems, using mathematical data analysis, and the critical analysis of scientific literature. Students also develop basic scientific skills and knowledge, which allows them to succeed in elective science courses taught at Yucaipa High School.</p>
0576	Hum Anat & Phys	<p>A grade of "C" or better in Biology will be a prerequisite for all science elective courses taught at Yucaipa High School.</p> <p>Human Anatomy and Physiology Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisite:Students must have completed Biology with a "C" or better. Chemistry is recommended, but not required.</p> <p>Human Anatomy and Physiology focuses on the major organs and systems of the human body, their structure, functions, and interrelationships. Students interested in a medical or medical-related career are encouraged to take this class. Dissections are an integral part of the laboratory portion of this class.</p>

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Course ID	Course title	Course Description
0579	Marine Science	<p>Marine Science Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Completion of Biology with "C" or better.</p> <p>NOTE: This is an introductory course recommended for anyone with an interest in learning more about the ocean. In this interdisciplinary course, students get to know the ocean world through introductory studies of chemistry (i.e. water chemistry), physics (i.e. waves and tides), and a comprehensive overview of the earth (i.e. plate tectonics and ocean sedimentation). Unifying themes are factors that affect marine ecosystems and the relationship between environmental characteristics and biological communities, as well as how humans affect the sea and how the sea affects humans. Students examine the biology of whales, pinnipeds, and other marine organisms. Laboratory work includes hands-on experience with dissections of various oceanic organisms throughout the course, as well as simulation activities.</p>
0584	AP Biology	<p>A.P. Biology (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Completion of Biology with a "C" or better. Chemistry is recommended, but not required.</p> <p>A.P. Biology provides students with a college level biology class and prepares them to take the A.P. Biology examination in the spring. A series of 12 college-level laboratory investigations are completed. Major topics in this class include: biochemistry, cellular and molecular biology, genetics and genetic engineering, selected organ structure and functions of plants and animals, and ecology. This class is recommended for students considering a college major or possible career in a biology or biology-related field.</p>
0585	Chemistry	<p>Chemistry Grade Level:10-12 Meets UC/CSU A-G and NCAA requirements Prerequisite:Completion of Biology, Algebra 1, and Geometry with a grade of "C" or better and concurrent enrollment in Algebra 2. Completion of Algebra 2 is highly recommended.</p> <p>This course examines the concepts of the properties and conversions of matter and energy. Major emphasis is placed upon atomic theory, chemical changes and reactions, chemical bonding, the periodic table, and gases. A quantitative approach to chemical reactions, thermodynamics, gases, solutions and equilibrium is emphasized. This course is correlated to the California Science Standards in Chemistry.</p>

Course ID	Course title	Course Description
0586	AFJROTC Ar/Ld 4	<p>AFJROTC Management of the Cadet Corps (4th year) Grade Level:12 Prerequisite:Student should be a fourth-year cadet and currently enrolled in and attending a regular course of instruction at Yucaipa High School who is physically fit and a United States citizen and/or in an approved student status.</p> <p>Management of the Cadet Corps: The cadets manage the entire corps during their fourth year in the JROTC program. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. They practice their communication, decision-making, personal-interaction, managerial, and organizational skills.</p> <p>Principles of Management: This course provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. This course, coupled with what cadets have already learned during their time in AFJROTC, equips them with the qualities needed to serve in leadership positions within the corps. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions.</p> <p>Wellness: Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated with age and gender. Instructors are free to include other activities cadets enjoy such as team sports in order to keep the Wellness Program fun and motivating. The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (i.e. chairs).</p>
0587	AP Chemistry	<p>A.P. Chemistry (weighted) Grade Level: 11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Completion of Chemistry with a “C” or better (per College Board guidelines). Completion of Algebra 2 with “C” or better is also required.</p> <p>A.P. Chemistry is taught as a continuous sequence, with subject matter being presented in a format consistent with a college level course with California Science Standards for Chemistry inserted as appropriate. Pace and subject matter reflect the higher standards of the College Board.</p> <p>Chemistry is the study of the behavior and interactions of matter. College Board approved labs will complement curriculum throughout the A.P. sequence. Subjects covered include: The Structure of Matter (Atomic Theory, Bonding and Nuclear Chemistry), States of Matter (Gases, Solids and Liquids, Solutions), Reactions (Acid/Base, Precipitations, Oxidation/Reduction, Stoichiometry, Equilibrium, Kinetics and Thermodynamics) and Descriptive Chemistry. This class is recommended for students interested in pursuing pure science at the university level.</p>

