

**Course Selection Guide 2019-2020
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Julie Synyard, Section 504 Coordinator
7165 Burton Avenue Rohnert Park, CA 94928 (707) 285-2076

The Cotati-Rohnert Park Unified School District recognizes its obligation to provide overall program accessibility throughout the District for disabled persons. Contact the Section 504 Coordinator to obtain information as to the existence and location of services, activities, and facilities that are accessible to and usable by handicapped persons.

Inquiries regarding Federal laws and regulations concerning nondiscrimination in education or the District's compliance with those provisions may also be directed to:

Office for Civil Rights
U.S. Department of Education
50 Beale Street, Suite 7200
San Francisco, CA 94105
Telephone: (415) 486-5555
Fax: (415) 486-5570
TTY (877) 521-2172

AVISO DE NO-DISCRIMINACIÓN

El Distrito Escolar Unificado de Cotati-Rohnert Park no discrimina debido a raza, color, origen nacional, identificación con grupo étnico, ascendencia, credo religioso, género, sexo, orientación sexual, o edad, o discapacidad mental o física, o la percepción de una o más de tales características, en ninguna de sus políticas, procedimientos y prácticas, ni consiente tal conducta por sus oficiales, empleados, agentes, o estudiantes. Esta política se adoptó según el Título VI del Acto de Derechos Civiles de 1964 (relacionado a la raza, color, y origen nacional), el Título VII del Acto de Derechos Civiles de 1974 (relacionado a la raza, color, sexo, incluso el hostigamiento sexual, edad y origen nacional), el Título IX de las Enmiendas de Educación de 1972 (relacionado al sexo), la Sección 504 del Acto de Rehabilitación de 1973 (relacionado a las discapacidades), el Acto de Discriminación de Edad de 1975 (relacionado a edad) y la Sección 12940 del Código Gubernamental de California y Sección 220 del Código de Educación de California (relacionado a orientación sexual). Esta política de no-discriminación comprende la admisión y acceso a, y el tratamiento y empleo en, los programas y actividades del Distrito, incluso la educación técnica profesional (Career/Technical Education). Si tiene preguntas acerca de las políticas de igualdad de oportunidad, la presentación de quejas, o para pedir una copia de los procedimientos para presentar una queja relacionada a la discriminación comuníquese con:

El Distrito Escolar Unificado de Cotati-Rohnert Park reconoce su obligación de ofrecer a personas discapacitadas acceso al programa en su totalidad a través del Distrito. Comuníquese con el Coordinador de Sección 504 para obtener información sobre la existencia y lugar de servicios, actividades y lugares disponibles y accesibles a las personas con incapacidades.

Para preguntas sobre las leyes y regulaciones federales acerca de la no-discriminación en la educación o el cumplimiento con dichas provisiones por el Distrito comuníquese con:

GUIDANCE SERVICES

The student support services at Rancho Cotate High School include: counseling focused on education planning, life-career planning, information and decision strategies for post-secondary education/vocational institutions, financial aid/vocation counseling, and personal/special counseling. Each student is assigned a counselor (by alpha) who will help plan her/his academic program and keep track of all necessary graduation credits.

Rancho Cotate High School Guidance Staff

Name	Caseload Alpha	Email Address	Office phone
Leonor Goff	A-DIA	Leonor_Goff@crpusd.org	792-4768
Mishale Ballinger	DIB-LEM	Mishale_Ballinger@crpusd.org	792-4776
Erin Lane	LEN-REM	Erin_Lane@crpusd.org	792-4782
Sandra Brito	REN-Z	Sandra_Brito@crpusd.org	792-4767
Jess Hazlewood	College & Career Counselor	Jess_Hazlewood@crpusd.org	
Rebecca Greenwell	Psychologist	Rebecca_Greenwell@crpusd.org	
Michelle Norman	Student Records Clerk	Michelle_Norman@crpusd.org	792-4763

Students and parents may make appointments to see a counselor at any time.
Call **707-792-4763** and ask for Counseling Center to schedule an appointment.

Communication Links - A good school guidance program depends on students and parents' accessing available resources. Please look at the following internet sites for valuable information on College and Career Readiness.

rchs.crpusd.org – This is our school website. You will find an electronic copy of this Cougar Tracks curriculum guide along with a calendar of important dates and presentations.

www.collegeboard.org – This site provides information on all colleges. You will be able to search for information on any college or university on this site.

student.naviance.com/ranchocotate - This is our school Naviance log in. All students can access this resource with their personal user name and password. Provides college and career exploration and scholarship information.

www.universityofcalifornia.edu – This site provides information including admissions, program offerings & facilities, for any of the 10 UC campus locations.

www2.calstate.edu/apply – This site provides information including admissions, program offerings & facilities, for any of the 23 CSU campus locations.

www.santarosa.edu - This site provides information including admissions, program offerings & facilities for Santa Rosa Junior College.

COLLEGE & UNIVERSITY GUIDELINE

The following example demonstrates qualified entrance requirements for University of California, California State University, or Independent/Private College. Please check with the school of your choice(s) to ensure compliance.

CSU/UC Req.	9th Grade	10th Grade	11th Grade	12th Grade
“a” History/Social Science	World History	World History AP World History	US History AP US History	Government Economics AP Government AP Economics
“b” English	English 9 English 9 Honors	English 10 English 10 Honors	English 11 AP English Literature	ERWC Shakespeare AP English Language
“c” Mathematics	Algebra 1 Algebra 1 Honors	Algebra C/D Geometry Algebra 2 Algebra 2 Honors	Algebra 2 Algebra 2 Honors Pre-calculus	Pre-calculus AP Statistics AP Calculus
“d” Lab Science	Biology Princ. of BioMed	Biology Chemistry Princ. of BioMed	Biology 2 Anatomy Physics Human Body System AP Physics AP Chemistry AP Biology Medical Interventions	Biology 2 Anatomy Physics Chemistry AP Physics AP Chemistry AP Biology Medical Interventions
“e” Language other Than English	Spanish 1 French 1	Spanish 2 French 2	Spanish 3 French 3	AP Spanish AP French
“f” Visual and Performing Arts	Visual or Performing Art Class**	Visual or Performing Art Class**	Visual or Performing Art Class**	Visual or Performing Art Class**
“g” College Prep Elective	College Prep Elective	College Prep Elective	College Prep Elective	College Prep Elective
High School Requirements not aligned for meeting “a-g”.	P.E. 9	Team Sports/Yoga/ Soccer/Weights/ Dance*		

*Student athletes and Band students may apply for a waiver of the requirement for 2nd year of Physical Education per Education Code 51241.

**Only one year of a Visual and Performing Art class is required for college entrance eligibility. It can be taken in any of the four years of high school.

FRESHMAN ACADEMIES

Beginning in the 2019-2020 school year, Rancho Cotate High School will be offering academies for all freshmen. Each academy will feature a team of three teachers: (English, World History and a focus area) who will share the same students, have the same prep period and will coordinate interdisciplinary, integrated projects centered around the focus area. The academy focus areas are: Drama Production, Film, Biomedical, Careers in Sport and Computer Science.

DRAMA PRODUCTION

The three core classes consist of Drama, English 9 and World History. This academy will cater to a wide variety of student interests. Drama production requires set designers, construction, make-up, lighting, sound, marketing, publicity, management and, of course, performance. The academy will have a production each semester in our new theatre.

CAREERS IN SPORT

The three core classes consist of Sports Management, English 9 and World History. Students will study the business models of sports agencies, examine the history of sports across time and place, read first person narratives from the world of sport, explore careers in sport including facility management, psychology, medicine, accounting and finance.

FILM

The three core classes consist of Intro to Filmmaking, English 9 and World History. Students in this academy will learn the technical aspects of filmmaking and broadcast, study films across cultures and learn to critically evaluate media.

COMPUTER SCIENCE

The three core classes consist of Intro to Computer Science, English 9 and World History. Students will explore careers in computer science, learn about the different conceptual ideas and tools driving the field, delve into the ethical issue surrounding technology and explore the history of technological innovation across time and place.

BIOMEDICAL

The three core classes consist of Principles of Biomedical Science, English 9 and World History. Students will explore careers in biology and medicine, conduct investigations into the death of a fictional person, explore the history and ethics of medical and scientific knowledge across cultures and delve into first person accounts of the medical field.

FRESHMAN FOUNDATIONS

FRESHMAN FOUNDATIONS

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

Freshman Foundations is an academic elective that prepares students for success in high school, college and career. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. The year is divided into four units which take place each quarter: Academic Foundations, Career Foundations, Health Foundations, and Social Emotional Foundations. Social Emotional Foundations focuses on building self-confidence and communication skills. Academic Foundations develops awareness of the values accompanying academic goals and success as well as study skills. Health Foundations covers alcohol and drug awareness as well as sex education. Career Foundations includes career exploration and digital citizenship.

SOCIAL SCIENCE

WORLD GEOGRAPHY HONORS*

Geography: The World and Its People

Length of course	Year
Grade level	9-12
Prerequisite	Concurrent enrollment in English 9 Honors recommended for 9th grade students.
Grad requirement	Elective
UC/CSU requirement	"g"

This academic course covers physical and cultural geography of the world. Students will be prepared to develop the skills for reading and organizing information about people, places, and environments. This course will engage students to learn about how human actions modify the physical environment, as well as how culture and experience influence people's perceptions of places and regions. Students will be introduced to cultures from around the world. In addition, students will acquire the skills to foster inquiry in geography, to critically analyze and interpret information, apply the skills of cartography, and recognize and apply the five basic themes of geography. This course gives students a solid foundation in Social Studies. **It is highly recommended for students who have an interest in following an academic pathway to Advanced Placement Social Science courses.**

* Weighted Class (high school only)

** Weighted Class (high school and college)

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

WORLD HISTORY

Length of course	Year
Grade Level	9
Prerequisite	None
Grad requirement	Social Science
UC/CSU requirement	"a"

This college prep history/social science course examines the major turning points of the modern world from approximately 1750 to the present. Components of this class include: Historical Linkage, the French Revolution, the Industrial Revolution, the Rise of Imperialism and Colonialism, World War I, Totalitarianism, World War II and Nationalism. Students will develop an understanding of the historic as well as the contemporary geographic, social, political and economic consequences of the various areas and problems they review.

