

San Ramon Valley High School Course Catalog



Table of Contents

High School Graduation Requirements	2
Mathematics Pathways	3
High School and College Admission Requirements	4
Personal Course Planning Guide	5
AP/Honors Course Information	6
Regional Occupation Program (ROP)	6
English	7
Math	8
Music (Instrumental/Vocal)	11
Physical Education	13
Science	15
Social Studies	18
Theatre and Performing Arts	21
Visual Arts	21
World Language	22
Career Technical Education	24
Non Departmental	27
Special Education	29
College Information	30
Testing Information	31
NCAA	32
CSU/UC A-G Requirements	33

Personal Course Planning Guide

This guide is designed to help you develop a comprehensive four-year course plan. Your four-year plan should provide an overall picture of the courses at your high school that will be best suited for your educational needs and career goals, as well as for meeting graduation requirements. Be aware that you may make changes in the plan at any point when you change your goals or find that your next course would be too easy/difficult for you due to some unexpected reasons.

All students must enroll in a minimum of six classes each semester. Seven classes each semester are made available. Courses must be carefully selected according to high school graduation requirements, interests, and postsecondary plans. Please follow prerequisites for each course. Schedule changes will be made for the following reasons **ONLY**:

1. Student is in a course completed during the summer.
2. Student needs to repeat a course that was failed.

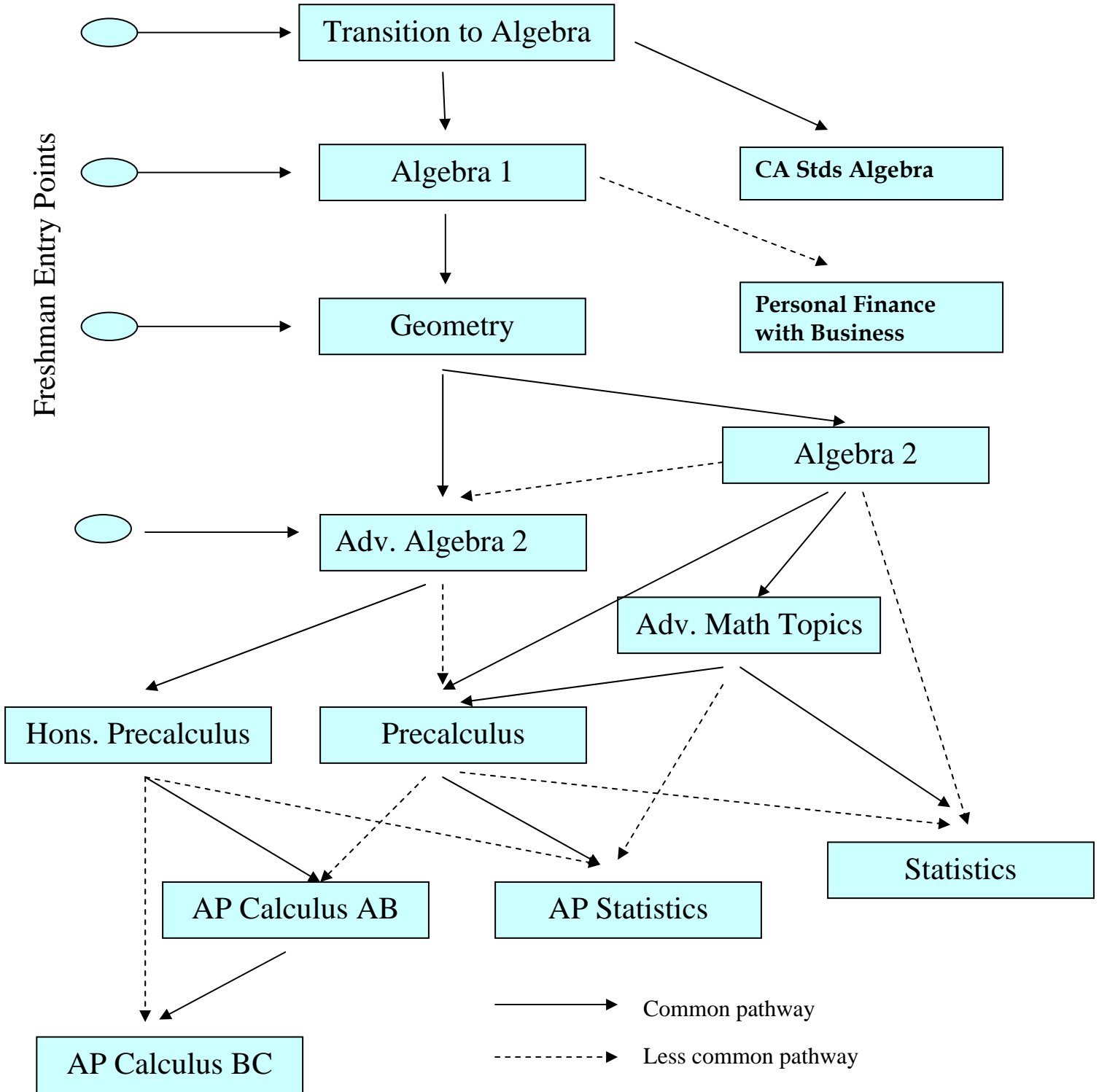
Be sure to provide alternate choices for your elective classes. We will be unable to change elective classes, unless there is a conflict in your schedule (i.e. two classes are offered at the same time).

High School Graduation Requirements

History/Social Sciences World Geography, World History II and III, US History, American Government and Economics	35 Credits
English	40 Credits
Mathematics Minimum requirement-must complete Algebra 1 or equivalent	20 Credits
Science 10 credits of Life Science 10 credits of Physical Science	20 Credits
World Languages/Visual & Performing Arts/Voc/Career Tech & Applied Art 10 credits in TWO of the above THREE areas	20 Credits
Physical Education All 9th graders must participate in P.E. for 10 credits Remaining 10 credits can be obtained in 10-12th grades	20 Credits
Health	5 Credits
Additional credits	80 Credits
TOTAL CREDITS FOR GRADUATION	240 Credits



San Ramon Valley High School Mathematics Pathways



High School and College Admission Requirements

Subject Requirements (A-G)	High School Graduation Requirements	Cal State University	University of California
Social Studies (A)	(35 credits) World Geography World History 2/3 US History 1/2 Gov't/Econ	2 years: 1 yr. World History 1 yr. US History or 1 yr. World History 1 sem. Gov't 1 sem US History	2 years: 1 yr. World History 1 yr. US History or 1 yr. World History 1 sem. Gov't 1 sem US History
English (B)	4 yrs. (40 credits)	4 yrs. CP (40 credits)	4 yrs. CP (40 credits)
Math (C)	2 yrs (20 credits)	Algebra 1 Geometry Algebra 2	Algebra 1 Geometry Algebra 2 4th year recommended
Science (D)	2 yrs (20 credits) 1 yr. Physical and 1yr. Life Science	2 years of lab science (e.g., Biology, Chemistry, Physics, A &P)	2 years of lab science - 3rd year recommended (e.g., Biology, Chemistry, Physics, A &P)
World Language (E)	(20 Credits) required from any two fields	2 yrs of the same language	2 yrs of the same language 3rd year recommended
Visual/Perf. Arts (F)	See World Lang.	1 yr.	1 yr.
Voc. Appl. Arts	See World Lang.	None	None
Health	1 sem (5 credits)	None	None
Physical Education	2 yrs (20 credits)	None	None
Electives (G)	(80 Credits)	1 year (2 semesters) of additional college prep courses	1 year (2 semesters) of additional college prep courses
Total Credits	240 Credits	Grade of C or higher in all college prep courses	Grade of C or higher in all college prep courses
Test Requirements	Pass the California High School Exit Exam (CAHSEE)	SAT Reasoning Test or ACT Assessment	ACT Assessment plus Writing or SAT Reasoning Test and two SAT Subject Tests in two different areas (some majors require SAT subject tests in specific subjects). <i>* Beginning with the class of 2012, the UC's are no longer requiring the SAT Subject Tests.</i>



Create Your Personal Four Year Plan

Grade	Required Courses	Student Courses	Grade		Credit		Career Information and Plans
			1st Sem	2nd Sem	1st Sem	2nd Sem	
9 60 cr	English						Career Goal/Major: Supporting Activities: (9-12) Co-Curricular Activities:
	Math						
	Science/Elective						
	Physical Education						
	Geography/Health						
	Elective						
	Elective						
Summer Plan:							Total Credits to Date: ____ of 60
10 120 cr	English						Career Goal/Major: CAHSEE Scores: ELA ____ Math ____ Co-Curricular Activities:
	Math						
	World History 2/3						
	Physical or Life Science						
	Physical Education						
	Elective/Language						
	Elective						
Summer Plan:							Total Credits to Date: ____ of 120
11 180 cr	English						Career Goal/Major: PSAT ____ / ____ SAT I ____ / ____ / ____ SAT II ____ / ____ / ____ ACT ____ / ____ Co-Curricular Activities:
	U.S. History 1/2						
	Physical or Life Science						
	Math/Elective						
	Elective/Language						
	Elective						
	Elective						
Summer Plan:							Total Credits to Date: ____ of 180
12 240 cr	English						Career Goal/Major: Colleges applied to: Co-Curricular Activities: Community Service:
	Amer. Govt./Economics						
	Physical or Life Science/Elective						
	Math/Elective						
	Physical Education/Elective						
	Elective						
	Elective						
Post High School Goal: CAREER / JUNIOR COLLEGE / 4 YR COLLEGE							Total Credits to Date: ____ of 240



Advanced Placement and Honors Level Courses

Advanced Placement courses are designed by the College Board (developers of the SAT). The Advanced Placement (AP) Program consists of college level courses and exams for secondary school students. Over 90 percent of the colleges that most AP candidates attend give credit and/or Advanced Placement to students whose AP Examination grades are considered acceptable.