Course ID	Course title	Course Description
0589	AFJROTC Ar/Ld 3	<p>AFJROTC Aerospace Science: Global and Cultural Studies (3rd year) Grade Level:11-12 Prerequisite:Student should be a third-year cadet and currently enrolled in and attending a regular course of instruction at Yucaipa High School who is physically fit and a United States citizen and/or in an approved student status.</p> <p>Global and Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America’s interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples, and other cultural issues will be examined. The regional areas included in this course are Europe, the Middle East, South Asia, East Asia, Africa, and Latin America. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Readings are also available to set the stage for each lesson, along with workbook exercises suitable for in-class and homework assignments.</p> <p>Communication, Awareness and Leadership: This stresses communications skills and introduces skills and cadet corps activities. It is normally taught to second year cadets, but may be taught to other grade levels also. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects.</p> <p>Wellness: Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated with age and gender. Instructors are free to include other activities cadets enjoy such as team sports in order to keep the Wellness Program fun and motivating. The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (i.e. chairs).</p>
0595	Physics	<p>Physics Grade Level:11-12 Meets UC/CSU A-G requirements Prerequisites:Completion of Algebra 2 with a grade of “C” or better. Chemistry is recommended but not required. Co-requisite: Enrollment in Trigonometry.</p> <p>This course is a quantitative study of our physical world. It draws heavily on mathematical interpretations of matter and energy transactions. There is a focus on Newtonian mechanics, electricity, magnetism, wave motion, lights, and nuclear and atomic physics. This is a laboratory course.</p>

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0611	World Geography	<p>World Geography (one semester) Grade Level:9 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>This semester course focuses on the physical land features that influenced the movement of people worldwide as well as explore the five major themes of Geography which are: movement, place, human-environmental interaction, location, and regions. The resulting creation of political and cultural boundaries is studied. This course is necessary for graduation from Yucaipa High School.</p>
0613	AP Psychology	<p>A.P. Psychology (weighted)* Grade Level:11-12 Meets UC/CSU A-G requirements Prerequisites: None</p> <p>This is a one-year elective which focuses on the study of the human mind and behavior. Students develop an understanding of the main areas of study in psychology: biological, cognitive, developmental, learning and memory, perception, personality, and social. This course is designed to prepare students to take the College Board A.P. Psychology exam in May to earn possible college credit.</p>
0619	Mod World Hist	<p>Modern World History Grade Level:10 Meets UC/CSU A-G and NCAA requirements Prerequisite: None</p> <p>Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas from their ancient foundations and develop an understanding of the historical roots of current world issues (reaching back into the European Middle Ages and Renaissance), especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographical, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. This course fulfills the Modern World History requirement.</p>