AP WORLD HISTORY**

Length of course	Year
Grade Level	9-10
Prerequisite	Teacher recommendation; World Geography suggested
Grad requirement	Social Science
UC/CSU requirement	"a"

This course is designed to mirror a college level survey course in World History. This highly rigorous course requires students to read and analyze primary and secondary source materials, write college-level essays, and cover a large amount of content. It provides a variety of ways to link today's world to the lives of people from the Post-Classical Era (1200 CE) through the societies of the twentieth century. Prominent themes encourage the better understanding of a variety of different societies within four eras (periods) of world history. Students will develop skills to help them successfully investigate causation, comparison and continuity and change over time of historical trends and patterns. Instructional practices include contextualization, thesis development, organizing evidence, and supporting claims using document-based analysis. Assessment in the course is done through reading tests, unit tests, classroom assignments and essays. This work culminates in the AP examination in the Spring, which all students are expected to take.

SOCIAL SCIENCE

U.S. HISTORY

Length of course	Year
Grade Level	11
Prerequisite	None
Grad requirement	Social Science
UC/CSU requirement	"a"

This course begins with a review of the settlement of the colonies of the American Revolution, to Westward Expansion, the Civil War and Reconstruction. Students will then examine the major turning points in American History from the Industrial Revolution through the twentieth century. Highlights of the course are the struggles for equality (African Americans, American Indians, women), immigration, rise of industry and labor unions, Progressivism, the Great Depression, U.S. foreign wars and foreign policy, and America's present global and domestic advancements and challenges. Students will understand the diverse cultures and ethnic groups that contributed to the making of America's social fabric and understand the political development of American democracy. Over the course of the year, students will be asked to confront questions involving issues of identity, morality, and progress.

AP U.S. HISTORY**

Length of course	Year
Grade Level	11
Prerequisite	Previous English & History grade of "B" or better; Teacher rec.
Grad requirement	Social Science
UC/CSU requirement	"a"

This course is designed to mirror a college level survey course in American History. Students taking this course will acquire the factual knowledge and analytical skills to better understand the issues and problems that confronted the United States in its past as well as having a better understanding of current issues in American society. In addition, students will develop the necessary reading, writing and critical thinking skills that will allow them to be successful in different subject areas as college students. Students who successfully complete this course and pass the AP Exam in United States History will earn college credit for the course and will be prepared to take more advanced courses in American History at the college level.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SOCIAL SCIENCE

GOVERNMENT

Length of course	Semester
Grade Level	12
Prerequisite	None
Grad requirement	Social Science
UC/CSU requirement	"a"

In this course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American Government.

In addition, they draw on their studies of world and American history and geography and other societies to compare differences and similarities in world governmental systems today. The overall goal of this course is to help students understand and to participate in the governmental process, and to be a responsible citizen of the modern world.

AP U.S. GOVERNMENT AND POLITICS**

Length of course	Semester
Grade Level	12
Prerequisite	Teacher recommendation
Grad requirement	Social Science
UC/CSU requirement	"a"

The Advanced Placement United States Government and Politics course will give students an analytical perspective on government and policies in the United States. This course includes both the study of theoretical concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behavior and outcomes. These certain topics that are usually covered in all college courses.

The students will know important facts, concepts and theories pertaining to U.S. government and politics. They will understand typical patterns of political processes and behavior, the principals used to explain or justify various governmental structures and procedures, and the political effects of these structures and procedures.

ECONOMICS

Length of course	Semester
Grade Level	12
Prerequisite	None
Grad requirement	Social Science
UC/CSU requirement	"g"

The general objective of this high school economics course is for students to master fundamental economic concepts, appreciate how the principal concepts of economics relate to each other and understand the structure of economic systems. Students will use economic concepts in a reasoned, careful manner in dealing with personal, community, national and global economic issues. They will use measurement concepts and methods such as tables, charts, graphs, ratios, percentages and index numbers to understand and interpret relevant data. They should learn to make reasoned decisions on economics issues as citizens, workers, consumers, business owners, managers and members of civic groups.

AP MACROECONOMICS**

Length of course	Semester
Grade Level	12
Prerequisite	Teacher recommendation
Grad requirement	Social Science
UC/CSU requirement	"g"

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SOCIAL SCIENCE

PSYCHOLOGY

Length of course	Year
Grade level	11-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

This course includes the study of human behavior, stages of human development, memory, sleeping and dreaming, emotions, personality, mental health and mental disorders, stress and stress management, creative and critical thinking, suicide and suicide prevention, prejudice and stereotyping, aging and an in-depth unit on child development. Class discussions occur daily. Students will administer and participate in occasional experiments. Academic elective available to Seniors (priority) and Juniors with counselor approval/recommendation.

The CTE courses, Sports Psychology and Positive Psychology, are listed on page 43.

ENGLISH LANGUAGE ARTS

ENGLISH 9

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	English
UC/CSU requirement	"b"

This course develops student skills in reading and writing. Emphasis is placed on understanding the rules of grammar and punctuation. Two essays and one expository speech are required each semester. In addition, students work on vocabulary development and increase understanding of basic literary concepts and terminology. *To Kill a Mockingbird*, *Of Mice and Men*, and *Twelfth Night* or *The Merchant of Venice* are among the core works students read. Selections from *The Language of Literature* textbook will also be included to support student understanding of the core material. A speech or Poetry Out Loud is required to satisfy the oral expression Common Core standard.

ENGLISH 9 HONORS*

Length of course	Year
Grade level	9
Prerequisite	Teacher recommendation; Completion of summer reading assignment is required
Grad requirement	English
UC/CSU requirement	"b"

This course begins students on the high school honors pathway with an emphasis on "the hero's journey" and "coming-of-age" themes in literature. There is an emphasis on classroom discussion, textual analysis, and use of literary terms in writing. Students are expected to complete the following texts during the course:

The Odyssey, *The Merchant of Venice*, *Siddhartha*, *The Chosen*, *To Kill a Mockingbird*, *Of Mice and Men*. Selections will also be chosen from *The Language of Literature* textbook. Vocabulary for the course is drawn from the texts. This is a rigorous course that requires serious, hard – working students who are self – disciplined and self – motivated. Transfers will only be allowed at the beginning of each semester.

* Weighted Class (high school only)

ENGLISH LANGUAGE ARTS

ENGLISH 10

Length of course	Year
Grade level	10
Prerequisite	None
Grad requirement	English
UC/CSU requirement	"b"

This course builds on the curriculum of English 9, continuing to place an emphasis on the development of reading and writing skills. Two essays per semester will include persuasive writing or narrative writing and a response to literature. One novel and one play per semester will be read, and vocabulary work will be drawn from the literature and from the text *Vocabulary for Achievement*. A speech or Poetry Out Loud is required.

ENGLISH 10 HONORS*

Length of course	Year
Grade level	10
Prerequisite	Teacher recommendation; Completion of summer reading assignment is required
Grad requirement	English
UC/CSU requirement	"b"

Students of English 10H must be prepared to apply previous learning to enlarge their understanding of British literature from the Anglo-Saxons to GB Shaw. A sonnet project and several research projects and essays are required. Students will learn vocabulary, composition, literary analysis and much more in this year-long course. These students must be committed to the year as honors students in preparation for additional Honors courses and AP Eng 11 and AP Eng 12. Transfers will only be allowed at the beginning of each semester.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

* Weighted Class (high school only)

** Weighted Class (high school and college)

ENGLISH 11

Length of course	Year
Grade level	11
Prerequisite	None
Grad requirement	English
UC/CSU requirement	"b"

This course is a chronological survey of American Literature. Students will begin with an examination of Puritan and Native American Literature and follow the course of American literature in the 20th century. Several novels will be read, and there will be continued work in writing featuring analytical and evaluative essays. Selections from *The Language of Literature* will also be read.

AP ENGLISH LITERATURE AND COMPOSITION**

Length of course	Year
Grade Level	11
Prerequisite	Teacher recommendation; Completion of summer reading assignment is required
Grad requirement	English
UC/CSU requirement	"b"

This course is designed to meet the curricular requirements as described in the *AP English Literature and Composition course description*. Students will read a variety of challenging novels, plays, short works and poetry selected from 16th century literature to the present.

While reading novels, students will be asked often to read 100 pages a week. Students will learn to recognize elements of style and structure (point of view, characterization, tone, diction, symbolism, imagery etc.) and be able to discuss themes.

Students will practice all modes of writing: writing to understand, writing to explain, and writing to evaluate. Students will practice timed in-class writing responses to poems and passages as well as write five formal analyses of major works read, studied and discussed together in class. Through the editing and rewriting of their own work, students will become familiar with correct writing conventions.

ENGLISH LANGUAGE ARTS

CONTEMPORARY LITERATURE

Length of course	Year
Grade Level	12
Prerequisite	None
Grad requirement	English
UC/CSU requirement	“b”

This semester course focuses on novels written in the last four decades. While reading works such as *The Things They Carried*, *Joy Luck Club* and *Snow Falling on Cedars*, students examine the modern writer’s response to the world. Selections from world literature, such as *A Doll’s House*, will also be studied. The syllabus includes some mature reading selections. This class also provides a forum for discussion of current issues. In the fall, students will research and write a research paper. Student writing and speaking skills will receive continued attention in this class. Selections from *The Language of Literature* will be read. ERWC Expository Reading & Writing selections may be included.

ENGLISH 12: SHAKESPEARE

Length of course	Year
Grade Level	12
Prerequisite	No
Grad requirement	English
UC/CSU requirement	“b”

This course is a concentrated study of representative plays and sonnets by William Shakespeare. Students will read and study the plays in depth and view recent film versions of studied plays. Among the plays to be studied are *Hamlet*, *Taming of the Shrew*, *Othello*, *Much Ado About Nothing*, *King Lear*, and *As You like It, Part I*. Selections from world literature, such as *A Doll’s House*, will also be studied. Student writing and speaking skills will receive continued attention. Selections from *The Language of Literature* will be read.

EXPOSITORY READING AND WRITING COURSE

Length of course	Year
Grade Level	12
Prerequisite	None
Grad requirement	English
UC/CSU requirement	“b”

The goal of the Expository Reading and Writing Course is to prepare seniors for the literacy demands of higher education. Through a sequence of rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical and argumentative reading and writing.

The corner-stone of the course – the assignment template-presents a process for helping students reach, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing.

Students 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 will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course memos, associated public documents, and other fiction and non-fiction texts will be the content of analysis. Written assessments and holistic scoring guides conclude each unit.

ENGLISH LANGUAGE ARTS

AP ENGLISH LANGUAGE AND COMPOSITION**

Length of course	Year
Grade Level	12
Prerequisite	Teacher recommendation; Completion of summer reading assignment is required
Grad requirement	English
UC/CSU requirement	“b”

This course focuses on nurturing students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives.