These courses are more rigorous in nature compared to the regular program and receive weighted grades (5.0 scale.) Honors courses are often considered as preparations for AP courses. In addition to the course work, students are encouraged to take the corresponding AP exam, which if completed with a satisfactory grade, may earn college credit. Please be aware that Advanced Placement or Honors level courses are year-long. Moving from an AP/Honors course to a regular college prep class before the end of a semester may not be possible due to space availability. If a student does switch to a regular class (mid-semester) their grade will be carried over, but not the weighted grade points.

The District intends (BP 6141.5(b)) that criteria used to determine qualification are of the following three types:

1. Open enrollment;
2. Prerequisite course requirements: students who may have acquired by other means the skills and knowledge normally covered in a prerequisite course must be given the opportunity to demonstrate their qualifications;
3. Multiple measures: If criteria other than a prerequisite course are used to determine qualification for participation, then multiple measures include a combination of criterion such as:
 - a) Teacher recommendation
 - b) Grade of "B" or better in the second semester of a prerequisite course;
 - c) A qualifying score on a readiness assessment;
 - d) A qualifying score on a standardized test;
 - e) A qualifying rating on an audition or portfolio presentation;
 - f) A qualifying grade point average in prior courses related to the honors or AP course;
 - g) Other qualifying criteria that promote successful student participation.

When using multiple measures for a given course, students must meet one of the designated criteria. An entrance exam shall not be the sole criteria for admission to an Honors or Advanced Placement course. At the time of Honors or AP course selection, student and parent or guardian will sign a placement agreement containing a summary of the nature of Honors and Advanced Placement courses, description of the course and its requirements including summer assignments if any, the possibility that outside, additional support may be necessary, the expectations to remain in the course for its duration, and course withdrawal guidelines.

Please check the individual course description for specific prerequisites & requirements.

Regional Occupation Program (ROP)

WHAT IS ROP?

The ROP, administered cooperatively by the San Ramon Valley Unified School District and the Contra Costa County Office of Education, provides school-to-career preparation classes **for juniors, seniors, and students who are 16 years old or older.** Classes are designed to help students learn about career choices, develop job skills, and gain skills useful in college. Most classes can be taken for one or two periods, and some include internships. Students earn elective credits, and some classes offer transferable college credits. Certificates of proficiency are awarded upon successful completion of performance objectives. Students are also eligible to take ROP classes located off-campus.

WHY IS ROP DIFFERENT?

The emphasis of ROP courses is on career development. Students can use skills acquired in class to prepare for a career after high school, gain experience towards future college majors, and receive skills that lead to jobs before, during and after college. Instruction is individualized, and training is 'hands-on' using state-of-the-art equipment. All classes incorporate employment readiness training, which is an integral part of career planning.



ENGLISH

English 9

English 9 is an introductory course that lays a foundation of skills that students will need throughout high school. It is a literature-based course with an emphasis on critical reading and composition skills. These skills include: literary analysis and close reading, writing expository essays, creative writing, timed writing, grammar and usage, vocabulary, discussion group skills, and dramatic interpretation. Students are exposed to a variety of classical and contemporary genres: novels, short stories, plays, poetry and non-fiction.

This course meets the UC/CSU “b” requirement.

English 10

English 10 is a college preparatory language arts course which expands and strengthens the skills developed in English 9. This world literature based course emphasizes critical reading, composition and speaking skills. Students will study short stories, poetry, drama, non-fiction and novels. The course also includes extensive writing instruction in a variety of forms, grammar instruction, root word instruction, and vocabulary development.

This course meets the UC/CSU “b” requirement.

English 10 Advanced

English 10, Advanced is a rigorous course due to the increased expectations regarding volume of reading, maturity of insight, sophistication of language use, and standards of evaluations. This course exposes students to world and multicultural literature through discussion and critical analysis of various genres, including non-fiction, myth, legend, epic, poetry, short story, and the novel. Course work focuses on the development of analytical thinking skills, with an emphasis placed on critical writing in response to literature. The course also includes grammar instruction, root word instruction, and vocabulary development with words taken from the literature as well as from lists designed for SAT preparation.

Prerequisite: Meet criteria on placement assessment.

This course meets the UC/CSU “b” requirement.

English 11

English 11 is a college preparatory language arts course in which students will study traditional and contemporary works drawn from American literature. Materials include novels, plays, short stories, essays, poetry and non-fiction. Student writing focuses on refining the thesis statement and developing the skills necessary for multiple writing tasks as well as the examination of rhetorical techniques in nonfiction writing. The course also includes grammar instruction and vocabulary development.

This course meets the UC/CSU “b” requirement.

English Language AP

Grade 11 AP English Language is a rigorous, college level course emphasizing expository writing and critical reading. Writing assignments include in-class timed writings and out-of-class essays. The analysis of many forms of literature (i.e. novels, non-fiction essays, reflective essays, letters, etc.) focuses on how authors use language and literary devices to inform or persuade. Students also continue to work on grammar and vocabulary development. This is an Advanced Placement course that prepares students to take the AP Language and Composition exam in May.

Prerequisite: B- in prior advanced, honors or AP English course, or meet criteria on placement assessment.

This course meets the UC/CSU “b” requirement.

English 12

English 12 is a year-long course designed to prepare seniors for the rigor and depth of college-level reading and writing requirements. English 12 course work requires a synthesis of the skills taught through the first three years of the high school English program, emphasizing increasingly sophisticated skills in analysis, discussion, and writing. Students read expansively for comprehension of content and to evaluate authors’ biases and purposes. Students write for a variety of purposes in preparation for college, including application essays, placement assessments, expository analysis of non-fiction, and interpretive literary analysis. Students continue to build writing skills through process draft writing, grammar review and vocabulary development. The course provides extensive and challenging reading of many literary genres, including non-fiction, poetry, fiction, and drama, ranging from classical through contemporary literature. Classroom discussions will tackle challenging themes, philosophical views, and

contemporary issues.

This course meets the UC/CSU “b” requirement.

English Literature AP

Grade 12 AP English Literature is a rigorous, college level course focusing on the study of significant literary works. Students analyze literature, poetry, and essays in terms of concepts and the role of these concepts in the development of the World. The reading list is extensive and written work emphasizes a mature level of insight, the development of careful and thorough analysis, and sophisticated language use. Participation in class discussion is essential. This is an Advanced Placement course that prepares students to take the AP Literature and Composition exam in May.

Prerequisite: B- in prior AP English course, or meet criteria on placement assessment.

This course meets the UC/CSU “b” requirement.

Composition

Composition is a nonfiction-based course designed to prepare students for the rigors of college-level analytical writing and critical reading. Instruction includes writing college admissions essays and scholarship essays as well as college-level essay writing types. Students review grammar and syntax as well as the use of varied sentence types. Critical thinking skills, based on advanced logic and organization, are developed through writing expository prose and literary analysis. The class emphasizes process writing (through drafting, responding to feedback, and revising) and response to short non-fiction pieces, film clips, documentaries, and news articles.

This course meets the UC/CSU “b” requirement.

Film as Literature

Film as Literature focuses on mastery of the literary elements through the medium of film. Students learn about plot, setting, theme, and irony by analyzing various types of films. The curriculum includes vocabulary specific to the film industry. In addition, the course covers the origins and history of film, propaganda, documentaries, drama, comedies, and other great films. Independent reading is also assigned. Students are required to discuss and analyze film clips for technical aspects. A variety of writing assignments corresponds with the state standards.

This course fulfills the high school graduation requirement, but does not meet the UC/CSU "b" requirement.

English ELD

This course is for students who have been identified as English Learners based on the California English Language Development Test (CELDT) who score at the Beginning or Early Intermediate level. It is designed to develop skills in listening, speaking, reading, and writing for everyday and academic purposes. Instruction focuses on communicative and academic skills based on the California ELD Standards.

English ELD Advanced

This class is for Advanced English Language Learners. Students continue to refine skills in reading, writing, speaking, listening, and grammar. Grammar instruction emphasizes the “editing process” for personal habitual error patterns each student makes in the English language. Note-taking skills, vocabulary, and literary analysis are emphasized. Students write analytical papers of between three and six paragraphs in length, depending on personal skills level. Subject matter includes the analysis and comprehension of poetry, short stories, novels, film, art, and cultural awareness topics. Students write memoir and personal response papers and a cultural studies project. The class is conducted in a “seminar” style; hence class discussions and oral participation are emphasized. Field trips occur throughout the year in order to help students develop cultural and aesthetic awareness.

This course meets the UC/CSU “b” requirement for one year only.

MATH

Note: Please consult the Math Pathways Chart on Page 3 for assistance in determining your next appropriate math course.

Transitions to Algebra

The objective of this course is to introduce students to Algebra 1 standards and to review and refine pre-algebra skills. The course content includes review of whole numbers, fractions, decimals, percents, ratio and proportion, and data analysis. Additional Algebra 1 content will include variables, introduction to functions, real numbers,



solving equations, graphing linear equations and functions, writing linear equations, and solving and graphing linear equations. (NOTE: Calculators are NOT allowed.)

This course is NOT UC/CSU certified.

Algebra 1

The course content includes working with properties of real numbers, solving linear equations, graphing linear equations and functions, writing linear equations, solving and graphing linear inequalities, systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, rational expression and equations, and radicals and connections to Geometry. (NOTE: Calculators are NOT allowed)

Prerequisite: C or better in Transitions to Algebra or proficient on STAR test in General Math.