Course ID	Course title	Course Description
0620	US History	<p>United States History Grade Level:11 Meets UC/CSU A-G and NCAA requirements Prerequisite:None</p> <p>Students in grade eleven study the major turning points in American history in the twentieth century. Following a review of the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy including the social and cultural effects. They trace the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes to historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the result of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U.S. Constitution are a precious inheritance that depends on an educated citizenry for their preservation and protection (California Department of Education). This course meets the U.S. History requirement for high school graduation.</p>
0623	AP USH	<p>A.P. United States History (weighted) Grade Level:11 Meets UC/CSU A-G and NCAA requirements Prerequisite:A grade of "A" or "B" in Honors English 10 or a grade of "A" in English 10 and Modern World History, consent of instructor, or teacher recommendation.</p> <p>A.P. U.S. History covers the Discovery Period to the present. This course is designed to develop knowledge and appreciation of our country's heritage. The content is broader chronologically than the U.S. History course and goes into greater depth in each unit. This course is designed to emphasize and strengthen the skills in analysis and writing necessary to earn college credit by challenging the freshman level college course through an exam process. This course is specifically designed for college-bound students who enjoy reading and writing and who have scored above proficiency levels on the Social Studies portion of the California Content Standards. Students who enroll in this class should expect a significant increase in homework, writing, and analytical reading assignments compared to the regular U.S. History course. This course meets the U.S. History requirement for high school graduation.</p>

Course ID	Course title	Course Description
0624	AP European His	<p>A.P. Modern European History (weighted) Grade Level:10 Meets UC/CSU A-G and NCAA requirements Prerequisite:A grade of "A" or "B" in Honors English 9 or a grade of "A" in English 9, or consent of the instructor, or teacher recommendation.</p> <p>The Advanced Placement (A.P.) course is designed at each level to be an accelerated curriculum, which parallels the regular offering. It is designed for the student who is college-bound and would like to challenge freshman college requirements through an examination process. The A.P. course is similar to Modern World History; however, the material is more rigorous and goes into greater detail, and the emphasis is on information necessary for the students to take the A.P. European History exam. This course is specifically designed for college-bound students who enjoy reading and writing, and who have scored above proficiency levels on the Social Studies portion of the California Content Standards. Students who enroll in this class should expect a significant increase in homework, writing, and analytical reading assignments compared to the regular Modern World History course. This course fulfills the Modern World History requirement.</p>
0627	AP Gov&Politics	<p>A.P. United States Government/Politics and A.P. Macroeconomics (weighted) Grade Level:12 Meets UC/CSU A-G and NCAA requirements Prerequisite:Prerequisite: An "A" or "B" in A.P. U.S. History and A.P. English or an "A" in U.S. History and English 11, or consent of the instructor and a teacher recommendation.</p> <p>Advanced Placement United States Government and Politics (five credits) is designed to be a challenging course equivalent in difficulty and scope to a lower division college offering. A.P. Government and Politics helps prepare a student to score well on the College Board A.P. exams in May. Extensive readings are the norm and analytical writing is emphasized. The rigorous curriculum allows a passing grade to be weighted.</p> <p>This course includes the in-depth study of Constitutional underpinnings, civil liberties and civil rights, political beliefs and behaviors, political parties, interest groups, mass media, the institutions of national government, and the making of public policy.</p> <p>Advanced Placement Macroeconomics (five credits) is a challenging course equivalent in difficulty and scope to a lower division college economics offering. A.P. Macroeconomics helps prepare a student to score well on the College Board A.P. exams in May. It has a rigorous curriculum which allows a passing grade to be weighted.</p> <p>A.P. Macroeconomics studies the economy as a whole. The major units of study include basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and international trade and finance.</p>