The course is organized according to the requirements and guidelines of the current *AP English Language & Composition Course Description*, and, therefore, students are expected to read critically, think analytically, and communicate clearly both in writing and speech. The units in this course are primarily anchored by themes and follow the American literary periods chronologically. Students will begin with an examination of Puritan Literature and follow the course of American literary thought through the post-modern era. Students will also deliver one presentation per semester. This is a rigorous course that requires mature students who possess advanced skills and strong motivation. Transfers will only be allowed at the beginning of each semester.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SENIOR COMPOSITION

Length of course	Year
Grade level	12
Prerequisite	None
Grad requirement	4th year English option
UC/CSU requirement	No

The year is dedicated to honing the basic essential to writing a competent essay. The year will focus on crafting a variety of writing tasks from a business letter to an argument. Embedded in the course will be an ongoing focus on grammar, usage and mechanics. The course will draw from a variety of articles, essays and non-fiction pieces to strengthen reading comprehension.

LATINO LITERATURE

Length of course	Year
Grade level	12
Prerequisite	None
Grad requirement	4th year English option
UC/CSU requirement	“b” Pending approval

Latino Literature is a course designed to help students develop and enhance their skills in reading, writing, speaking, researching and listening through exploration of different genres written by Latino authors.

ENGLISH LANGUAGE ARTS

ELECTIVES

SPEECH AND DEBATE

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

Students in this year-long course will learn the basics of speech and debate, civics and global citizenry in a project-based learning environment. Throughout the year, students will engage in full classroom debates on myriad topics. The class will focus on core debate skills: rhetoric and argumentation, as well as how to write and deliver oral presentations for rhetorical effectiveness. Whether students have experience with speech and debate or are just developing the skills, this course offers the opportunity to learn, practice and master those skills. Students with a diversity of opinions and backgrounds are encouraged to enroll in the course. The class will offer experience with crafting a variety of written pieces from a business letter to an argumentative essay. Embedded in the course will be an ongoing focus on grammar and good writing. The course will draw from a variety of articles, essays and non-fiction pieces to strengthen reading comprehension.

MATHEMATICS

All Math classes offer supported courses for Special Education and English Learner Students.
A grade of C or better strongly recommended for advancement to subsequent course.

ALGEBRA AB/CD

Length of course	2 Years
Grade level	9-10
Prerequisite	Algebra A: Teacher Recommendation Algebra C: Successful completion of Alg. A/B with a grade of "C" or better
Grad requirement	Math
UC/CSU requirement	"c" (with completion of 2 years - A/B; C/D)

This is a two-year course designed to cover all the topics of Algebra 1A and Algebra 1B. The course counts as two years of mathematics credit for graduation requirements. This course qualifies for only one year of Algebra credit for college entrance purposes. Topics include tools of Algebra, graphing functions, simple equations and inequalities, linear functions, systems of equations, quadratic functions, exponential functions, exponents, right triangles, radical expressions, polynomials, rational expressions and functions.

ALGEBRA 1

Length of course	Year
Grade level	9-10
Prerequisite	None
Grad requirement	Math
UC/CSU requirement	"c"

This course is a preparatory math class for students planning to enter a college or apprenticeship program. This course is designed for students who have done well in previous mathematics courses and want to continue to fulfill college entrance requirements. Topics include the tools of Algebra, graphing functions, simple equations, quadratic functions, exponential functions, exponents, right triangles, radical expressions, polynomials, rational expressions and functions.

ALGEBRA 1 HONORS*

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	Math
UC/CSU requirement	"c"

This course is designed for highly proficient students engaged in meeting and/or exceeding state and district standards in Algebra. Students are prepared for more advanced math courses while they develop algebraic fluency. Students learn concepts central to abstraction and generalization that algebra makes possible. The course is threaded with discussions that allow students to explore and connect algebraic concepts.

MATH LAB

Length of course	Year
Grade level	9-10
Prerequisite	None
Grad requirement	Math
UC/CSU requirement	No

This course is meant to be taken along with Algebra AB/CD as a support lab. In Math Lab, students will explore the most essential concepts for Algebra AB/CD, so that they pass that course with a more thorough understanding. Students will explore when and why common denominators for fractions are needed, how to solve real problems effectively with equations and inequalities, how to read and interpret questions mathematically and how to recognize linear and quadratic patterns, as well as manipulate those patterns.

* Weighted Class (high school only)

MATHEMATICS

GEOMETRY 1

Length of course	Year
Grade level	9-11
Prerequisite	Minimum grade of "C" in Algebra 1
Grad requirement	Math
UC/CSU requirement	"c"

This course is a college preparatory Geometry course designed for students planning on attending a college or apprenticeship program. It includes rigorous mathematical logic based on Euclid's axioms in the study of lines, planes, angles, congruent triangles, parallel lines, polygons, similar triangles, circles, and Geometry solids. Transformations, area, perimeter, and concurrence theorems are also studied.

GEOMETRY 1 HONORS*

Length of course	Year
Grade level	9-10
Prerequisite	Teacher recommendation; Previous math grade of "A"
Grad requirement	Math
UC/CSU requirement	"c"

This course is a college preparatory Geometry course designed for the highly motivated student planning further study in advanced math. It incorporates rigorous mathematical proof based on Euclid's axioms in the study of points, lines, planes, angles & angle relationships, parallel lines & planes, area of plane figures, area & volume of solids (with a focus on cross-sectional area & the notion of ~ as it relates to volume). Polar coordinates, pure logic & truth tables, Coordinate & Transformational Geometry, constructions, and right triangle trigonometry are also studied.

* Weighted Class (high school only)

ALGEBRA 2

Length of course	Year
Grade level	10-12
Prerequisite	Teacher recommendation; Previous math grade of "C" or better
Grad requirement	Math
UC/CSU requirement	"c"

This is a rigorous college-preparatory course that synthesizes and expands concepts from Algebra 1 and Geometry. Students will analyze and manipulate functions so that they can be applied to real-world problems. Primary skills include recognition of the features of linear, quadratic, exponential, radical, rational, and trigonometric functions. Students will make use of rates of change, polynomials, extrema, the unit circle, statistical reasoning and other concepts. Expect an average of one hour of homework and at-home study for each class day.

ALGEBRA 2 HONORS*

Length of course	Year
Grade level	10-12
Prerequisite	Teacher recommendation; previous math grade of "A" in Algebra I and Geometry
Grad requirement	Math
UC/CSU requirement	"c"

The expectations of this class are those of an AP course: expect at least 1-2 hours of study and homework for each class day. This is a highly rigorous college-preparatory course that synthesizes concepts from Geometry and Algebra 1. Students must enter at the beginning of the year having mastered skills for solving equations, naming features of linear functions, and naming features of quadratic functions. Students will analyze and manipulate functions that are linear, quadratic, exponential, radical, rational, and trigonometric. Expect to make use of rates of change, polynomials, extrema, the unit circle, vectors, statistical reasoning, and other concepts.

MATHEMATICS

CONSUMER MATH

Length of course	Year
Grade level	12
Prerequisite	Teacher Recommendation
Grad requirement	Math
UC/CSU requirement	No

This course is designed for seniors needing to fulfill their final ten credits of math for graduation and for seniors that want to take math for a fourth year but are not ready for Pre-Calculus or struggled through Algebra 2. The typical student struggled in Algebra 1 and Geometry and is unprepared for the rigors of Algebra 2 or Pre-Calculus. The course will review and refresh Algebra and Geometry skills as well as cover sequences and series, functions, elementary probability and statistics, problem solving, critical thinking, financial management.

PRE-CALCULUS

Length of course	Year
Grade level	11-12
Prerequisite	Teacher recommendation and successful completion of Algebra 2 or 2H with a grade of "C" or better
Grad requirement	Math
UC/CSU requirement	"c"

This course is designed to prepare students for college mathematics. The course covers matrices, function theory and translations, polynomials and roots, rational expressions, exponential and logarithmic functions and their applications, right triangle trigonometry and its application, trigonometric functions, inverses, and their graphs, trigonometric identities, series, sequences, limits, derivatives, position, velocity and acceleration, free-fall motion, and introduction to statistical analysis.

PRE-CALCULUS HONORS*

Length of course	Year
Grade level	11-12
Prerequisite	Teacher recommendation; Completion of Algebra 2H with grade of "C" or better
Grad requirement	Math
UC/CSU requirement	"c"

This course is designed to prepare students for college mathematics. It is for the highly motivated student planning further study in advanced math. The course presents function theory, including parametrically, piece-wise, & implicitly defined functions; introduction to limits, derivative, & tangent lines; introduction to slope/direction fields; polar coordinates & functions; vectors; sequences & series; trigonometric functions as circular functions; analysis, interpretation, & uses of trigonometric functions & their inverses; trigonometric identities.

* Weighted Class (high school only)

MATHEMATICS

AP CALCULUS**

Length of course	Year
Grade level	11-12
Prerequisite	Teacher recommendation; Completion of Pre-Calculus with grade of "C" or better
Grad requirement	Math Elective
UC/CSU requirement	"c"

This course serves primarily as preparation for the AP exam in Calculus (level AB). The first semester covers differential calculus with the study of functions, limits and continuity, derivatives and all their applications, and L' Hopital's Rule. The second semester covers integral calculus with the study of definite and indefinite integrals, irregular area, volumes of rational solids, motion and free-fall and slope fields.

AP STATISTICS**

Length of course	Year
Grade level	12
Prerequisite	Teacher recommendation; Completion of Pre-Calc with a "C" or Alg. 2H with a "B" or better
Grad requirement	Math Elective
UC/CSU requirement	"c"

This course serves primarily as preparation for the AP exam in Statistics. AP Statistics is designed to introduce students to the major concepts and tools necessary for collecting, analyzing and drawing conclusions from data. The four major themes are exploring and describing data, sampling and experimentation, anticipating and exploring patterns using probability, statistical inference, and hypothesis testing.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SCIENCE

All Science classes offer supported courses for Special Education and English Learner Students.

BIOLOGY 1

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Science
UC/CSU requirement	"d"

This college preparatory, laboratory-based science course covers the study of living things. This course fulfills the "life science" requirement for high school graduation, as well as the UC (a-g) and CSU laboratory science entrance requirements. This course focuses on the study of life by examining the fundamental themes and concepts of cellular biology, genetics, ecology, evolution and anatomy/ physiology. Scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and also examine current biological issues.