This course meets the UC/CSU “c” requirement.

Standards Algebra

Grades 11-12. This course is designed to satisfy the State of California and San Ramon Valley Unified School District graduation requirement of passing a yearlong course covering the California Algebra 1 standards. This standards based course is NOT a replacement for Algebra 1 and does not satisfy the prerequisites for High School Geometry.

This course is NOT UC/CSU certified.

Geometry

The objective of this course is to help the student understand plane and space relationships. Topics covered are: basic spatial concepts, deductive proofs, parallelism, perpendicularity, congruence, quadrilaterals, ratio and proportion, similar polygons, the Pythagorean Theorem, right triangle trigonometry, circles, coordinate geometry, regular polygons, areas, volumes, compass and straight edge constructions, and optional subjects as time allows.

Prerequisite: C or better in Algebra 1 (both semesters) or proficient on STAR test in Algebra 1.

This course meets the UC/CSU “c” requirement.

Algebra 2

Algebra 2 is a college prep course which emphasizes review of Algebra I, the Real and Complex Number Systems, solving equations and inequalities, and functions including linear, quadratic, exponential, logarithmic, and rational. Sequences and series, determinants, conic sections, the Binomial Theorem, permutations, combinations, and probability will also be covered.

Prerequisite: C or better in Geometry (both semesters).

This course meets the UC/CSU “c” requirement.

Advanced Algebra 2

Advanced Algebra 2 is a rigorous college prep course, designed to prepare the students for Pre-Calculus w/ Trig. It covers the real and complex number systems, solving equations and inequalities, and functions including linear, quadratic, trigonometric, exponential, and rational. Logarithmic sequences and series, the Binomial Theorem, determinants, permutations, combinations, and probability will also be covered. This advanced course spends less time on the initial review chapters, and investigates later chapters in greater depth.

Prerequisite: Placement based upon multiple criteria which include grade in previous course, placement test, and final exam score.

This course meets the UC/CSU “c” requirement but does not receive a weighted grade.

Pre-Calculus with Trigonometry

Graphical calculator required (TI-84 recommended; TI-89 is not allowed on many exams). This is a course in functions, development of the trigonometric functions through the use of the concept of circular functions, graphical characteristics of the trigonometric functions-including translations, amplitude, change of period, domain, range, and sums and differences of functions, inverse trigonometric functions-notations and graphs, trigonometric identities, including addition and double-angle and half-angle formulas, use of degree and radian measures, solution of trigonometric equations, polar coordinates and vectors; solution of problems related to force and navigation, matrices and determinants, higher degree equations, logarithmic functions, rational functions, summation notation, mathematical induction, the conic sections (parabola, ellipse, hyperbola), translations and rotations of the axes and curve sketching.

Prerequisite: C or better in Algebra 2 (both semesters). Recommended: B in Algebra 2.



This course meets the UC/CSU “c” requirement.

Pre-Calculus With Trigonometry Honors

All students interested in this course should sign up for the regular Pre-calculus with Trigonometry course listed above. A screening process, which includes prior mathematics course and final exam grades, and a placement test, will determine the list of qualified students who will be then placed into Honors Pre-calculus with Trigonometry. This course spends much less time on initial review and investigates the content of in greater depth and rigor, and pace. The chapter on Limits is also covered in the Honors course. A graphical calculator is required (the TI84+ is recommended, the TI-89 is not allowed on many exams).

Prerequisite: Placement based upon multiple criteria which include grade in previous course, placement test, and final exam score.

This course meets the UC/CSU “c” requirement.

Calculus AB, AP

(TI-84 recommended; TI-89 is NOT allowed on many exams). All students interested in this course should sign up for Calculus. Following the screening process, counselors will place qualified students into Calculus AB AP. This course includes the following topics: functions and graphs, limits, derivative, continuity and sequences; differentiation of algebraic functions; and applications of differential calculus; Rolles and Mean Value Theorems, graphing, applied minima-maxima, concavity, differentials, related rates, anti-derivatives, the theory and applications of integral calculus, methods of integration, differentiation and integration of transcendental functions. Problems requiring the use of graphical calculators will be included in the curriculum. Graphical calculator problems will also be on the AP Exam. Time is spent in preparing for the AP Exam in Calculus. Problems will be approached from four perspectives: graphical, numerical, analytical, and verbal.

Prerequisite: Placement based upon multiple criteria which include grade in previous course, placement test, and final exam score.

This course meets the UC/CSU “c” requirement.

Calculus BC, AP

Graphical calculator required (TI-84 is recommended; TI-89 is NOT allowed on many exams).

This course will include a brief review of the topics covered in AP Calculus AB. Additional topics will include: parametric, polar, and vectors functions, including their derivatives and applications; numerical solutions to differential equations using Euler’s method; L’Hopital’s Rule; applications of integrals including arc length and surface area; all methods of integration; improper integrals; solution of logistic differential equations; sequences and series and tests for convergence and divergence; Maclaurin and Taylor Series. Problems will be approached from four perspectives: graphical, numerical, analytical, and verbal.

Prerequisite: Placement based upon multiple criteria which include grade in previous course, placement test, and final exam score.

This course meets the UC/CSU “c” requirement.

Math Topics Advanced

This year long math course is designed for students who need a challenging math curriculum to help them prepare more for Pre-Calculus. The student will discover statistics, with an emphasis on mean, median, mode, variance, standard-deviation, Z-scores, and normal curve. The student will discover specific topics from math analysis, focusing on rational, exponential and logarithmic functions and their graphs, and specific topics from trigonometry focusing on trigonometric functions, graphs, identities and equations.

Prerequisite: C or better in Algebra 2 (both semesters).

This course meets the UC/CSU “c” requirement but does not receive a weighted grade.

Statistics

Graphical calculator required (TI-84 recommended) This course introduces the discipline of statistics to students to provide a solid foundation in problem solving and processing statistical information. Students will leverage statistical analysis and computation using a variety of real-world problems and information from business, science, economics, and other sources.

Prerequisite: C or better in Algebra 2 (both semesters).

This course meets the UC/CSU “c” requirement.



Statistics, AP

This course prepares the student for basic (non-calculus) college statistics. College statistics is necessary for many non-science majors. The topics covered are those required for the Advanced Placement Statistics Exam. Among the topics covered is exploratory analysis of data (observing patterns and departures from patterns while making use of graphing and numeric techniques), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), and analysis). A graphing calculator is required (TI-83 or TI-84 is recommended.)

Prerequisite: B or better in Algebra 2 (both semesters).

This course meets the UC/CSU “c” requirement.

Personal Finance With Business Applications

Grades 11-12 Using basic math skills, this course is designed to show how students can apply these same skills to the real world of personal finance. Students will be introduced to elements of every day financial transactions, as well as life’s major financial decisions. Included will be: Banking Transactions, Income Management, Vehicle Ownership, Loans/Credit Cards, Investments, Real Estate, Renting Apartments, and some basic Business (retail oriented).

This course is NOT UC/CSU certified.

MUSIC (Instrumental and Vocal)

Music Theory, AP

Grades 11-12. This course intends to provide the serious music student with a class equivalent to an undergraduate, college-level course in music theory and ear training. The ultimate goal of the AP Music Theory course is to develop the student’s ability to recognize, understand and describe the basic materials and processes of music. The achievement of this goal may be best promoted by integrated approaches to the student’s development of: aural, written, creative and analytical exercises. As with all advanced placement courses, the grade is weighted and students are encouraged to take the advanced placement exam. If a school site offers this as an ROP course, students must be at least 16 years or older.

Prerequisite: Ability to read music and consent of the instructor.

This course meets the UC/CSU “f” requirement.

Concert Band

Grades 9-12. The focus of this class is to develop instrumental techniques, using a wide spectrum of wind band literature. The class will include elements of music theory, historical and cultural context, and connections to other disciplines. Participation in regularly scheduled co-curricular performances is mandatory and formal performance attire is required.

Prerequisite: Open to all students with previous music experience on a woodwind, brass or percussion instrument or students developing a second instrument.

This course meets the UC/CSU “f” requirement.

Orchestra

Grades 9-12. The focus of the class is to develop string and instrumental ensemble techniques. A variety of orchestra literature will be covered. Previous string experience is encouraged. Participation in regularly scheduled co-curricular performances is mandatory and formal performance attire is required.

Prerequisite: All String players are welcome. Wind and Percussion instruments by audition/consent of instructor.

This course meets the UC and CSU “f” requirement.

Symphonic Band

Grades 10-12. The focus of this class is a continuation of intermediate/advanced instrumental techniques using a wide spectrum of intermediate/advanced wind band literature. This class will include a more in depth study of musical elements, historical and cultural context, and connections to other disciplines. 9th graders are welcome to audition. Participation in regularly scheduled co-curricular performances is mandatory and formal performance attire is required.

Prerequisite: Audition/consent of instructor

This course meets the UC and CSU “f” requirement.



Jazz Band

Grades 9-12. This is considered an intermediate jazz course. Students must have prior experience on a traditional jazz instrument: saxophone, trumpet, trombone, piano, bass, electric guitar or drum set. The class will include elements of jazz theory, historical and cultural context, and connections to other disciplines. Introduction and enhancement of improvisation skills and techniques will be covered. Participation in regularly scheduled co-curricular performances is mandatory and formal performance attire is required.

Prerequisite: Successful completion of audition process

This course meets the UC/CSU “f” requirement.

Jazz Ensemble

Grades 10-12. This is considered an advanced jazz course. The class will include advanced elements of jazz theory, historical and cultural context, and connections to other disciplines. Advanced improvisation skills and techniques will be utilized. Participation in regularly scheduled co-curricular performances is mandatory and formal performance attire is required.