Course ID	Course title	Course Description
0629	ROPAutoStSusBrk	<p>Auto: Steering, Suspension and Brake Systems Grade Level:9-12 * Prerequisite:None</p> <p>Through hands-on lab experiences, students learn about the different kinds of steering, suspension and braking systems. How to perform inspections and conduct diagnostic tests are taught along with the principles of each system. Students also practice customer service skills and perform actual diagnostic and repair procedures.</p> <p>This course articulates with San Bernardino Valley College and Riverside Community College for possible college credit. Only one course at the community college level will be articulated for any combination of these auto shop courses.</p>
0630	Am Government	<p>American Government/Economics Grade Level:12 Meets UC/CSU A-G and NCAA requirements Prerequisite:None</p> <p>American Government (one semester) In American Government students pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments with particular attention paid to important historical documents such as the Federalist Papers. This course represents the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.</p> <p>Economics (one semester) In Economics students master fundamental economic concepts and apply tools such as graphs, statistics, and equations from other subject areas to the understanding of operations and institutions of economic systems. Studies in an historic context are the basic economic principles of microeconomics and macroeconomics, international economics, comparative economic systems, measurement, and methods.</p>
0635	Psychology	<p>Psychology* Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:None</p> <p>This elective class explores the elemental aspects of general psychology. It contains an overview of the field of psychology coupled with personal awareness inventories and evaluations designed to give the students an in-depth look at themselves and their interaction with the society around them. Academic content is paired with practical experience to enhance the total personal grasp of the area of psychology.</p>

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Course ID	Course title	Course Description
0637	ROP IntCrimJust	<p>Introduction to Criminal Justice Grade Level:11-12 Meets UC/CSU A-G requirement Prerequisite:None</p> <p>Introduction to Criminal Justice is designed to expose students to the occupations within the Criminal Justice System. Students will examine the criminal justice system through the study of laws of evidence, techniques of investigation, report writing, and courtroom procedures. Writing skills, oral communication skills, positive attitudes, and presentation skills related to law enforcement will be emphasized. Many of the performance objectives align with the state's Peace Officer Standards and Training (POST) requirements. Students will be exposed to the wide array of employment opportunities within the public safety service arena. Worksite learning is an optional component of this course and is available to eligible students.</p>
0638	ROP ForenSciCSI	<p>Forensic Science and CSI Grade Level:11-12 Prerequisite:None</p> <p>Forensic Science is designed to give students both theory and hands-on experience in the skills and knowledge required of a forensic crime scene investigator. Included will be an introduction to crime scene investigation, crime scene photography and diagrams as they are used in a criminal investigation. Also included is the importance of physical evidence in solving crimes, dusting and lifting fingerprints, rolling a 10-print fingerprint card, how to perform a gunshot residue test, methods for collecting and processing various types of evidence and the use of forensic light source technology in crime scene investigations. Emphasized throughout the course is the importance of effective communication and interpersonal skills, professional development, strong academic skills, problem-solving, safety and the use of technology. Worksite learning is an optional component of this course and is available to eligible students.</p>
0639	ROPAutoEngPerf	<p>Auto: Engine Performance Grade Level:9-12 * Prerequisite:None</p> <p>Students learn to locate and interpret vehicle component identification numbers, check and adjust ignition systems timing and timing advance/retard, emission component service, and computerized engine control system data and service. Hands-on training includes the use of scan tools to determine the causes and to make corrections related to engine performance.</p> <p>This course articulates with San Bernardino Valley College and Riverside Community College for possible college credit. Only one course at the community college level will be articulated for any combination of these auto shop courses.</p>

Course ID	Course title	Course Description
0703	ROP/PrsFitTrain	<p>Personal Fitness Trainer Grade Level:11-12 Prerequisite:None</p> <p>Personal Fitness Trainers are responsible for applying fundamental exercise science and fitness program design principles for the achievement of health and fitness goals of clients and fitness enthusiasts in a public or private setting. Personal trainers implement and promote the use of safe and effective exercise prescription through appropriate client screening, consultation, and evaluation. Personal trainers motivate and educate their clients, and other fitness enthusiasts, in an effort to improve levels of fitness and maintain an enhanced health and well-being. The information covered by this course helps students learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardio-respiratory fitness, and muscular endurance and strength.</p>
0704	ROP Retail Merc	<p>Retail Merchandising Grade Level:10-12 * Prerequisite:None</p> <p>Retail Merchandising is designed to prepare students for employment in the retail industry. Based on industry standards, students demonstrate skills in cash handling, customer relations, inventory control, stocking, risk management, and loss prevention. Students produce visual displays, conduct sales promotions, and generate successful advertising strategies by identifying product features and benefits. Students may receive hands-on training through managing and operating a Student Store in addition to receiving instruction pertinent to employment. Worksite learning is an optional component of this course and is available to eligible students.</p> <p>Crafton Hills College may give three credits for the completion of this course if the student has received a grade of “B” or better, has completed 70% of the course competencies, has applied to CHC, and has notified CRY-ROP of their desire for articulation credit. The CHC application must be submitted within two years of taking the course. Retail Merchandising articulates as three credits for Marketing 106 – Retail Management.</p>
0707	ROP Med Serv Oc	<p>Medical Services Occupations Grade Level:9-12 * Prerequisite for Medical Terminology – Front Office</p> <p>This is an excellent choice for students interested in entering the vast health care profession. Students receive instruction in career path options, related mathematics, medical terminology, basic anatomy and physiology, infection control, nutrition, legal and ethical principles, how to take vital signs, and Safety/First Aid. Repeat: Teacher permission only.</p>