BIOLOGY 2: ANATOMY/PHYSIOLOGY

Length of course	Year
Grade level	10-12
Prerequisite	Biology 1 grade of "B" or better
Grad requirement	Science
UC/CSU requirement	"d"

This class provides a generous experience in laboratory investigations of anatomy, physiology, and microbiology. We will cover the body systems, including reproduction and fetal development, diseases, first aid, and environmental problems involving human health. Dissections are optional! This is a valuable course for anyone planning a career in the health and medical fields.

AP BIOLOGY**

Length of course	Year
Grade level	10-12
Prerequisite	Biology grade of "B" or better
Grad requirement	Science
UC/CSU requirement	"d"

Advanced Placement (AP) Biology is designed as an equivalent to a college/university introductory biology course for biology majors.

The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis in an Advanced Placement Biology course is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; a personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. The course is one year and culminates in the AP Biology exam in May. College credits may be earned based on the student's exam scores.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SCIENCE

CHEMISTRY

Length of course	Year
Grade level	10-12
Prerequisite	Algebra 1 grade of "C" or better
Grad requirement	Science
UC/CSU requirement	"d"

This college preparatory laboratory course gives the student a strong foundation in atomic and molecular structure, chemical bonds, conservation of matter & stoichiometry, gases & their properties, acids & bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, nuclear processes, and organic chemistry & biochemistry. Strong math skills are a prerequisite for success in chemistry.

AP CHEMISTRY**

Length of course	Year
Grade level	10-12
Prerequisite	Chemistry grade of "B" or better
Grad requirement	Science
UC/CSU requirement	"d"

Advanced Placement (AP) Chemistry is equivalent to a required college/university introductory course in chemistry for students majoring in any of the sciences, medicine, materials, or engineering. Primary emphasis is on developing a deeper understanding of concepts rather than on memorizing terms. Laboratory work is designed to foster an understanding of chemistry concepts and develop critical thinking skills.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

SCIENCE

AP ENVIRONMENTAL SCIENCE**

Length of course	Year
Grade level	10-12
Prerequisite	Biology grade of "B" or better
Grad requirement	Science
UC/CSU requirement	"d"

The AP Environmental Science course is equivalent to a one semester, college-level Introduction to Environmental Science course. This course will provide students with the scientific principles and methodologies to understand the interrelationships of humans and the natural world. Students will identify and analyze environmental problems, evaluate risks, and examine alternative solutions for resolving those problems. Topics covered include: ecosystem ecology, human population, soil and agriculture, renewable and nonrenewable resource management, urbanization, air and water pollution, climate change, and waste management. The AP Environmental Science course includes a strong laboratory and field investigation component, as well as individual research projects and environmental action projects. Students who complete the AP Environmental Science Exam in May with a score of 3 or higher may receive equivalent college units.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

PHYSICS

Length of course	Year
Grade level	11-12
Prerequisite	Previous or concurrent enrollment in Algebra 2
Grad requirement	Science
UC/CSU requirement	"d"

Ever wonder why things fall? Why do we see some colors but not all? Why can't you hear a sound in a vacuum? What keeps objects in motion? That's physics: a conceptual and mathematical study of the order of the universe. Subjects covered during the first semester include force, motion, collisions, momentum and Energy. Second semester includes light, sound, heat, thermodynamics, electromagnetic, and nuclear radiation. In class projects include, but are not limited to: designing a car and/or bridge, and making a Rube Goldberg machine.

AP PHYSICS**

Length of course	Year
Grade level	10-12
Prerequisite	Physics grade of "B" or better
Grad requirement	Science
UC/CSU requirement	"d"

AP Physics is an algebra-based, year long introductory college-level physics course. Students cultivate their understandings of Physics through inquiry-based investigations as they explore these topics: Newtonian mechanics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotation motion; electrical charge and electrical force; DC circuits; and mechanical waves and sound. AP Physics is designed to be equivalent to the first semester of an introductory college-level algebra-based as well as anyone interested in Physics. It is also a fantastic college preparatory course. As AP Physics is taught over a full school year, there is time for a thorough, in-depth, student centered inquiry activities allowing students to carry out careful experiment and design laboratory practical work to real world questions.

HEALTH SCIENCE

All Science classes offer supported courses for Special Education and English Learner Students.
The courses offered in the Health Science Department begin preparing students for careers in the health profession

PRINCIPLES OF BIOMEDICAL SCIENCES**

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Life Science
UC/CSU requirement	"d" Honors

This is the introductory course in "Project Lead The Way's" Biomedical Sciences Program. This first course is set-up like a "CSI or Crime Scene Investigation" course. 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. Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infection diseases. The activities and projects introduce students to human physiology, medicine and research processes. This course provides an overview of all courses in the Biomedical Sciences program and lays the scientific foundation for subsequent courses.

HUMAN BODY SYSTEMS**

Length of course	Year
Grade level	10-12
Prerequisite	Principles of Biomedical Sciences or Biology with grade "C" or better. Algebra 1 with grade "C" or better.
Grad requirement	Life Science
UC/CSU requirement	"d" Honors

This is the 2nd course in the "Project Lead the Way's" Biomedical Science program that follows Principles of Biomedical Sciences. Students examine the interactions of human body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software such as EKG sensors, heart-rate monitors, accelerometers, dynamometers, spirometers and O2 Gas Sensors to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Students will build organs and tissues on a skeletal manikin, work through interesting real world cases and play the roles of biomedical professionals to solve medical mysteries.

** Weighted Class (high school and college)

HEALTH SCIENCE

All Science classes offer supported courses for Special Education and English Learner Students.
The courses offered in the Health Science Department begin preparing students for careers in the health profession

MEDICAL INTERVENTIONS **

Length of course	Year
Grade level	11-12
Prerequisite	Principles of Biomedical Sciences and Human Body Systems with grade "C" or better. Students may have taken only Principles of Biomedical Sciences upon instructor approval.
Grad requirement	Life Science
UC/CSU requirement	"d" Honors

This is the 3rd course in "Project Lead the Way's" Biomedical Sciences Program. Students will follow the lives of a fictitious family and investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease.

The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the cold in human DNA; how to prevent diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.

** Weighted Class (high school and college)

INTRODUCTION TO KINESIOLOGY

Length of course	Year
Grade level	10-12
Prerequisite	Completion of Biology with a "C" or better
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

Students will learn the basic fundamentals and skills necessary for the field of Kinesiology (The study of human movement). Instruction includes basic anatomy and physiology, assessment, prevention and treatment of athletic injuries, sports nutrition, biomechanics, and performance enhancement philosophies. In addition, students will learn about the possible career pathways within the field of Kinesiology.

HEALTH SCIENCE

MEDICAL TERMINOLOGY

Length of course	Year
Grade level	11-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

This course helps prepare students to work in a variety of medical careers. Introduction to basic principles of medical terminology and vocabulary needed to work in the healthcare field with emphasis on spelling, pronunciation, abbreviations and definition of medical terms.

The goal of the first aid and CPR courses is to provide students with the knowledge and skills necessary in an emergency to call for help, to help keep someone alive; to reduce the pain and to minimize the consequences of injury or sudden illness until advance emergency medical help arrives. Student who pass the course will receive an American Red Cross CPR and First Aid card.

HEALTH CAREERS ACADEMY

Length of course	Year
Grade level	12
Prerequisite	Teacher Recommendation
Grad requirement	Elective
UC/CSU requirement	No

This year-long course is offered through the Santa Rosa Junior College. The Course numbers are (Fall) HLC 121 and HLC 121L (Spring) HLC 122 and HLC 122L. This course is designed to introduce students to healthcare and healthcare careers through lecture. Career exploration will focus on the following health career profiles: medical-surgical, laboratory, pharmacy services, diagnostic imaging, and health information. Anatomy and physiology will be introduced with a focus on the cardiovascular and nervous systems. Students will receive on-the-job training by being placed in local medical facilities.

This class requires the prerequisite that you have successfully completed or are concurrently enrolled in the Medical Terminology course.

Students will be scheduled into this class at periods 4 & 8 with the requirement that you are able to transport yourself to the training facility.

Students will earn 10 credits for successfully completing a semester.

WORLD LANGUAGES

FRENCH 1

Length of course	Year
Grade level	9-12
Prerequisite	Grade of "C" or better in English recommended
Grad requirement	World Language/ Art Elective
UC/CSU requirement	"e"

The instruction in this college prep year-long course is communication-based stressing that students develop thinking, speaking, reading and writing skills in the target language. Cultural knowledge, communication strategies and critical thinking skills are part of the language instruction. Students should expect homework and to spend up to an hour preparing for class.

FRENCH 2

Length of course	Year
Grade level	10-12
Prerequisite	A grade of "C" or better AND French 1 teacher recommendation
Grad requirement	Elective
UC/CSU requirement	"e"

This is a year-long college prep course continuing the work in Level 1, with an emphasis on proficiency in thinking, speaking, reading and writing skills. Students continue exploration of culture, development of communication strategies and critical thinking skills.

Students should expect daily homework and to spend up to 30 minutes daily preparing for class.

Level 1 and 2 courses taken in 7th and 8th grade may be used to fulfill part of this requirement but must include the minimum performance objectives - which are: The ability to sustain a brief conversation on simple everyday topics demonstrating good use of the whole sound system (good pronunciation), and the basic structural patterns in the present, past, and future tenses, and commands; summarize orally and in writing, the main points of a relatively simple reading passage not involving specialized vocabulary.

FRENCH 2 HONORS*

Length of course	Year
Grade level	10-12
Prerequisite	A grade of "C" or better AND French 1 Teacher recommendation Summer assignments may be given at the end of French 1
Grad requirement	Elective
UC/CSU requirement	"e"

This is a rigorous year-long college prep course continuing the work in level 1, with stress on proficiency in thinking, speaking, reading, and writing skills in the target language. Continued exploration of culture and development of communication strategies and critical thinking skills are part of the instruction. Students should expect homework and plan to spend up to 30 minutes preparing for class. Level 1 and 2 courses taken in 7th and 8th grade may be used to fulfill part of this requirement but must include the minimum performance objectives - which are: The ability to sustain a brief conversation on simple everyday topics demonstrating good use of the whole sound system (good pronunciation), and the basic structural patterns in the present, past, and future tenses, the subjunctive, and commands; summarize orally and in writing, the main points of a relatively simple reading passage not involving specialized vocabulary. This is an advanced level for the serious, self-motivated student.

* Weighted Class (high school only)

WORLD LANGUAGES

FRENCH 3

Length of course	Year
Grade level	10-12
Prerequisite	“C” or better AND French 2 teacher recommendation
Grad requirement	Elective
UC/CSU requirement	“e”

A rigorous year-long college prep course. Students will continue to develop the listening and communicative skills needed to express themselves in increasingly more precise and detailed language for productive conversation skills. Students learn to write 3 to 5 paragraph essays and compositions. Students read lengthy authentic materials and learn to summarize and respond to text (non-fiction, literature, and poetry). Students should expect 30-60 minutes of daily homework and preparation as well as more long-term assignments. This is an advanced level for the serious, self-motivated student.