Prerequisite: Successful completion of audition process

This course meets the UC/CSU “f” requirement.

Marching and Auxiliary Program

Grades 9-12. The focus of the class is to develop instrumental techniques, using a wide spectrum of marching band literature. The class will include elements of movement and performance skills. This group will represent the school at school, community and regional events. Participation in regularly scheduled co-curricular performances is mandatory.

Prerequisite: All musicians welcome. Auxiliary by audition.

This course meets the UC/CSU “f” requirement.

Concert Choir

Grades 10-12. This class is an intermediate vocal music course. Students will expand their mastery of music fundamentals, vocal technique, and historical/cultural perspectives of choral music. Students are exposed to a wide variety of music ranging from classical to contemporary. Participation in regularly scheduled co-curricular performances is mandatory. This class may take performance related tours. A formal performance outfit may be required.

Prerequisite: Audition or consent of the instructor

This course meets the UC/CSU “f” requirement.

Chamber Singers

Grades 10-12. This group is an advanced ensemble of dedicated and committed students. Members are expected to understand and master music theory, sight-reading, and sing complex music in a variety of genres and performance styles. This group performs extensively throughout the year and a formal performance outfit is required.

Prerequisite: Audition or consent of the instructor

This course meets the UC/CSU “f” requirement.

Men’s Ensemble

Grades 9-12. This beginning level class is open to all men who wish to sing and develop a joy for music. They will learn the basics and fundamentals of good singing and musicianship. No prior experience and no audition is necessary, however students must accurately match pitch. Literature includes classical repertoire, folk songs, pop and jazz. Participation in regularly scheduled co-curricular performances is mandatory. A performance outfit may be required.

This course meets the UC/CSU “f” requirement.

Women’s Ensemble

Grades 9-12. This beginning level class is open to all women who wish to sing and develop a joy for music. They will learn the basics and fundamentals of good singing and musicianship. No prior experience and no audition is necessary, however students must accurately match pitch. Literature includes classical repertoire, folk songs, pop and jazz. Participation in regularly scheduled co-curricular performances is mandatory. A performance outfit may be required.

This course meets the UC/CSU “f” requirement.



Treble Choir

Grades 10-12. Members of this intermediate level class continue their vocal development, appreciation of music and music reading skills. This group sings more complex music than that of the beginning level choirs. Participation in regularly scheduled co-curricular performances is mandatory. A performance uniform is required.

Audition or consent of the instructor

This course meets the UC/CSU “f” requirement.

PHYSICAL EDUCATION

PE 9

A required course for all 9th graders. An orientation and introduction to high school physical education. Activities will align with the State Standards and Framework, level 1 in the fall and level 2 in the spring. Level 1 Standards include aquatics, rhythms/dance, individual and dual activities, and fitness. Level 2 Standards include combative, gymnastic/tumbling, team activities and fitness. This course will include the State Fitness Gram in the spring.

Students scoring below the State standards on 2 or more of the Fitness Gram tests will be required to enroll in a Physical Education Course in 10th grade

Basketball Conditioning

Grades 10-12 This is a highly structured disciplined program designed to improve skills specific to ball handling, shooting, offense and defense in basketball. This class will include conditioning specific to preparing students for an advanced level of competition.

Prerequisite: Teacher approval

Basketball Plus

Grades 10-12 Required: teacher approval. This course is designed to instruct the intermediate and advanced basketball students in the art and techniques of advanced basketball skills. It is strongly encouraged for students interested in trying out for the basketball program. This highly structured class will allow for skill acquisition of team and individual techniques, as well as improvement and maintenance of cardio-respiratory fitness. This course is designed for boys and girls.

Prerequisite: Teacher approval

Body Boot Camp (Formerly Conditioning)

Grades 10-12 Fall/Spring. Combines weight lifting and aerobic exercise. This course will give students the opportunity to develop cardio respiratory efficiency, muscular strength and endurance and flexibility through a variety of activities. This course is designed to help students shape their bodies through exercise, to be physically fit and lead a healthy lifestyle.

Cardio Fitness (Formerly Aerobics)

Grades 10-12 Fall/Spring. Combination of aerobic activities including warm-up techniques, high and low impact aerobics, step training, flexibility exercises, hand-held weights resistance training and specific muscle group work designed for both men and women. May include cardio walking off campus.

Dance 1

Grades 9-12 Fall. This is an introductory course for the **BEGINNING** level student. Course includes training in basic dance techniques and a variety of dancing styles. Freshmen may take this course for Fine Arts Credit only. Student must complete a full year to meet the Fine Arts requirement for graduation.

This course meets the UC/CSU “f” requirement.

Dance 2

Grades 9-12 Fall. For **INTERMEDIATE** students. Continuing development of dance technique, skills, and movement with mandatory performance in class and in the dance productions. Student choreography is required. Students must participate in program support activities. Freshman may take this course for Fine Arts Credit only. Satisfies visual/performing arts requirement for CSU and UC provided it is not used for PE credit. Student must complete a full year to meet the Fine Arts requirement.

Prerequisite: Entrance by audition only. See instructor.

This course meets the UC/CSU “f” requirement.

Dance 3

Grades 9-12 Fall. For **INTERMEDIATE II** students. Continuing development of dance technique, skills, and movement with mandatory performance in class and in the dance productions. Student choreography is required. Students must participate in program support activities. Freshmen may take this course for Fine Arts Credit only. Satisfies visual/performing arts requirement for CSU and UC provided it is not used for PE credit. Student must complete a full year to meet the Fine Arts requirement.

Prerequisite: Entrance by audition only. See instructor.

This course meets the UC/CSU “f” requirement.

Dance 4

Grades 9-12 Fall. For **ADVANCED INTERMEDIATE** students. Continuing development of dance technique, skills, and movement with mandatory performance in class and in the dance productions. Student choreography is required. Students must participate in program support activities. Freshman may take this course for Fine Arts Credit only. Satisfies visual/performing arts requirement for CSU and UC provided it is not used for PE credit. Student must complete a full year to meet the Fine Arts requirement.

Prerequisite: Entrance by audition only. See instructor.

This course meets the UC/CSU “f” requirement.

Dance 5

Grades 10-12 Fall. For **ADVANCED** students. Continuing development of dance technique, skills, and movement with mandatory performance in class and in the dance productions. Student choreography is required. Students must participate in program support activities. Freshmen may take this course for Fine Arts Credit only. Satisfies visual/performing arts requirement for CSU and UC provided it is not used for PE credit. Student must complete a full year to meet the Fine Arts requirement.

Prerequisite: Entrance by audition only. See instructor.

This course meets the UC/CSU “f” requirement.

Football Conditioning

Grades 10-12 Open to students interested in advanced training for competition in football. Students intending to participate in this sport will be encouraged to take this class.

Prerequisite: Athletic Dept. approval.

Net Sports

Grades 10-12 Fall/Spring This course will provide students with the opportunity to learn skills and techniques in a variety of net games. Emphasis will be placed on team, partner and individual strategy and may include badminton, tennis, volleyball and pickle ball.

Sports Conditioning

Grades 10-12 This course is designed for competitive athletes and will be offered the last period of the day. It will include sport specific workout programs for male and female athletes.

Prerequisite: Athletic Dept. approval and a B in last P.E. class

Tennis

Grades 10-12 Fall/Spring

This course is designed to instruct students in the fundamentals of tennis strokes and serves. Basic rules and scoring will be covered as well as tournament play.

Weights

Grades 10-12 Fall/Spring

This course will provide instruction for students with little or no experience, as well as opportunities for intermediate-advanced level students to develop individualized lifting programs. Students will receive instruction in lifting techniques, spotting, and breathing techniques. The curriculum may include Olympic lifting techniques, plyometrics, and a variety of movement activities.



Yoga

Grades 10-12 Fall/Spring

Presents selected exercises from yoga techniques, which allow the student to increase his/her efficiency, and quality of living through improved breathing patterns, habits of relaxation, and posture that contribute to the development of strength, flexibility, balance and coordination. The program may include power walking.

Wrestling Conditioning

Grades 10-12 Fall/Spring

This course is a highly structured disciplined program with a focus on basic to advanced wrestling techniques. The course will include fitness and strength training as well as rules and terminology of wrestling.

Dance Auditions:

Auditions for Dance 2, 3, 4 and 5 are held once a year ONLY during second semester for the following year's classes.

Dance 1: No audition required.

Independent P.E.:

- To apply for ISPE credit, all students must complete and pass the State mandated physical performance testing in the 9th grade. For more information students should see their counselor.
- Do not include Independent Study PE on your registration form.
- Beginning Sept 2009, ISPE is only *open to students on SRVHS interscholastic sports teams*, during their season of sport, with special scheduling needs only. (Ed Code 51242) 11th and 12th grade students who were enrolled in ISPE during the 2008-09 school year, and require only 5 credit of PE to complete their graduation requirement, may still apply for the 2009-10 school year.
- Application packets are available at the start of each season of sport; packets are available from Mrs. MacPhail in the girls PE Office in the Aux Gym during brunch.
 - Fall* due date: 2nd Friday of the 1st semester (no summer hours apply)
 - Winter* due date: 2nd Friday of the winter season
 - Spring* due date: 2nd Friday of the spring season
- Students must maintain a full academic schedule of 6 classes, with a 2.0 GPA, that does not include PE, Teacher Aide or study hall during the semester they are enrolled in the ISPE program.
- Only 10 PE credits of the 20 credits required for high school graduation may be completed in the ISPE program. (Board Policy 6146.1)
- Students must maintain their time card from the time of application approval through their entire season of sport as stipulated in the application contract.
- Upon completion of the season of sport, and a *minimum* of 75 hours of participation logged on the timecard, students will receive 5 credits of Pass.