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Course ID	Course title	Course Description
0752	ROPSprtMed/Thpy	<p>Sports Medicine and Physical Therapy Grade Level:10-12 * Prerequisite:None</p> <p>This introductory course is designed for students who are interested in the practical and theoretical aspects of sports injury prevention, recognition, treatment, and care of sports-related injuries. Students learn basic anatomy and physiology of the human body, mechanisms of a sports injury, basic injury evaluation, sports therapy modalities including taping, wrapping, protective bracing, equipment fitting, follow up care, and use of equipment and techniques to aid patients in rehabilitation. Further academic skills are required to become a certified athletic trainer. Worksite learning is an optional component of this course and is available to eligible students.</p>
0754	ROP SmBusOM	<p>Small Business Ownership & Management (15 year olds may register for this class) Grade Level:10-12 * Prerequisite:None</p> <p>This course is designed to teach individuals to perform marketing and management functions and tasks associated with owning and operating a small business. Students develop a business plan, learn appropriate customer service and human relation skills, and demonstrate positive work habits. Worksite learning is an optional component and is available to eligible student.</p> <p>Small Business Ownership and Management articulates with Crafton Hills College for possible college credit. Crafton Hills College may give three credits for the completion of this course if the student has received a grade of “B” or better, has completed 70% of the course competencies, has applied to CHC, and has notified CRY-ROP of their desire for articulation credit. The CHC application must be submitted within two years of taking the course. Small Business Ownership and Management articulates as three credits for Business Administration 105 – Small Business Management. Repeat: Yes</p>
0760	ROP Const Tech	<p>Construction Technology Grade Level:9-12 * Prerequisite:None</p> <p>This course includes instruction in construction math, vocabulary, blueprint design and reading, introduction to tools, equipment, building construction materials, and pre-employment skills. Students will participate in hands-on activities and cover topic-specific competencies to learn the fundamentals of layout and framing, interior carpentry, roof framing, electrical, plumbing, masonry, and finish work. Repeat: Yes</p>