FRENCH 3 HONORS*

Length of course	Year
Grade level	10-12
Prerequisite	A grade of “C” or better AND French 2 teacher recommendation Summer assignments may be given at the end of French 2
Grad requirement	Elective
UC/CSU req	“e”

A rigorous year-long college prep course. Students will continue to develop the listening and communicative skills needed to express themselves in increasingly more precise and detailed language for productive conversation skills. Students learn to write 3 to 5 paragraph essays and compositions. Students read lengthy authentic materials and learn to summarize and respond to text (non-fiction, literature, and poetry). Students should expect 30-60 minutes of daily homework and preparation as well as more long-term assignments. This is an advanced level for the serious, self-motivated student. A concentrated effort is made to help students develop linguistic skills and test-taking techniques for those who plan to continue to AP French.

AP FRENCH LANGUAGE**

Length of course	Year
Grade level	11-12
Prerequisite	A grade of “C” or better AND French 3 Honors teacher recommendation Summer assignments may be given at the end of French 3
Grad requirement	Elective
UC/CSU requirement	“e”

The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. This course develops students’ awareness and appreciation of products, both tangible (e.g. tools, books, music) and intangible (e.g. laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes and assumptions that underlie both practices and products). This is a rigorous year-long course. A concentrated effort is made to help students develop linguistic skills and test-taking techniques for those who plan to take the AP French Language and Culture Exam.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

* Weighted Class (high school only)

** Weighted Class (high school and college)

WORLD LANGUAGES

SPANISH 1

Length of course	Year
Grade level	9-12
Prerequisite	“C” or better in English is recommended
Grad requirement	World Language/ Elective
UC/CSU req	“e”

The instruction is communication-based stressing that students develop listening, speaking, reading and writing skills in the target language. Cultural knowledge, communication strategies and critical thinking skills are part of the language instruction. Students should expect homework including but not limited to handouts, vocabulary review, grammar exercises, and listening and reading activities. Students should expect to spend 30-60 minutes weekly preparing for class.

SPANISH 2

Length of course	Year
Grade level	10-12
Prerequisite	A grade of “C” or better in Spanish 1 AND Spanish 1 teacher recommendation
Grad requirement	Elective
UC/CSU requirement	“e”

This is a year-long college prep course continuing the work of Level 1, with an emphasis on proficiency in listening, speaking, reading and writing skills. Students continue exploration of culture, development of communication strategies and critical thinking skills. Students should expect to spend an hour to an hour and a half weekly preparing for class. Students will learn to sustain a brief conversation on simple everyday topics demonstrating good use of the whole sound system (good pronunciation), and the basic structural patterns in the present, past, and future tenses, the subjunctive, and commands; summarize orally and in writing, the main points of a relatively simple reading passage not involving specialized vocabulary.

SPANISH 2 HONORS*

Length of course	Year
Grade level	10-12
Prerequisite	“C” or better in Spanish 1 AND Spanish 1 teacher recommendation. Summer assignments may be given at the end of Spanish 1
Grad requirement	Elective
UC/CSU requirement	“e”

This is a rigorous year-long college prep course continuing the work in level 1, with stress on proficiency in listening, speaking, reading, and writing skills in the target language. Continued exploration of culture and development of communication strategies and critical thinking skills are part of the instruction. Students should expect to spend an hour to an hour and a half weekly preparing for class. Students will learn to sustain a brief conversation on simple everyday topics demonstrating good use of the whole sound system (good pronunciation), and the basic structural patterns in the present, past, and future tenses, the subjunctive, and commands; summarize orally and in writing, the main points of a relatively simple reading passage not involving specialized vocabulary. This is an advanced level for the serious, self-motivated student.

* Weighted Class (high school only)

WORLD LANGUAGES

SPANISH 3

Length of course	Year
Grade level	10-12
Prereq.	A grade of "C" or better in Spanish 2 AND Spanish 2 teacher recommendation
Grad req.	Elective
UC/CSU req.	"e"

A rigorous year-long college prep course. Students will continue to develop the listening and communicative skills needed to express themselves in increasingly more precise and detailed language for productive conversation skills. Students learn to write 3 to 5 paragraph essays and compositions. Students read lengthy authentic materials and learn to summarize and respond to text (non-fiction, literature, and poetry). Students should expect an hour and a half to two hours of homework and preparation as well as more long-term assignments. This is an advanced level for the serious, self-motivated student.

SPANISH 3 HONORS*

Length of course	Year
Grade level	10-12
Prereq.	A grade of "C" or better in Spanish 2 AND Spanish 2 Honors teacher rec; Summer assignments may be given at the end of Spanish 2
Grad req.	Elective
UC/CSU req.	"e"

A rigorous year-long college prep course. Students will continue to develop the listening and communicative skills needed to express themselves in increasingly more precise and detailed language for productive conversation skills. Students learn to write 3 to 5 paragraph essays and compositions. Students read lengthy authentic materials and learn to summarize and respond to text (non-fiction, literature, and poetry). Students should expect an hour and a half to two hours of homework and preparation as well as more long-term assignments. This is an advanced level for the mature, serious, self-motivated student. A concentrated effort is made to help students develop linguistic skills and test-taking techniques for those who plan to continue to AP Spanish.

AP SPANISH LANGUAGE**

Length of course	Year
Grade level	11-12
Prerequisite	A grade of "C" or better in Spanish 3 AND Spanish 3 teacher recommendation
Grad requirement	Elective
UC/CSU requirement	"e"

The AP Spanish Language course engages students in an exploration of culture in both contemporary and historical contexts. This course develops students' awareness and appreciation of products, both tangible (e.g. tools, books, music) and intangible (e.g. laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes and assumptions that underlie both practices and products). This is a rigorous year-long course. This is an advanced level for the mature, serious, self-motivated student. A concentrated effort is made to help students develop linguistic skills and test-taking techniques for those who plan to take the AP Spanish Language and Culture Exam.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

* Weighted Class (high school only)

** Weighted Class (high school and college)

WORLD LANGUAGES

SPANISH FOR SPANISH SPEAKERS 1 AND 2

Length of course	Year
Grade level	9-12
Prerequisite	Placement Test; Spanish speaker with reading and writing skills in Spanish
Grad requirement	World Language/ Elective
UC/CSU requirement	"e"

This is a rigorous two-year college prep course for Spanish-speakers offered as an alternative to the Spanish curriculum, which is designed for non-Spanish speakers. This course is for students who wish to improve, enhance and perfect their ability in Spanish and who wish to explore a variety of themes including literature, geography, culture, art, history, music, etc. Grammar and vocabulary, cultural knowledge and critical thinking skills are part of the language instruction.

FILM, LITERATURE & POPULAR CULTURE EN ESPANOL

Length of course	Year
Grade level	11-12
Prerequisite	Spanish Speakers 2 or Spanish 3
Grad requirement	World Language/ Elective
UC/CSU requirement	"e" Pending approval

Students will analyze film, develop an appreciation of film as an art form, compare with other art forms, understand film, literature and popular culture as a cultural product.

VISUAL ARTS

ART 1

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Visual Arts
UC/CSU requirement	"F"

This is the first course in the Visual Arts Pathway and a prerequisite for Art 2, and AP Studio Art because knowledge of the basic skills of art is essential to advanced growth. The first semester consists of basic drawing skills, color theory and elements and principles of design. Students will gain an understanding of these essential art foundations while exploring a variety of art media and techniques. The second semester will focus primarily on 3D Design and sculpture as students apply skills and knowledge from the first semester to new media. It will also be necessary for students to read, write and speak about art as they learn how to analyze and interpret works of arts.

ART 2

Length of course	Year
Grade level	9-12
Prerequisite	"C" or better in Art 1
Grad requirement	Visual Arts
UC/CSU requirement	"F"

This is the second course in the Visual Arts Pathway and a prerequisite for AP Studio Art. Students will expand on media and techniques learned in Art 1 while deepening their understanding of composition, artistic purpose and personal stylistic development. As students create more advanced 2D and 3D works of art, they will focus on communicating and illustrating thoughtful meaning, imaginative ideas, and more complex imagery. Students will continue to develop skills in analyzing and interpreting art and art history.

ART 3

Length of course	Year
Grade level	11-12
Prerequisite	"C" or better in Art 2 or Drawing 2
Grad requirement	Visual Arts
UC/CSU requirement	"F"

This is the third course in the Visual Arts Pathway and a prerequisite for AP Studio Art. Students will expand on media and techniques learned in Art 2 while deepening their understanding of composition, artistic purpose and personal stylistic development. Students will focus on expressing their artistic voices and choose a concentration while beginning to create portfolio work for AP submission. Students will continue to develop skills in analyzing and interpreting art and art history.

VISUAL ARTS

POTTERY 1

Length of course	Year
Grade level	10-12
Prerequisite	Art 1
Grad requirement	Visual Arts
UC/CSU requirement	"F"

This class consists of an overview of ceramic techniques both in construction and surface decoration. The techniques and skills taught will be considered from a socio-cultural/ historical view as well as from contemporary work. Use of the elements of art and principles of design is a central component of this course.

POTTERY 2

Length of course	Year
Grade level	11-12
Prerequisite	"C" or better in Pottery 1
Grad requirement	Visual Arts
UC/CSU requirement	"F"

Students will build on the skills and knowledge from Pottery 1 employing advanced techniques (e.g., composite work from the wheel, and clay and glaze formulation). Sculpture and sculpting techniques will be included in this course. Students will begin working on their own body of work, including Artist Statements, reflection and connection to their work and theme and finish up by building a final portfolio. Their projects will build off of their personal experiences and connect to their lives as a whole.

AP STUDIO ART**

Length of course	Year
Grade level	11-12
Prerequisite	Drawing or Painting
Grad requirement	Visual Arts
UC/CSU requirement	"F"

This Advanced Placement offering is a collegiate level honors studio art class for juniors and seniors who have a higher level of skill and interest in art, and who have had 2 – 3 years of art instruction. Students will create drawings and paintings for submission of a portfolio to the College Board for the possibility of earning college credits.

All students enrolled in AP classes must take the AP Exam in the Spring. Fees can be paid through myschoolbucks.com beginning in August.