Athletic Conditioning Courses:

Basketball Plus, Basketball Conditioning, Wrestling Conditioning: may be offered *any period* during the day including period, depending on the availability of facilities.

Sport Conditioning and Football Conditioning are offered the last period of the days

SCIENCE

Life Science

Grades 10-12 Life Science parallels the state standards for Biology and prepares students for the 10th grade NCLB exam. Topics include genetics, cell biology, DNA, body systems, cell chemistry, ecology, and evolution. This course meets the high school life science graduation requirement. Students who pass this course with a "C" or higher and have passed Algebra-1 may take Biology the following year.

This course does NOT meet the UC/CSU requirement.



Biology

Grades 9-12 Biology is a lab-based college prep course that focuses on the major concepts of life science, methods of science, and inquiry-based learning. Topics include science process, genetics, biochemistry, cell biology and physiology, ecology, evolution, and human body systems.

Prerequisite: Completion of Algebra 1. Concurrent enrollment in Geometry or higher math course.

This course meets the UC/CSU “d” requirement.

Accelerated Biology With Research

Grade 9. Accelerated Biology is designed for students with a strong interest in science. Students in this course will use a college-level textbook to prepare them for taking AP Biology in their Jr. or Sr. year. The course explores science standards at a greater depth and complexity than in Biology, incorporating real-world applications in a problem-based/hands-on approach. Topics include ecology, taxonomy, evolution, cell biochemistry and physiology, genetics, botany, and human body systems. There is a Science Fair requirement with this course.

*This course **does not** receive a weighted grade.*

Prerequisite: A’s in 8th grade science, 8th grade English and Algebra 1. Concurrent enrollment in Geometry or higher math course.

This course meets the UC/CSU “d” requirement.

AP Biology

Grades 11-12 AP Biology is for second year Biology students and parallels the content studied in college level introductory biology. Lecture, text, and laboratory experiments will be at the college level, including the 12 required College Board Laboratory Exercises. Students will be encouraged to take the advanced placement exam at the end of the course to earn college/university credit. This course is for the self-motivated student. *Coursework includes a required summer assignment that is due the in the first week of class.*

Prerequisite: Completion of Biology with a B or better. Completion of Chemistry with a B or better.

This course meets the UC/CSU “d” requirement and earns a weighted grade.

Anatomy and Physiology

Grades 10-12. Anatomy & Physiology provides an in-depth study of the human body, its construction and functions. The topics are reinforced with gross anatomy dissection and laboratory experiments. This course introduces and prepares students to pursue educational and career pathways in science or health science related fields.

Prerequisite: Completion of Biology with a C or better.

This course meets the UC/CSU “d” requirement.

Anatomy & Physiology Honors

Grades 10-12. Honors Anatomy & Physiology consists of a faster pace and more in-depth study of the topics covered in regular Anatomy & Physiology. Each major organ system (biochemistry and histology) will be studied in depth through a variety of activities, with a heavy emphasis on gross anatomy dissection and laboratory experiments. This course is recommended for students interested in a science or health-related field such as medicine, nursing, physical therapy, exercise physiology, kinesiology, sports medicine, and veterinary science. *As an honors level course this class earns a weighted grade.*

Prerequisite: Completion of Biology with a B. No English grade lower than a B. Completion of Chemistry with a B (C or better for Honors Chemistry). Recommended that students take AP Biology prior to Honors Anatomy.

This course meets the UC/CSU “d” requirement.

Integrated Physical Science

Grades 9-12 Integrated Physical Science covers basic Chemistry, Physics, Earth and Biological Sciences beyond the 8th grade standards. Topics include: atomic and molecular structure, chemical bonds, acids and bases, heat and thermodynamics, waves, electric and magnetic phenomena, dynamic earth processes, biogeochemical cycles, California geology, ecology, and evolution. Integrated Physical Science fulfills the high school physical science graduation requirement. This course is strongly recommended for ALL freshmen that have not met the requirements to enter Biology or Accelerated Biology.

This course meets the UC “g” elective requirement and the CSU “d” requirements. It does not meet the UC “d” lab science requirement.

Chemistry



Grades 10-12 Chemistry deals with matter, its properties, and the changes that it undergoes. Topics include: atomic structure and theory, properties of gas, solids, and liquids, chemical bonding, and principles of chemical reactions. This course uses an inquiry approach which includes discussion, lecture, laboratory experiments, and demonstrations.

Prerequisite: Completion of Geometry with a C or better. Concurrent enrollment in Algebra 2.

This course meets the UC/CSU “d” requirement.

Chemistry Honors

Grades 10-12 Honors Chemistry is designed for students intending to major in science or engineering. It provides a solid foundation for students planning to take chemistry in college. This course includes a more in-depth study of the topics covered in chemistry as well as additional topics. *As an honors level course this class earns a weighted grade.*

Prerequisite: Completion of Geometry with a B or better. Concurrent enrollment in Algebra 2 or higher. Completion of Biology with a B or better.

This course meets the UC/CSU “d” requirement.

Chemistry, AP

Grades 11-12 AP Chemistry is designed to be the equivalent of the general chemistry course taken during the first college/university year. Emphasis is given to the theoretical aspects of chemistry, chemical calculations, and laboratory exercises. Topics include: structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and thermodynamics. Students are encouraged to take the advanced placement exam at the end of the course and earn college/university credit.

Prerequisite: Completion of Chemistry with an A. Completion of Honors Chemistry with a B or better. Completion of Algebra 2 with a B or better.

This course meets the UC/CSU “d” requirement and earns a weighted grade.

Physics

Grades 10-12 If you have ever wondered about how things worked (your CD player, pager, cell phone, ice skating, tennis, or rainbows to name a few), then this is the course for you. This course is recommended for all students planning to attend college. Basic physical concepts and their applications to everyday activities (toys, sports, and light) are emphasized through a variety of lab activities and problems. Skills taught in class include problem solving strategies, lab techniques, technical writing (lab reports), and graphical analysis of data. Physical concepts basic to all fields of science and critical thinking skills that can be utilized in any college major are introduced. Topics include motion, forces, energy, wave theory, light, electricity, and magnetism.

Prerequisite: Completion of Geometry with a C or better. Concurrent enrollment in Algebra 2.

This course meets the UC/CSU “d” requirement.

Physics Honors

Grades 10-12 Honors Physics consists of a more in-depth study of the topics covered in regular Physics and some additional topics. The problems, concepts, and exams are more rigorous and academically challenging than in the regular Physics. The course is recommended for students planning to take Physics in college. It is intended for students planning to major in Physical Science, Engineering, or Math. *As an honors level course this class earns a weighted grade.*

Prerequisite: Completion of Algebra 2 with a B or better. Concurrent enrollment in Pre-Calculus.

This course meets the UC/CSU “d” requirement.

Physics (B), AP

Grades 11-12 AP Physics (B) is intended for students with an interest in engineering, science or the medical field. The five general areas that are covered Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics and atomic and nuclear physics, are required by the College Board. Basic concepts of calculus may be introduced in connection with physical concepts, such as acceleration and work. Students are encouraged to take the AP Exam at the end of the course to earn college/university credit.

Prerequisite: Completion of Physics with an A. Completion of Honors Physics with a B or better. Completion of Pre-Calculus with a B or better.

This course meets the UC/CSU “d” requirement and earns a weighted grade.

Environmental Science AP (ROP)

This course provides students with the scientific principles, concepts and methodologies required to understand the

interrelationships of the natural world, identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them. Job shadowing and internships are encouraged.

Prerequisites: Algebra, Biology, and Chemistry with a grade of B or better.

This course meets the UC/CSU “d” requirement.

SOCIAL STUDIES

World Geography and Culture

This required semester-long 9th grade course constructs a foundation for 10th, 11th, and 12th grade social science curricula through the study of culture in a geographical context. Physical geography is organized in terms of location, place, environment, movement, and region. Cultural studies focus on understanding concepts that describe political, economic, belief, and social systems along with learning about present day ways of life around the world and their historical backgrounds. In addition, students will incorporate map work, globes, graphs, the internet, library resources and class discussions.

This course meets the UC/CSU “a” requirement.

World History II & III

This course presents a narrative of world history from the roots of democracy through the present. The course traces the development of civilizations throughout the world. Themes include political change, economic development, the growth of science and technology, the effect of contact between cultures, and creativity in the arts. Skill emphasis will include reading, analysis, speaking, note-taking, writing and research.

This course meets the UC/CSU “a” requirement.

European History, AP

This course is a full year introductory college course that covers European history from 1450 to the present. Students will gain an understanding of geography and the chronology of the major events and trends of that time period. Instruction will include the principle themes in modern European history, an ability to analyze historical evidence, and an ability to express historical understanding in writing. The course covers the cultural, political, and socio-economic history of Europe in preparation for the AP exam. For sophomores, this class will replace World History 2/3. For upper classmen, this class will be counted as a Social Studies elective.

Prerequisite: “B” or better in the prior AP Social Studies course, if applicable, or “A’s” in prior college prep Social Studies course and English course, or successful completion of qualifying assessment.

This course meets the UC/CSU “a” requirement.

U.S. History I & II

This course is required for graduation. This is a survey course covering the major political, economic, social, and cultural developments of United States history.

This course meets the UC/CSU “a” requirement.