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Course ID	Course title	Course Description
0765	ROP Med Frt Off	<p>Medical Terminology/Medical Front Office Grade Level:10-12 * Prerequisite:Students must register for both Medical Terminology and Medical Front Office. Each course is one semester long.</p> <p>These courses are excellent for students interested in pursuing a medical career and for those students wanting to enhance their scientific knowledge of anatomy, physiology, and body systems. Students learn medical terminology in relation to various body systems and medical procedures. Proper use of roots, prefixes and suffixes will be studied in the formation of medical words.</p>
0985	Lib Svc Aide	<p>Library Services Aide Grade Level:11-12 Prerequisite:Prior approval of Librarian</p> <p>Students learn library operating procedures, including the use of the electronic catalog, checking out books, shelving books according to the Dewey Decimal System, and assisting students and faculty to locate library resources. Good academic standing, good attendance standing, and a positive behavior record are mandatory.</p>
0990	Office Asst	<p>Office Assistant Grade Level:11-12 Prerequisite:Prior approval of the adult supervisor</p> <p>Students assist in an office under the direct guidance of an adult supervisor. Some duties may include: delivering passes, filing, answering telephones, and performing tasks as assigned. Most important is a student's ability to work with other students, teachers, and the public in a professional manner. Students wishing to apply for the position of Office Assistant must be reliable, honest, and hardworking. Good academic standing, good attendance standing, and a positive behavior record are mandatory.</p>
0999	TA	<p>Teacher Assistant Grade Level:11-12 Prerequisite:Prior approval of the teacher</p> <p>Students assist a teacher in accordance with the teacher's needs. Some duties may include: recording assignments in roll book, collecting homework, and helping students with assignments. Students wishing to apply for the position of TA must be reliable, honest, and hardworking. Good academic standing, good attendance standing, and a positive behavior record are mandatory.</p>

Course ID	Course title	Course Description
1046	Intro/Design I	<p>Introduction to Design Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:Students must be concurrently enrolled in geometry</p> <p>This course is first in a series of four in the Science, Technology, Engineering, Math (STEM) Academy course sequence which promotes science and mathematics in schools.</p> <p>This accelerated curriculum helps students become better prepared for engineering-based college-level courses. This year long course of study uses project-based, hands-on experience to teach students the key elements and skills of engineering and technology-based careers by immersing them in real-world engineering problems. The primary focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. The 3-D CAD software “Autodesk Inventor” is the primary tool for developing design skill and for the development and exploration of projects. This course is the entry level engineering course that develops skills and the knowledge needed for the second and third year courses, such as Principles of Engineering and Architecture.</p>
1047	Civ.Eng/Arc.Des	<p>Civil Engineering/Architectural Design (CEA) Grade Level:11-12 Meets UC/CSU A-G requirement Prerequisite:Successful completion of Principles of Engineering</p> <p>This course is part of the Science, Technology, Engineering, Math (STEM) Academy which promotes science and mathematics in schools.</p> <p>This course builds upon principles introduced in the prerequisite courses of Introduction to Design and Principles of Engineering. Students apply what they learn about various aspects of civil engineering to the design and development of property. Students work in teams to explore hands-on activities and projects to learn the characteristics of civil engineering and architecture. The course incorporates mathematical functions that are used in the engineering and architectural fields. In addition, students use 3D design software to help them design solutions to solve major course projects. During this course students will learn about documenting the various aspects of their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineers and architects.</p>

Course ID	Course title	Course Description
1048	Eng Des & Devel	<p>Engineering Design and Development Grade Level:11-12 Meets UC/CSU A-G requirement Prerequisite:Successful completion of Introduction to Design, Principles of Engineering, and Civil Engineering and Architecture (CEA)</p> <p>This course is part of the Science, Technology, Engineering, Math (STEM) Academy which promotes science and mathematics in schools.</p> <p>This course builds upon principles introduced in the prerequisite courses of Introduction to Design, Principles of Engineering, and Civil Engineering and Architecture and allows the students to apply the principles and skills learned in the previous courses. It is a capstone course which allows students to design a solution to a technical problem of their choosing. This is an engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem. Throughout the design process students use and apply mathematical functions and scientific theories. The use of 3D design software helps students design solutions to the problems chosen. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. This course also engages students in time management and teamwork skills.</p>
1049	Princ/Engineer	<p>Principals of Engineering Grade Level:10-12 Meets UC/CSU A-G requirement Prerequisite:Successful completion of Introduction to Design</p> <p>This course does not satisfy the Fine Arts graduation requirements.</p> <p>This course builds upon and further explores principles taught in the Introduction to Design course. It examines technology systems and manufacturing processes and addresses the social and political consequences of technological change. This course looks at the mathematical functions used within the engineering field. This accelerated curriculum helps students become better prepared for college-level courses. Principles of Engineering uses project-based, hands-on experiences to teach students the key mathematical elements and skills of engineering and technology-based careers by immersing them in real world engineering problems.</p>