** Weighted Class (high school and college)

PERFORMING ARTS

THEATER

VOCALS

DRAMA 1

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Performing Art
UC/CSU requirement	"F"

Students will explore vocal work, improvisation, characterization, script-writing and performance. Students will also study theater history, acting techniques, dramaturgy and various aspects of technical theater.

All students are expected to participate in viewing and critiquing a live theater performance. Each semester culminates in a live theater performance where all students are expected to participate in some aspect of the production.

DRAMA 2

Length of course	Year
Grade level	10-12
Prerequisite	Instructor approval
Grad requirement	Performing Art
UC/CSU requirement	"F"

Emphasis is on acting techniques including working monologues, scenes and characterization in both tragic and comic genres. The class includes study and exploration of historical and contemporary theater arts. All students are expected to engage in playwriting, continual performance and performance critiques as well as viewing and critiquing a live theater performance.

CONCERT CHOIR 1

Length of course	Year
Grade level	9-12
Prerequisite	Audition and Director's approval
Grad requirement	Performing Art
UC/CSU requirement	"F"

Open to all students who have mastered basic vocal and sight-reading skills, and who have acquired an understanding of fundamental music theory concepts. Students must audition for the director before enrolling in this full-year class. This group will perform choral music from a wide variety of styles, genres, and historical periods. Students will continue to receive instruction in correct vocal technique, public performance etiquette, and sight singing.

This group will perform at several concerts, festivals, and community functions, all of which will be held outside of class time. Students are required to attend all performances, and wear concert attire.

TREBLE CHOIR

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Performing Art
UC/CSU requirement	No

Open to all girls who have a desire to sing and perform in a choir. Neither previous experience nor private instruction are required. This group will perform choral music in three and four parts, from a variety of styles, genres and historical periods. Students will continue to receive instruction in correct vocal technique, public performance etiquette, and sight singing with the goal of becoming confident, independent singers. In addition to learning to use their voice, students will learn basic music theory to supplement their music ability. This group will perform at several concerts, festivals and community functions, all of which will be held outside of class time, as well as individual class performances. There is also one academic writing assignment per quarter.

PERFORMING ARTS

BAND

AUXILIARY BAND

Length of course	Year
Grade level	9-12
Prerequisite	Must also be enrolled in Concert/Marching Band
Grad requirement	Performing Art
UC/CSU requirement	No

Open to all students interested in performing as Color Guard and in the Drumline in support of the Marching Band. Students need to have a working knowledge of the pedagogy needed to play percussion instruments and completed at least one year of previous band experience.

SYMPHONIC BAND

Length of course	Year
Grade level	9-12
Prerequisite	Must also be enrolled in Concert/Marching Band
Grad requirement	Performing Arts
UC/CSU requirement	No

Open to any student with a basic mastery of a wind or percussion instrument. This group will perform band literature from a wide variety of styles, genres, and historical periods. Students will learn to demonstrate correct tone equality, intonation, blend, balance, rhythm, phrasing, musical expression, dynamics, articulation, and note accuracy. A major requirement of enrollment in Concert/Marching Band is attendance at Marching Band camp for a week in August. Participation is required at several Band performances annually.

CONCERT AND MARCHING BAND

Length of course	Year
Grade level	9-12
Prerequisite	Recommend basic musicality depending on instrumentation
Grad requirement	Performing Arts
UC/CSU requirement	"F"

Activities will include marching in uniform at all home football games, as well as playing in several concerts and festivals and at some community functions, all of which will be held outside of class time. A major requirement of enrollment in Concert/Marching Band is attendance at Marching Band camp for a week in August. This course fulfills the Fine Arts requirement for graduation.

MUSIC THEORY

Length of course	Year
Grade level	10-12
Prerequisite	Completion of one year of band/choir at the high school level or one year of private instruction from an accredited teacher and special permission from instructor
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

This course is designed to encompass an in-depth study of the fundamental elements of music and promote fluency and quickness with basic music materials. Such courses normally integrate the study of melody, harmony, texture, rhythm and form. Time is devoted to the analysis of notated examples; to the development and acquisition of aural (listening) skills, sight singing and keyboard harmony; and to part writing and harmonization. Students should understand the "why" of music as well as the "what". Students develop a unique melding of intellect, discipline and creativity which is integral to the development of musicianship.

MEDIA ARTS

MEDIA PRODUCTION

DIGITAL PHOTOGRAPHY

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Art
UC/CSU requirement	"f"

The goal of this course is to provide an introduction to the computer as a media tool in conjunction with basic Photographic skills. Students will become familiar with photographic composition and learn basic software tools and techniques using industry standard level software and peripheral devices, culminating in digital images.

DIGITAL PHOTOGRAPHY 2

Length of course	Year
Grade level	9-12
Prerequisite	Successful completion of Digital Photography 1
Grad requirement	Art
UC/CSU requirement	"f"

This course will incorporate current computer software applications in conjunction with advanced photographic skills when using a digital camera. Projects are designed to cultivate camera handling and knowledge, to help students become familiar with various types of photography, and to learn advanced software tools.

YEARBOOK

Length of course	Year
Grade level	9-12
Prerequisite	Application & Teacher approval
Grad requirement	Elective
UC/CSU requirement	No

Students will learn to apply elements of journalistic writing, research, graphics design, & photography in the production of a yearbook. They will experience teamwork & leadership as they work together in production and funding phases of this project. Personal responsibility and self-motivation is emphasized as students are confronted with the responsibilities of meeting deadlines and managing the budget for this production.

DIGITAL ILLUSTRATION AND DESIGN

Length of course	Year
Grade level	9-12
Prerequisite	None - Digital Photography or Graphic Design Strongly Recommended
Grad requirement	Art
UC/CSU requirement	No

The purpose of this course is to introduce students to the ideas and concepts involved in the production of digital art. Students will learn design concepts as well as how to use industry level software and peripheral devices.

CAREER TECHNICAL EDUCATION

FOUNDATION

HOSPITALITY

CTE FOUNDATIONS

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

This CTE Foundations course offers students an excellent chance to explore the many opportunities available to them in Rancho Cotate's Career Technical Education department. Students rotate through four classes – Wood Technologies, Engineering, Filmmaking and Sewing. In each quarter, the students will be learning specific technical skills, industry specific vocabulary, safety skills, and how to work effectively in teams. All of these skills can then be applied to full-year concentrator CTE courses. Additionally, the students will participate in career exploration activities. In this CTE introductory course, students will be taught the fundamental skills outlined on the California Career Technical Education Anchor Standards. These skills are utilized across Rancho Cotate's various CTE classes.

HOSPITALITY, TOURISM, & RECREATION I

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

Hospitality, Tourism and Recreation is a Career Technical Education (CTE) course focused on those pathways. Content includes CTE's anchor standards and content standards and include understanding the major aspects of the HTR industry and its role in all economies; understanding organizational management of lodging; applying effective guest services, sales and financial transaction concepts; understanding the essential aspects of lodging, including reservations and itineraries; understanding organizational structure of theme parks; planning events for a diverse clientele; understanding the value and fundamentals of recreational facilities and services.

HOSPITALITY, TOURISM & RECREATION II

Length of course	Year
Grade level	10-12
Prerequisite	HT&R I
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

This course is dedicated to taking the principles of Hospitality into the real world. An Internship will be required in the Hospitality industry, where students will partner with industry professionals in fields such as: event planning (weddings), tourism (travel), hospitality (hotel concierge), recreation (camp counselors), and/or theme parks. A presentation of the student's internship is also required. This experience will allow students to have real-world experience and build their resume in the Hospitality, Tourism and Recreation industry. Guest speakers, industry-specific projects, and hands-on lessons will be included.

CAREER TECHNICAL EDUCATION

BUSINESS

INTRODUCTION TO BUSINESS

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

Introduction to Business is a course designed for the student to acquire a comprehensive knowledge of how businesses in the United States operate and thrive in the 21st century. The student will learn and acquire workplace and personal finance skills that could positively impact their future, allowing them to navigate and succeed in a business environment. Students will gain historical perspectives on the United States economy, take part in a stock market simulation, learn about management, marketing and other factors that contribute to modern business administration. Students will select a publicly traded company at the beginning of the semester and subsequently produce various academic artifacts through the lens of the chosen organization as a lengthy project to understand how it operates.

ADVANCED BUSINESS STRATEGIES

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

This course is a "Capstone" course designed to engage students' previous understanding of business principles and management to ultimately complete a year-long business project (real or simulated) furthering their experience and education in business. Students will go through the process of creating and proposing a business plan or community service project based upon business principles, ultimately presenting the project to a group of members in the local business community, gaining valuable feedback that will serve them well in the future.

SPORTS MANAGEMENT BUSINESS

Length of course	Year
Grade level	9-12
Recommendation	A working knowledge of computer programs used in business, including Microsoft Word and Excel
Grad requirement	Elective
UC/CSU requirement	"g"

Sports management is an introductory elective course which studies the business of sports and recreation. Students will select a professional sports organization at the beginning of the semester, and subsequently analyze how that organization performs its business activities through research. Many topics will be covered such as history of professional sports, careers in the sports industry, facility management, sports medicine, economics, accounting and finance, sports marketing and much more. Students will also be exposed to many guest speakers from members of the sports industry community.

CAREER TECHNICAL EDUCATION

MEDIA ARTS

3D ANIMATION I

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Visual Arts
UC/CSU requirement	"f"

This Career Technical Education concentrator project-oriented course will introduce students to the fundamentals of animation and modeling. Students will use industry-standard programs such as AutoDesk's Maya to create three-dimensional models of realistic and fantasy images, and will create a professional portfolio of short animations. Lighting, material creation, special effects and the publishing of completed works will also be covered. Students will also learn basic video editing in Adobe PremierePro to produce their work. A basic comfort level with computers is desired but not necessary for this course.

3D ANIMATION II

Length of course	Year
Grade level	10-12
Prerequisite	3D Animation I with a "C" or better
Grad requirement	Visual Arts
UC/CSU requirement	No

This is an advanced class for students who have successfully completed 3D Animation I with a "C" or better and want to work independently on 3D animation projects in Maya. Self-discipline, the ability to work independently, good reading skills and motivation are essential.

GRAPHIC DESIGN I

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Visual Art
UC/CSU requirement	"f"

In this Career Technical Education concentrator course students will use industry-standard programs such as Photoshop, Illustrator, and InDesign and to craft original artwork for print and digital publishing. Students will learn how to manipulate photos, create new digital art, combine work from multiple programs into coherent pieces. Projects include posters, logos, flyers, web pages, original art for gifts and sale. Students will also learn to use professional printers, and convert their work into a variety of media such as stickers, mugs, and t-shirts. A basic comfort level with computers is desired but not necessary for this course.