U.S. History, AP

All students interested in this course should sign-up for U.S. History. Following the screening test, counselors will place students into U.S. History AP. This class is a challenging two-semester course that is meant to be the equivalent of a freshman college course. The content is comprised of a complete survey of American history from the age of exploration to the present using multiple perspectives. Emphasis will be placed on critical and evaluative thinking skills, essay writing, and interpretation of original historical documents.

Prerequisite: “B” or better in the prior AP Social Studies course, if applicable, or “A’s” in prior college prep Social Studies course and English course, or successful completion of qualifying assessment.

This course meets the UC/CSU “a” requirement.

American Government

Students will examine the major principles of the American political system. Particular attention will be paid to the political decision making process employed by Federal, State and local government. Students will also analyze the major institutions of the American political system, such as the Constitution, Presidency, Congress, Supreme Court, political parties, voting, elections, civil liberties and the media. Special emphasis will be placed on helping the student understand his/her role within the American political system.

This course meets the UC/CSU “a” or “g” requirement.



American Government, AP

This course will examine the nature of the American political system and will be concerned with the development of American political culture over the past two hundred years. The principal processes and institutions through which the political systems function will be studied in detail. Specific areas of study will include: 1) the context of American politics, 2) the political process, 3) major institutions of the national government, 4) civil liberties and civil rights, 5) the nature of American democracy. Students may take the AP Exam at the end of the course.

Prerequisite: "B" or better in the prior AP Social Studies course, if applicable, or "A's" in prior college prep Social Studies course and English course, or successful completion of qualifying assessment.

This course meets the UC/CSU "a" requirement.

Comparative Government & Politics, AP

Grade 12 AP Comparative Government is a college level course that requires substantial reading and writing and prepares students for the AP exam in May. The course examines the major components of the political system and culture of the United States, including Federalism, the three branches, political parties and pressure groups, etc. The study of the American political systems serves as the basis for the comparison of other contemporary political systems including, but not limited to, Britain, Russia, China, Iran, Mexico, and Nigeria. This course meets the American Government graduation requirement. This course receives a weighted grade. This course is linked with English 12.

This course meets the UC/CSU "g" requirement and receives a weighted grade.

Economics

This course examines the principles of the American economic system. It includes a study of comparative economic systems, economic policy-making and decision-making, and of economic issues on a personal, national and international level. This course includes principles of micro and macroeconomics.

This course meets the UC/CSU "a" requirement.

Economics, AP

This course will examine the basic topics that all students of macroeconomics and microeconomics must know in order to take the AP exams in both areas. In macroeconomics the following topics will be covered: national income accounting; measures of economic activity; theories of aggregate demand, including consumption, investment, and the demand for money. Conversely, in microeconomics, the topics will include: the market system, including product markets and resource markets; government activity and the effects on market mechanisms; types of firms and their market functions; and international economics and the world economy (although the main focus of the course is macroeconomics, fundamental microeconomics will receive considerable emphasis as well). This course will be especially valuable for students considering business, law, or government majors in college. Successful completion of this course will prepare students for the Advanced Placement examination in both macroeconomics and microeconomics. It is expected that all students enrolled in A/P Economics will register for the AP exam.

Prerequisite: "B" or better in the prior AP Social Studies course, if applicable, or "A's" in prior college prep Social Studies course and Algebra II, or successful completion of qualifying assessment.

This course meets the UC/CSU "a" requirement and receives a weighted grade.

American Government – NCP

American Government is required for graduation. In this non-college preparation class students will learn the basic structure and values of the United States Government and will study current issues. Emphasis will be on class work and participation as well as current event study and analysis.

Prerequisite: Counselor Recommendation Only

This course is NOT UC/CSU certified.

Economics – NCP

The study of Economics will include microeconomic—individual economic decisions, and macroeconomics—the aggregate national economy including international economics and basic consumer economics. This course meets graduation requirements.

Prerequisite: Counselor Recommendation Only

This course is NOT UC/CSU certified.

Psychology

Grades 11-12 The purpose of this course is to introduce students to general psychology. A survey of selected fields

of psychology relevant to challenges of living in the 21st Century will serve as the organizing principle of the course. Attention will be given to contemporary developments. Theories and concepts will be discussed and explored through various exercises designed to reinforce the material and demonstrate how the concepts relate to the student.
This course meets the UC/CSU “g” requirement.

Psychology, AP

Grades 11-12 Advanced Placement Psychology challenges the student to study psychology at the college level. Students learn about the latest research findings regarding the brain, the mind, and behavior. Units studies will include 1. Introduction to AP Psychology, 2. Biological Basis of Behavior, 3. Sensation and Perception, 4. Cognition, 5. Motivation and Emotion, 6. Developmental Psychology, 7. Testing and individual Differences 8. Treatment of Psychological Disorders, and 9. Social Psychology. This course is designed for the accelerated student seeking college credit through the advanced placement test. It is hoped that all students will take the AP exam in May.

Prerequisites: 3.0 overall GPA

This course meets the UC/CSU “g” requirement and receives a weighted grade.

Law [Introduction to]

Grade 11-12 This course provides students with a basis for understanding the American political and legal systems, with a focus on legal ideas and the legal process. Students participate in moot court and mock trials by assuming the roles of trial attorneys for both sides, the prosecution and defense, developing analytical and critical thinking skills as well as oral presentation and teamwork skills.

This course meets the UC/CSU “g” requirement.

Roots of Rock Music

Grade 11-12 The Roots of Rock Music is a one-semester elective, designed to introduce students to the rich musical heritage of our country and explore US History in the process. Starting with slavery, the course moves from the blues, to rhythm and blues, jazz, the birth of rock and roll, and the evolution of modern rock music. Units include the blues, rockabilly, jazz, surf and hot rod music, the folk scene, soul and Motown, the British invasion, psychedelic era, 70’s rock, punk rock, techno and hip-hop. Via video, the text, supplementary reading, internet, local musicians and the music itself, this class surveys selected topics in US History. Historical themes will include civil rights, war and peace, social class propaganda and protest. Please bring an open musical mind to this class. Much of the music will be unfamiliar to many students. This class has a text, unit exams, projects, and about one homework assignment per week. Optional field trips to music clubs in the Bay Area will also be offered.

Prerequisites: Cumulative average of 3.0 or better and a C or better in World History or US History.

This course meets the UC/CSU “g” requirement.

Vietnam Era

Grade 11-12 This course examines U.S. involvement in Vietnam as well as the social and political times in which that conflict took place. Students will use readings, videos, music, guest speakers, classroom exercises and simulations to explore the roots of the Vietnam War, the growing U.S. military presence, the soldier's experience, responses at home and abroad to the war, and the turbulent social and political times in which it took place. The course will examine the Vietnam War from a variety of political perspectives and conclude with a look at Vietnam today and the legacy of the war for both Americans and the Vietnamese.

This course meets the UC/ CSU “g” requirement.

The Civil War and Reconstruction

Grade 11-12 According to historian Shelby Foote, to understand the United States, and who we are and where we have come from, you must understand the Civil War. This course will include an in-depth examination of the problems, people, and policy of the Civil War. Included in this study will be extensive examination of slavery, abolition, 19th-century blacks, Abraham Lincoln, Union and Confederate soldiers, women during the war, Reconstruction, and the legacy of the war.

This course meets the UC & CSU “g” requirement.

World War II

Grade 11-12 World War II was history's greatest catastrophe and had a cataclysmic effect on world politics, economics, and social life. This course will examine these effects on various nations and people groups through the eyes of public officials and private citizens. Topics of analysis will include the ideologies of the war, the role of

technology, the impact of the war on various people groups, the onset of the Cold War, and the continuing legacy of World War II.

This course meets the UC & CSU “g” requirement.

THEATRE AND PERFORMING ARTS

NOTE: for all dance courses, please see Physical Education section.

Oral Interpretation

Oral Interpretation is the art of reading, analyzing and interpreting drama, prose, and poetry through the use of voice and body. This course will offer students opportunities to interpret published works as well as to study rhetoric to create and enhance their own works for performance. Students will also be critically assessing and analyzing oral interpretations by professional performers and speakers. In addition, the course offers students a chance to perform outside the classroom at community and school sponsored events. Students will do extensive research and may be required to attend and participate in at least two outside speech contests per semester.

This course meets the UC/CSU “f” requirement.

Theatre Arts 1

This course is an exploration in voice, diction, and movement. You will perform improvisations, pantomime and scenes in order to develop acting and public speaking skills. Class work includes, but is not limited to, the study of method acting, auditioning techniques, performing comedy, stage dialects, and styles of acting.

This course meets the UC/CSU “f” requirement.

Theatre Arts 3

To qualify for theatre Arts 3, a student must have basic and/or technical skills and a willingness to make a commitment to excellence in theatre. This class includes, but is not limited to, the study of method acting, auditioning techniques, performing comedy, stage dialects, and styles in acting. Students will create a production for a final exam performance that reflects the skills and techniques learned during the year.

Prerequisite: Theatre Arts 1-2 and permission of instructor (audition requirement).

This course meets the UC/CSU “f” requirement.

Theatre Arts 4

Students learn all aspects of producing a play including directing, acting, scene design, construction, costume, sound, and lighting design. Makeup, properties acquisition, construction, and publicity design are surveyed also. Students will perform and/or assist with two productions and compete in local theatre competitions. Class may be repeated once for credit.

Prerequisite: Completion of Theatre Arts 1 and 2 with a C or better and audition.

This course meets the UC/CSU “f” requirement.

Theatre Productions

This course investigates technical theatre as a professional vocation. Stage design, lighting design, and sound design are accented while costume design, makeup design, and general properties design are surveyed. Stage management is a major focus of this course. A general knowledge of theatre is required. This course requires permission from the instructor.