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Course ID	Course title	Course Description
1226	Hon Geometry	<p>Honors Geometry Grade Level:9 Meets UC/CSU A-G and NCAA requirements</p> <p>This class is an accelerated college preparatory course designed for students who desire a more academically challenging course of study. Success in Honors Geometry is often attained by a student who is self-motivated, who is disciplined in their studies, and is willing to accept responsibility for reaching their maximum potential academically. Course content includes not only basic background, but also in-depth instruction in deductive reasoning. It relates especially to Euclidean principles in working with both plane and solid geometric figures. The course integrates the student's knowledge of algebra with geometry relationships and problem solving using relationships in a fast-paced accelerated environment. NOTE: Students and parents are advised to confer with and receive input from their student's 8th grade math teacher prior to registering for this class.</p>
1237	AP Physics 1	<p>A.P. Physics (weighted) Grade Level:11-12 Meets UC/CSU A-G and NCAA requirements Prerequisites:Completion of Algebra 2 with a grade of "C" or better. Chemistry is recommended, but not required. Co-requisite: Concurrent enrollment in Trigonometry is a minimum, completion is recommended but not required.</p> <p>This course prepares the student for the A.P. Physics "B" test. This course is a quantitative study of our physical world. It draws heavily on mathematical interpretations of matter and energy transactions. There is a focus on Newtonian mechanics, electricity, magnetism, wave motion, lights, and nuclear and atomic physics. This is a laboratory course.</p>
1267	Concert Band	<p>Concert Band Grade Level:9-12 Meets UC/CSU A-G requirement Prerequisite:Consent of the instructor and at least one year experience on woodwind, brass or concert percussion in a middle school band program</p> <p>The Concert Band is the instrumental music course highly recommended to all instrumental musicians at Yucaipa High School who have not yet taken one year of high school band. A student does not need to pass an audition as in the Wind Ensemble, but players should have a minimum of one to two years playing experience in a school band or orchestra. All continuing students are placed in their chair order based on audition/final placement from the previous semester. Instrumentation includes all standard woodwinds, brass, and percussion instruments. Incoming students must have played an instrument for at least one year. Students continue expanding their knowledge of the elements of music (dynamics, form, harmony, pitch, rhythm, tempo, texture, and timbre). Class requirements are planned in accordance with the California State Music Standards and National Standards for Music Education. Performances include band festivals/competitions and local and community venues.</p>

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Course ID	Course title	Course Description
1457	ROP/CMA	<p>Clinical Medical Assistant (CMA) Grade Level:11-12 Prerequisite:Medial Terminology/Medical Front Office is a pre-requisite or co-requisite for enrollment in this class. A negative TB test is required for participation in worksite learning.</p> <p>This course runs as a two-hour block that may extend to before or after school. This course is designed to teach students those clinical skills necessary for employment in a variety of medical settings. Students practice medical terminology, anatomy and physiology, vital signs, medical/surgical asepsis, physical examination, basic electrocardiography, basic pharmacology, assisting with diagnostic and therapeutic procedures, and laboratory procedures. Worksite learning is an optional component of this course and is available to eligible students. A negative TB test is required for participation in worksite learning.</p>
2237	Prin Bio Med	<p>Repeat: Yes Principles of the Biomedical Sciences Grade Level:9-12 Pending UC/CSU A-G and NCAA approval</p> <p>Students explore biology concepts through the study of human diseases. Students determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine and research processes.</p>
7901	Ath. Cond.	<p>Athletic Conditioning Grade Level:9-12 Prerequisite:Varsity athlete and coach's recommendation</p> <p>This course is designed to provide advanced weight training and strength conditioning for various varsity athletes. If you are interested in Athletic Conditioning, please discuss this option with the team coach.</p>