GRAPHIC DESIGN II

Length of course	Year
Grade level	10-12
Prerequisite	Graphic Design I with a "C" or better
Grad requirement	Elective
UC/CSU requirement	No

Students will continue, in Graphic Design I, to plan, create and publish materials such as branding packages (logos, letterhead, flyers, etc.) in addition to fine art work. Some designers may work with animation and video classes to create materials for 3D models, backgrounds for green screen work and other composited elements. Others will be responsible for design work within the district for groups such as Project Grad, Team Success, Rancho ASB, Lawrence Jones Middle School and others.

CAREER TECHNICAL EDUCATION

MEDIA ARTS

DIGITAL GAME DESIGN

Length of course	Year
Grade level	10-12
Prerequisite	One of the following: Graphic Design, 3D Animation, Exploring Computer Science or AP Computer Science
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

In this course, the world of programming and art collide. Student programmers and student artists apply their current knowledge of programming or art while learning new, as well as, more advanced concepts. The main theme of the course will be game programming and development. Additional academics and skills integrated into the course will be art, story writing/maps, workplace communication, mathematics, physics, and technology. Game Design is intended to be a rigorous course. The curriculum design is comparable to several college level courses utilizing similar concepts and game engine. This is a project based course.

INTRO TO FILMMAKING

Length of course	Year
Grade level	9-12
Prerequisite	Basic computer skills are recommended
Grad requirement	Visual Arts
UC/CSU requirement	"g" Pending approval

In this Career Technical Education concentrator course includes the study of the artistic elements of filmmaking combined with technology expertise of video production and editing. Pre-production, videography, video editing and audio components are used in both individual and group video projects. Students produce school videos such as Homecoming Week, Graduation, and Project Graduation, broadcast sporting events, and create original content in a variety of genres. A basic comfort level with computers is desired but not necessary for this course.

ADVANCED FILMMAKING & BROADCASTING

Length of course	Year
Grade level	10-12
Prerequisite	Intro to Filmmaking
Grad requirement	Visual Arts
UC/CSU requirement	"g" Pending approval

Students in this class will have completed the Intro to Filmmaking class successfully. Advanced Filmmaking will focus on more in-depth pre-production, production, post-production skills, as well as the creation of features. This course will also produce the weekly news broadcast on a weekly basis.

CAREER TECHNICAL EDUCATION

SOCIAL SCIENCE

SPORTS PSYCHOLOGY

Length of course	Year
Grade level	11-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

The purpose of this elective is to introduce students to the field of sports psychology. A new and growing field in the domain of social science, sports psychologists study the evolutionary origin and study the evolutionary origin and history of competition and cooperation; theories of learning and motivation; physical and emotional training; mental imagery and training; goal setting; effective coaching strategies; team processes and individual performance. Through the lens of behavioral, developmental and positive psychology, students will learn the social roots of sports and its overall contribution to society.

POSITIVE PSYCHOLOGY

Length of course	Year
Grade level	11-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

The purpose of this course is to introduce students to the field of positive psychology. The field of positive psychology is different, in that it does not exclusively study psychology within a disease model of psychopathology. Major themes covered in this course will include: neurophysiology of positive psychology, positive emotions, pleasure, happiness, mindfulness, positive thinking, optimism, hope, well-being, character strengths, prosocial behaviors (compassion, empathy, forgiveness etc.) and positive interpersonal relationships.

CAREER TECHNICAL EDUCATION

BUILDING TRADES, DESIGN AND PRODUCTION

INTRODUCTION TO DRAFTING AND DESIGN

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

In CAD (Computer Aided Design) students learn to use industry standard AutoCAD software to create original designs and then get the chance to build their creations in our fully outfitted engineering shop. Students design products and create them using a CNC plasma cutter, CNC router, 3D printer, and other CNC (Computer Numeric Control) machines. This course is a great introduction to careers in technology, engineering, manufacturing and construction.

INTRODUCTION TO DRAFTING AND DESIGN: WOMEN IN ENGINEERING

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

This course has all the excellent opportunities stated in the description for the standard Intro to Drafting and Design course listed above with the added benefit of focusing on women's contributions to building our world. The course is packed with women from industry serving as guest speakers and mentors, and students get the chance to learn about local opportunities for women in engineering fields.

ADVANCED CAD

Length of course	Year
Grade level	10-12
Prerequisite	Intro to Drafting & Design
Grad requirement	Elective
UC/CSU requirement	No

In Advanced CAD students build on the foundation they established in Intro to Drafting and Design.

Students go deeper into 3D modeling and learn to use cutting edge computer controlled equipment to craft their projects. Creative expression, technical mastery, and workplace skills are emphasized in this course.

CAREER TECHNICAL EDUCATION

BUILDING TRADES, DESIGN AND PRODUCTION

WOODWORKING 1

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

Designed for the beginning student interested in woodworking. After becoming familiar with shop safety, the students will move into the lab area. The first three projects will be assigned.

Students will begin to develop an appreciation of good industrial design, craftsmanship, orderly procedures, safe work habits, pride in their individual work, integrity, proper work ethic, and have an understanding of how to use the tools, machines, woods, and devices properly and safely. Employment opportunities in the woodworking and construction trades will be explored.

CAREERS AND WOOD PRODUCTS 2

Length of course	Year
Grade level	10-12
Prerequisite	Woodworking 1
Grad requirement	Elective
UC/CSU requirement	No

Students will be given required projects to reinforce the woodworking and safety skills learned in Woodworking I. The students will then begin on designing, drafting, and with the instructor's permission, begin a project of their choosing. Emphasis is placed upon giving the student an overall understanding of the cabinetmaking process. Quality is emphasized in developing and reading working drawings to produce the finished core project. Opportunities for employment in the woodworking and the construction trades industries are also explored. Through this course the student will develop a confidence in craftsmanship, pride in their individual work, and an appreciation of quality tools, machines, and wood products. Exploration of all opportunities in the construction building trades will be examined.

CABINETMAKING & WOOD PRODUCTS 3

Length of course	Year
Grade level	11-12
Prerequisite	Woodworking 2
Grad requirement	Elective
UC/CSU requirement	No

This course is designed to give the student an opportunity to develop his/her skill as a woodworker beyond the courses in Woodworking I, and II. The student must select a project based upon a certain amount of difficulty and advancement. It may consist of mortise & tenon joinery, construction, door and/or drawer, covered are those subjects dealt with in the previous woodworking courses, but with higher advancement. The areas included are reading working drawings, designing, carcass construction and casework, cabinet and furniture tops/moldings/bases/drawer and door construction, frame and panel components, European 32mm system, inlaying, and high quality staining and finishing procedures.

Upon completion of this course, the student will be prepared to continue training at any accredited trade school, cabinet shop college or university. Exploration of all opportunities in the construction building trades will be examined.

SUSTAINABLE CONSTRUCTION

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

This class prepares the student for employment or continued education in the occupations of Carpentry, Electrical Wiring, Masonry, or Plumbing. This is a basic course, teaching fundamentals of safety, tool use, and basic carpentry, electrical, masonry, and plumbing skills. This course is hands-on and project based.

CAREER TECHNICAL EDUCATION

MANUFACTURING AND PRODUCT DEVELOPMENT

SEWING

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

This sewing class is designed to provide the student with basic sewing skills. The students will learn the functions and features of a sewing machine, proper cutting techniques, various types of seams, how to read and utilize a commercial pattern, and how to select fabric. The class is project-based and the students will be expected to complete eight projects of increasing difficulty over the course of the year.

ADVANCED SEWING

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	No

This advanced sewing class is designed to further enhance the sewing skills acquired in the first year sewing class. In this class, students will learn to read and utilize intermediate and advanced sewing patterns, work with specialty fabrics, and install a variety of closures. Students will complete two teacher assigned projects and four self-selected projects.

FASHION DESIGN AND CONSTRUCTION

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

This course will provide students with an introductory study of sewing, fashion design and the fashion industry. Instruction will cover fashion history, the contributions of famous designers, color theory, textiles, elements of design, hand sewing, machine sewing, pattern usage and development. The class will prepare students for entry-level positions in the fashion world and post-secondary fashion instruction. Additionally, the students will acquire valuable skills for use throughout life.

CAREER TECHNICAL EDUCATION

INFORMATION TECHNOLOGY

INTRO TO COMPUTER SCIENCE

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

Intro to Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal end ethical issues.

EXPLORING COMPUTER SCIENCE

Length of course	Year
Grade level	10-12
Prerequisite	Algebra 1
Grad requirement	Elective
UC/CSU requirement	"g"

Exploring Computer Science (ECS) is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal end ethical issues.

AP COMPUTER SCIENCE A

Length of course	Year
Grade level	11-12
Prerequisite	Algebra 1
Grad requirement	Elective
UC/CSU requirement	"g"

This is the second course in the Computer Science CTE pathway. AP computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to a computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

CAREER TECHNICAL EDUCATION

INFORMATION TECHNOLOGY

INTRO TO PROGRAMMING IN JAVA

Length of course	Year
Grade level	10-12
Prerequisite	Algebra 1
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

This is the first course in the Computer Science CTE Pathway. This course introduces students to basic features of the Java programming language. Students will be introduced to Java primitive and non-primitive data types, control flow constructs, built-in class libraries, Java applets, object-oriented programming concepts such as classes, objects, graphical user interfaces, method overloading, and encapsulation. Assignments and projects will include using built-in and programmer-defined classes, class composition, inheritance and polymorphism, abstract classes, interfaces, performing basic input and output operations, writing applets that incorporate images with a heavy emphasis on algebraic and geometric patterns. At the end of the course, students submit and original comprehensive final project.

MOBILE APP DESIGN

Length of course	Year
Grade level	12
Prerequisite	AP Computer Science A
Grad requirement	Elective
UC/CSU requirement	"g" Pending approval

Aimed at second and third year programming students, this course is designed to build on students' existing knowledge of computer programming and expand it with regard to specific concerns related to mobile app design. We will explore the entire work flow of app development from notes sketched on paper to functional apps which can be downloaded to a device. Students will be exposed to basic universal components, such as buttons and text fields, and then progress to views, tab bars, navigation bars, table views and other more advanced application objects. The course will culminate in studies of industry "best practices" and the production of working mobile applications.

PHYSICAL EDUCATION/ ATHLETICS

All 9th graders are required to enroll in Physical Education.

10th Graders are expected to enroll in Physical Education, but some schedule conflicts require a student to postpone this to the junior or senior year. Students in athletics and marching band may apply for a waiver of the 2nd year requirement.