Prerequisite: Theatre Arts 1 and permission of instructor.

This course meets the UC/CSU “f” requirement.

Performing Arts Production Assistant

Grade 10-12 This course is designed for Intermediate to Advanced students in dance, theatre art, vocal or instrumental music interested in developing skills in directing and producing shows. Fine Arts credit only.

Prerequisite: Teacher approval for placement is required.

VISUAL ARTS

Art 1 (Formerly Art 1-2)

Year long class. This is an introductory skills-based, visual art course that introduces students to a variety of media.



Students will also learn about art history and develop aesthetic valuing skills through writing. Class assignments are based on the California Visual Art Standards and introduce students to the Elements of Art and the Principles of Design. This class prepares students for the next level of art classes. Lab donation requested for materials.

This course meets the UC/CSU “f” requirement.

Art 2 (Formerly Art 3)

Students apply artistic processes and skills, using a wide variety of media, to communicate meaning and intent to works of art based on the Elements of Art and the Principles of Design. Students further develop skills learned in Art 1 to create more individualized works of art moving from proficient to advanced levels. The study of Art History and culture are included in the curriculum. Assignments are based on the California Visual Arts Standards.

Prerequisite: Completion of Art 1 with C or better.

This course meets the UC/CSU “f” requirement.

3D Art 1 (Year)

This art class is an introduction to basic design elements and principles with three dimensional design applications. Students work in a variety of media and with varied techniques to create original works of art. There is a strong emphasis on creativity and craftsmanship. This course is aligned with the California Visual Art Standards.

This course meets the UC/CSU “f” requirement.

3D Art 2

This advanced three-dimensional art class explores the Elements of Art and the Principles of Design in increasingly sophisticated ways when applied to a variety of forms and sculptures. Students work in a variety of media with advanced techniques, to create in-depth original works of art. This course is aligned with the California Visual Art Standards.

Prerequisite: 3D Art 1 with C or better.

This course meets the UC/CSU “f” requirement.

Studio Art, AP

Students work at an advanced skill level to produce an individual portfolio of two-dimensional and/or three-dimensional work. This rigorous class requires that students be self-motivated as they prepare to submit a portfolio for the College Board Advanced Placement Exam in the Spring. All work must follow class specifications to assure variety and meet the demands of the portfolio contents with multiple measures for quality production. Students must be able to demonstrate mastery in various media and artistic concepts while producing two categories of work to meet the Concentration and Breadth requirements of the AP portfolio. All assignments are based on the CA Visual Art Standards. Summer work is expected.

Prerequisite: See instructor for Studio Art application.

This course meets the UC/CSU “f” requirement.

Photography Beginning (Year)

This is an introductory class in which students will learn to shoot, process and print their own black and white photographs. The course curriculum is aligned to the California Visual Art Standards and addresses the Elements of Art and the Principles of Design with specific applications to photography. Access to a 35 mm camera, auto or manual, is preferable.

This course meets the UC/CSU “f” requirement.

WORLD LANGUAGE

Chinese Mandarin I

This is a beginning Mandarin Chinese course intended for students with no prior knowledge of any Chinese speaking or writing ability. This course will focus on the Chinese Zhuyinfuhau/Hanyupinyin (phonetic) system: tones, rules of phonetic spelling, and pronunciation drill; and Chinese characters: creation and evolution, stroke order, structure, and the writing system. Reading and writing skills are introduced. Students will learn the basic sentence patterns, and develop the Chinese language skills in listening, speaking, reading, and writing.

This course meets the UC/CSU “e” requirement.



Chinese Mandarin II

This course is designed for students interested in a continuation of learning Mandarin Chinese. This course will focus on the review of grammar and a further development of reading, speaking, listening and writing skills. This course presupposes a basic knowledge of Chinese Zhuyinfuhau/Hanyupinyin, words, sentences, and grammar. Emphasis will be placed upon practical use of Mandarin, so that students will experience the world of communication among the Chinese language speaking people. For students who have not taken Chinese 1, please contact the counseling office for a readiness assessment to be admitted to this class.

This course meets the UC/CSU “e” requirement.

Chinese Mandarin III

This course is designed for students interested in a continuation of learning Mandarin Chinese. This course will focus on the review of grammar and a further development of reading, speaking, listening and writing skills. This course presupposes a basic knowledge of Chinese Zhuyinfuhau/Hanyupinyin, words, sentences, and grammar. Emphasis will be placed upon practical use of Mandarin, so that students will experience the world of communication among the Chinese language speaking people. For students who have not taken Chinese 2, please contact the instructor to schedule a readiness assessment to be admitted to this class.

This course meets the UC/CSU “e” requirement.

French I

This course is an introduction to the four basic language skills: listening, speaking, reading and writing. Students will learn cultural information about the French-speaking world.

This course meets the UC/CSU “e” requirement.

French II

A continuation of the course of study of the French language and of the associated cultures started in French I. French II is designed to develop the students' speaking and writing skills to a greater extent, to reinforce correct pronunciation and intonation, and to improve listening and reading comprehension. The grammatical study of the language will also be increased.

Prerequisite: C or better in French I and teacher recommendation. Students may also be given a placement exam to insure that they have the background to succeed at this level.

This course meets the UC/CSU “e” requirement.

French III

Continuation of basic grammar. Fundamentals are presented in the form of moderately long reading passages and emphasis is placed on reading and writing. Conversing in the French language becomes imperative and there are more advanced cultural readings.

Prerequisites: French II with at least a “C” and recommendation of the French II teacher

This course meets the UC/CSU “e” requirement.

French IV Honors

Emphasis of this class is French for literature and communication. Students will develop speaking skills through oral presentations and class discussions on various topics. Throughout the year students will read works of French authors. Composition and literature assignments will provide the opportunity to review grammar. The class is conducted completely in French. Enthusiasm for French is a must.

Prerequisites: Grade B or better in French III

This course meets the UC/CSU “e” requirement.

French Language, AP

This is an intensive course designed to prepare students for the AP French test in May. Students will read from more complex materials: short stories, novels, poetry excerpts and other literature. Basic skills are reinforced through the reading with an emphasis on speaking. Language syntax and grammar are reviewed. By the year's end, the students will be able to understand the spoken language, be able to read and understand literary excerpts, and be able to carry on advanced conversations with few grammatical errors. Summer homework may be required.

Prerequisites: A grade of “C” or better in Honors French 4 and the recommendation of the Honors French 4 teacher.

This course meets the UC/CSU “e” requirement.



Spanish I

This course is an introduction to the four basic language skills: listening, speaking, reading and writing. Students will learn cultural information about the Spanish-speaking world.

This course meets the UC/CSU “e” requirement.

Spanish II

A continuation of the course of study of the Spanish language and of the associated cultures started in Spanish 1. Spanish 2 is designed to develop the students' speaking and writing skills to a greater extent, to reinforce correct pronunciation and intonation, and to improve listening and reading comprehension. The grammatical study of the language will also be increased.

Prerequisite: C or better in Spanish 1 and teacher recommendation. Students may also be given a placement exam to insure that they have the background to succeed at this level.

This course meets the UC/CSU “e” requirement.

Spanish III

Continuation of basic grammar. Fundamentals are presented in the form of moderately long reading passages and emphasis is placed on reading and writing. Conversing in the Spanish language becomes imperative and there are more advanced cultural readings.

Prerequisites: Spanish II with at least a “C” and recommendation of the Spanish 2 teacher

This course meets the UC/CSU “e” requirement.

Spanish IV Honors

Emphasis of this class is Spanish for literature and communication. Students will develop speaking skills through oral presentations and class discussions on various topics. Throughout the year students will read works of Spanish and Latin American authors. Composition and literature assignments will provide the opportunity to review grammar. The class is conducted completely in Spanish. Enthusiasm for Spanish is a must.

Prerequisite: Grade B or better in Spanish III

This course meets the UC/CSU “e” requirement.

Spanish Language, AP

This is an intensive course designed to prepare students for the AP Spanish test in May. Students will read from more complex materials: short stories, novels, poetry excerpts and other literature. Basic skills are reinforced through the reading with an emphasis on speaking. Language syntax and grammar are reviewed. By the year's end, the students will be able to understand the spoken language, be able to read and understand literary excerpts, and be able to carry on advanced conversations with few grammatical errors. Summer homework may be required.

Prerequisite: B or better in Spanish IV Honors and teacher recommendation.

This course meets the UC/CSU “e” requirement.

CAREER TECHNICAL EDUCATION

Note: Students must be Juniors or Seniors or 16 years of age in order to take ROP classes. 15 year old sophomores with a comprehensive plan may also take ROP courses.

Alternative Fuels/Vehicles/Robotics

Grades 10-12 Fall/Spring. This course will be an exploration of the use of alternative fuels and of the evolution of the alternative fuel powered automobile. There will be various group projects which will lead to the design of an electrically powered robot. There is a lab fee for this course.

Auto 1

Grades 9-12 Fall/Spring. This course combines theory and practical applications of automotive technology to acquaint the student with the tools and equipment of the trade. The student need not drive a car to benefit. Systems covered include engines, transmissions, final drives, brakes and clutches. The majority of the class time will be committed to hands on learning in the shop. The course is directed toward students who want a working knowledge of their personal auto as well as toward those who are pursuing a career in automotive technology. There is a lab fee for this course.



Auto 2 (ROP)

A continuation of Auto 1, this course is an expansion of the principles and skills already learned. The rest of the systems of the modern automobile are covered. The emphasis is on learning the shop environment. The course is directed toward students who want to round out their knowledge of automotive technology.

There is a lab fee for this course.