Physical Education options for 10th, 11th, and 12th graders include Yoga, Team Sports, Soccer, Weights, or Dance.

The following activities are offered in the 9th grade Physical Education Curriculum:

Individual: Badminton, Dance, Fitness Training, Pickleball, Track & Field, Weight training and conditioning.

Team: Basketball, Flag Football, Hockey, Kickball, Lacrosse, Over the Line, Soccer, Softball and Volleyball.

PHYSICAL EDUCATION 9TH GRADE

Length of course	Year
Grade level	9
Prerequisite	None
Grad requirement	Physical Education
UC/CSU requirement	No

This co-ed course is an overview of the fundamental of Physical Education including aerobic and cardiovascular fitness, strength walk and physical fitness testing. A strong emphasis on personal health maintenance and self-evaluation will be supplemented by exposure to various activities with an emphasis on team sport participation.

The focus will be on the development of motor skills, knowledge, and life skills which will lead to a continuing active, healthy life style. Emphasis is on five components of fitness. Activities including cooperation and team building are stressed.

DANCE 1

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

Beginning dance is designed as an introduction to dance and dance choreography. It will cover creative, modern, ballet, jazz, and hip-hop. The class will cover the history of dance as well as famous contributors to the world of dance.

TEAM SPORTS

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

Students will be introduced to team sports. The focus of the class will be work on rules, primary skill development and game play, for team sports, including but not limited to; basketball, volleyball, softball, flag football, speedball, soccer and lacrosse.

SOCCER

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

Students will participate in competitive indoor/outdoor game play in Soccer. Fundamental soccer skills will be honed and applied.

PHYSICAL EDUCATION/ ATHLETICS

BODY AWARENESS, YOGA, MINDFULNESS AND MEDITATION

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

This course is designed to introduce students, to basic body awareness through led instruction, interactive group assignment work, yoga poses, breathing techniques, and relaxation methods of mindfulness and meditation. Students will experience the benefits of stretching, moving, and breathing freely. These techniques can be applied to assist students to remained focused, relieve stress, learn the methods of relaxation, and tap into their inner energy reserves.

Students will:

Acquire basic skills of body awareness, yoga poses and meditation techniques

Develop an understanding of yoga etiquette and terminology

Develop an understanding of individual differences and acquire a non-competitive, positive self-image

Learn and experience the benefits of mindfulness and meditation practices

RECREATIONAL WEIGHT TRAINING

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

This class is intended to teach the student how to use "free weights" and weight machines correctly. This class will help the student to enhance strength, physical fitness, decrease body fat, increase lean muscle mass, and mental discipline through individual weight training programs. This course is also designed for students who have had no experience in weight training but wish to learn about this area of fitness.

WEIGHTS AND ATHLETICS

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

This course is designed for the student-athlete at RCHS. The objective of this course will be to improve flexibility, agility, speed, and strength of the individual through a complete conditioning program. The class includes initial testing to determine baseline values of strength and speed followed by the implementation of strength and conditioning program centered on the Olympic-style lift. Flexibility, plyometrics, and speed conditioning will also be part of the training. Students will be required to demonstrate the bench press and back squat to a level of competency. The goal of the class will be to enhance physical performance while reducing the potential for injuries through the aforementioned training program.

ADVANCED WEIGHT TRAINING

Length of course	Year
Grade level	10-12
Prerequisite	None
Grad requirement	Physical Ed/ Elective
UC/CSU requirement	No

Advanced weight training is a course designed specifically to enhance muscular strength levels in student athletes. Students will test their strength levels, make realistic goals, and refine their lifting technique. Students will be assessed in their ability to improve their own personal strength levels, and in the proper use of safe and effective lifting techniques. This course is designed for athletes, therefore students should be a participant in a fall, winter, or spring sport (school or club).

NON-DEPARTMENTAL COURSES

AVID 1

Length of course	Year
Grade level	9
Prerequisite	Applicaton required; Minimum GPA of 2.5
Grad requirement	Elective
UC/CSU requirement	No

AVID is an elective for the college-bound student that focuses on developing the skills students will need to be successful at both high school and collegiate levels. AVID I will introduce the student to such study skills as Cornell note-taking, binder organization, time management, and test taking strategies. AVID students learn academic strategies and receive tutorial support to enhance success in college preparatory course work. Students are encouraged to take honors and advanced placement courses and are given information about college admissions processes. Students must maintain a GPA of 2.5 or above.

AVID II

Length of course	Year
Grade level	10
Prerequisite	AVID I; Teacher approval
Grad requirement	Elective
UC/CSU requirement	No

This course builds on AVID I. Students are expected to take classes meeting the CSU/UC requirements by enrolling and receiving grades of "C" or better in regular or accelerated English, Geometry or Algebra II, World History regular or AP, and a foreign language course. AVID students learn strategies and receive tutorial support to enhance success in college preparatory course work. Students work individually, as well as in tutor-led collaborative groups. The following concepts are emphasized: Cornell note taking, strategies for effective writing and reading, presentation skills (speaking and listening), test-taking strategies, binder organization and character development. In addition, the course includes activities designed to motivate students to pursue a college education as a post-secondary pathway. AVID students are expected to maintain a GPA of 2.5 or above.

AVID III

Length of course	Year
Grade level	11
Prerequisite	AVID II; Teacher approval
Grad requirement	Elective
UC/CSU requirement	No

This course builds on AVID II. Students are expected to take classes meeting the CSU/UC requirements by enrolling and receiving grades of "C" or better in regular or accelerated English, Geometry or Algebra II, World History regular or AP, and a foreign language course. AVID students learn strategies and receive tutorial support to enhance success in college preparatory course work. Students work individually, as well as in tutor-led collaborative groups. The following concepts are emphasized: Cornell note taking, strategies for effective writing and reading, presentation skills (speaking and listening), test-taking strategies, binder organization and character development. In addition, the course includes activities designed to motivate students to pursue a college education as a post-secondary pathway. AVID students are expected to maintain a GPA of 3.0 or above.

AVID SENIOR SEMINAR

Length of course	Year
Grade level	12
Prerequisite	AVID III; Teacher approval
Grad requirement	Elective
UC/CSU requirement	"g"

This is the fourth year interdisciplinary course for AVID seniors. The course is designed for those students who elect to take a course that prepares them for the rigor required for college work. Students will engage in higher levels of WIC-R (writing, inquiry, collaboration and reading) strategies than experienced in prior years of AVID. These higher levels thinking, reading, writing and oral language skills are needed to prepare students for the level of work required to produce a culminating research project at the end of the senior year. In addition to the academic focus of the AVID Senior Seminar, there are college bound activities, methodologies and tasks that should be achieved during the junior and senior year. Students must maintain a GPA of 3.00 or above.

NON-DEPARTMENTAL COURSES

STUDENT LEADERSHIP

Length of course	Year
Grade level	9-12
Prerequisite	Students must be elected Student Body Officers or appointed commissioners to the student council as required by the ASB Constitution
Grad requirement	Elective
UC/CSU requirement	"g"

This class is designed to teach leadership skills that will enhance school pride, spirit and culture. The class will focus on standards designed by the California Association of Directors of Activities, including public speaking, written communication, service learning, presentation skills, community service, government hierarchy, procedures and group dynamics business marketing, finance accounting, advertising and law while positively impacting the entire study body with numerous campus events including the Canned Food Drive, Homecoming Festivities, rallies, and Unity Week. A research paper/biography of a world leader is required by the UC Regents to make this a UC/CSU approved elective.

LEADERSHIP I

Length of course	Year
Grade level	9-12
Prerequisite	None
Grad requirement	Elective
UC/CSU requirement	"g"

This class is designed to teach individual leadership skills and overall governmental structure which ultimately enhances school pride, spirit and culture as well as the student's personal leadership strengths and individual knowledge of a working government. The class will focus on philanthropy, written and public speaking, community outreach, and governmental procedure as well as speech making, presentation skills, and all other tools to make a successful leader on and off campus. The class will also utilize standards designed by the California Association of Directors of Activities which include public speaking, community service, business marketing, advertising, group dynamics, and more.

PEER HELPING

Length of course	Year
Grade level	10-12
Prerequisite	Application required. Students must be interviewed and selected for this course each May before the next school year.
Grad requirement	Elective
UC/CSU requirement	No

Peer helping is a course designed to provide in-depth leadership training for those students interested in contributing to others throughout the community and within the school environment. Students enrolled in Peer Helping will be required to perform community service for approximately 20 hours per semester, 40 hours within the year, and to complete a portfolio chronicling their experience for the majority of their second semester grade. Community service will include, but is not limited to, hours on and off campus.

OFFICE/TEACHER ASSISTANT

Length of course	Year
Grade level	11-12
Prerequisite	Counselor and Administrator approval; GPA of 2.0
Grad requirement	Elective
UC/CSU requirement	No

Students must demonstrate a good attendance history, and maintain a 2.0 GPA. Selected students will be placed in the Attendance, Guidance, Library, Administration Offices, or Classroom. Typical duties will be to perform basic clerical activities such as filing, collating, duplicating, and classroom message and call slip delivery. Contract must come from teacher or office staff for whom you will be assisting. Contract from teacher/staff you are assisting and parent signature required to be enrolled in this course.

PROGRAMS OFFERED AT RCHS

PHOENIX HIGH SCHOOL PROGRAM

The primary goal of Phoenix High School is to provide a supportive social structure along with academic interventions aimed at keeping students on target for graduation, while preparing them for their future career and college aspirations.

Additionally the staff is there to support their emotional needs.

Each day opens with a "Personal Power" experience in a homeroom environment where healthy choices and personal goals are explored. The core program offers English, Math, Science and History in a project based and integrated environment. All courses are taught by Phoenix staff with Phoenix students. Students meeting all graduation requirements will receive a diploma from Rancho Cotate High School. Students are selected for this program through an application process.

ENGLISH LANGUAGE DEVELOPMENT

English Language Development (ELD) classes are designed to develop English Language Skills for non-native speakers. Through this program, students will be given the opportunity to develop their listening, speaking, reading, and writing skills.

CERTIFICATE OF VOCATIONAL EDUCATION

The Certificate of Vocational Education is a non-diploma track course of completion designed to help smooth the process from adolescence to adulthood by providing a comprehensive academic and vocational program that helps to achieve maximum level of independence, productivity, and fulfillment for students who receive special education services and are on a Certificate of Completion track as determined by the IEP team. The program offers an especially strong focus on vocational skills and employment. Students will participate in hands-on job preparation in a variety of fields, enabling students to discover, learn, and work in areas of interest.