Auto Technology (ROP)

This course prepares the student for entry-level employment and provides the knowledge and skills required to enter into advanced training in the automotive field. The course follows ASE (Automotive Service Excellence) guidelines and includes engine repair, fuel delivery systems, wheel alignment, computer control, air conditioning, electrical systems, brake service and repair, front-end repair, diagnostic equipment and technical reading and writing. Integrated throughout the course are career preparation standards which include basic academic skills, communication, interpersonal skills, problem solving, workplace safety, technology and employment literacy.

Child Development

Grades 9-10 Fall/Spring. Do you enjoy working with young children? In this class you will be interacting with them, reading to them, playing games with them and writing a children's story book. Learn how children grow and change from birth to Kindergarten age. Participate in a preschool on campus. Students may take this course multiple times for credit.

Prerequisite: Tuberculosis screening required.

Careers with Children (ROP)

Students prepare for employment as preschool teacher aides and for advanced education in related fields. Training includes stages of child development, parent-child relationships, nutrition, age-appropriate activities, health and safety issues, types of child care facilities and licensing. Training also includes working with preschool children on campus and through internships in local preschools and/or elementary schools as pre-school or teacher aides.

Careers in Teaching (ROP) (Formerly Careers in Education)

This entry level course is designed to provide students with knowledge of career opportunities in the field of teaching and other school site educational professions. Active class participation is enhanced by field work at school sites under the guidance of a mentor teacher. All students are required to observe and/or participate in a variety of settings and classrooms at the primary/elementary, middle/junior high and secondary levels. The course helps prepare students for entry into college or university teacher training programs.

Career Exploration

Grades 9-12 Fall/Spring. In this course students will learn the required skills, training, potential pay and working conditions of various careers. A career plan will be completed with the use of skills analysis and student interests. By exploring a variety of different careers students will tighten the focus of their educational goals and objectives. A variety of mediums will be used to explore different careers, including internet, print medium and informational interviews.

Culinary Arts 1

Grades 9-12 Fall/Spring. This course is designed to give basic knowledge to the beginning cooking student. It covers a wide range of foods from omelets and crepes to pizza and lasagna. There are practical food labs in which you cook at least three times a week. Learn many helpful cooking hints, including how to prepare foods for yourself as well as a fantastic meal for your guests.

There is a lab fee for this course.

Culinary Arts 2

Grades 9-12 Fall/Spring. This course is designed for the experienced cooking student. Students learn to prepare and serve gourmet meals, study the specifics of meat, poultry, yeast breads, pies, pasta and foreign foods. Students may repeat this course for credit.

There is a lab fee for this course.

Prerequisite: Completed Culinary Arts 1 or teacher permission.



Computer Applications (ROP)

This competency-based course provides comprehensive instruction in word processing and other office skills, preparing students for entry level positions in a business office. Learning options include Windows file management and the standard Microsoft Office programs. Also included are internet skills. There is a review of general office procedures, business communication, job search preparation and formatting college level papers.

Internet Essentials

Grades 9-12 Fall/Spring. The focus will be on writing HTML (Hyper Text Markup Language), using Internet Explorer, customized web searching, and creating graphics. This is a hands on, project oriented course where students learn everything from basic Internet tools to designing web pages. This course may be repeated for credit. Some computer knowledge helpful.

Introduction to Computer Apps/Keyboarding

Grades 9-12 Fall/Spring. Everyone needs this class. High school and college success relies on student's knowledge of technology. This course focuses on keyboarding by touch with an emphasis on speed, accuracy and technique with a minimum goal of 35 words per minute by the end of the semester. Additionally, students will learn the basic features of MS Word, Excel, and Power Point. The student will also be able to build a computer from parts. The internet will be used as a tool to enhance projects. This course may be repeated for credit.

Java Programming (Computer 1)

Grades 9-12 This course is a friendly introduction to computer programming and it prepares students for the year-long Advanced Placement Computer Science course. Although students learn to program in the Java Language, most of the concepts learned apply to other programming languages. Topics include program development pseudocode, variables, data types and operators, selection flow control, repetition flow control, methods, strings, arrays and graphics.

Prerequisite: "C" or better in Algebra 1

This course meets the UC & CSU "g" requirement.

Multimedia (ROP)

Students will learn basic skills for combining text, video, graphics, animation and sound to create multimedia presentations that can be used in business, publishing, marketing, teaching or on the internet.

Meets UC and CSU "f" Visual and Performing Arts requirement

Prerequisite: Intermediate computer skills recommended

Recording Studio [Digital Recording Studio] (ROP) (Formerly Recording Arts 101)

In this class, students learn the process of recording—from live performance to CD. Students will have hands-on training in the studio, gaining a working knowledge of the equipment, including computer equipment and recording software. Students wishing to train as studio musicians learn the important aspects of that career and do a minimum of seven live performances per year. Students gain experience in recording, mixing down, and burning CD music projects.

Prerequisites: Prior musical background is helpful.

This course does NOT meet the UC/CSU requirements.

Video Production [Art of] (ROP)

Students will acquire the visual arts skills to create quality video productions. Emphasis is on the uses of communication and organizational skills. Students learn the basic skills to produce their own videos while exploring aspects of pre-production, script writing, camera work, lighting and sound.

Prerequisite: Basic computer skills, fine arts, photography, drama or journalism are recommended.

This course meets the UC/CSU "f" requirement.

Web Page Design 1-2

(11-12) This course is suited for students with a strong interest in web page design. We will work with layout, web page elements and create pages suitable for publication on the World Wide Web. Students will use HTML as well as PhotoShop, Flash and Dreamweaver, a web page editor, to create personal and professional web sites. Students who choose to move on to Level 2 will work on the SRVHS web site and more advanced web design skills.

Prerequisite: Multimedia or instructor approval.



Engineering [Introduction to] (ROP)

This course is designed to provide students who are interested in pursuing careers in engineering early exposure to engineering and its links to science. As engineering is interdisciplinary, this course embraces a wide variety of topics from different areas of study. This is a project-based course, where students will develop their critical thinking skills by designing and performing experiments that simulate real-world engineer experiences.

This course meets the UC/CSU “g” requirement.

Environmental Science AP (ROP)

This course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them. Job shadowing and internships are encouraged.

Prerequisites: Algebra, Biology, and Chemistry with a grade of B or better.

This course meets the UC/CSU “d” requirement.

Photography [Advanced] (ROP)

This course will familiarize students with advanced photographic equipment, materials and methods. Students deepen and broaden their investigation of artistic photography while improving their techniques and developing a personal style. Students complete a portfolio of advanced photography and exhibit their work in public forums.

Meets UC and CSU “f” Visual and Performing Arts requirement

Prerequisite: Photography

Photography [Advanced Digital] (ROP) (Digital Photography)

This course will familiarize students with advanced photographic equipment, materials and methods and digital processes. Students complete a portfolio of advanced digital photography and exhibit their work in public forums.

Prerequisite: Photography or Digital Photography

This course meets the UC/CSU “f” requirement.

Sports Medicine (ROP)

This course explores human anatomy and physiology and lays the foundation for further study of these sciences. Students learn how systems of the body function and interact through physical activity and develop a thorough understanding of the structure and function of the musculoskeletal system. This knowledge serves as a platform for understanding the physiological response to injury and improving performance. Students taking this class may be eligible for an after-school sports medicine practicum with the school’s athletic teams (optional). Throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, safety, technology and employment literacy. Labs are designed for hands on experience. Labs include taping, suture lab (stitches), casting lab, blood pressure etc.

Prerequisite: Biology

This course meets the UC/CSU “g” requirement.

Sports Medicine [Advanced] (ROP)

Advanced Sports Medicine provides an excellent opportunity for students to continue exploring their interest in the fields of health science and medicine. This class provides a framework of advanced skills for understanding functional anatomy and kinesiology, building on the concepts learned in Sports Medicine. The lecture/lab format focuses on clinical hands-on applications of theory and knowledge, including evaluation, assessment, treatment and rehabilitation of athletic injuries. Internship opportunities are available at after-school athletic events assisting the head athletic trainer or team physician, and working with other health care professionals. Integrated throughout the course are career technical education standards which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork and technical knowledge. Internships available with this class. This class earns 10 credits per year.

Prerequisite: Biology, Sports Medicine

NON-DEPARTMENTAL

Health

Grades 9-12 This course examines the scientific knowledge and human behavior as it relates to major health issues and behaviors. Through lectures, readings, group projects, collaborative learning videos, and guest speakers, we



will explore a variety of topics pertaining to physical, emotional, and social health. The course topics include: self-esteem, abstinence, substance abuse (drug, alcohol, & tobacco education), CPR & First Aid, fitness, nutrition, STD's (HIV), family life, personality, decision-making, body systems, and growth and development.

Leadership Student Government

Grades 9-12 The Leadership/Student Council class is the student council and student activities center for San Ramon High School. All class officers and ASB officers are elected to leadership. A number of other positions are open to students through an application process. Positions for the upcoming school year are filled during spring of the previous year. Students are responsible for the activities and spirit of the student body. Leadership students must have a willingness to serve the student body as well as set a positive example to fellow students and the community. The goal of the leadership class is to develop the skills necessary for students to fulfill the duties of their position and to become effective leaders in the future. The course gives students an opportunity to work with their peers, school staff, and community members in order to promote a positive school experience and develop a school community of which we can be proud.

Prerequisite: Election or appointment

Newspaper -

Grades 10-12 - Year Students can apply the fundamentals of writing to publications of the *Wolfprint*, the school newspaper. This is a year long class.

Prerequisite: A semester of Journalism required or recommendation from English teacher.

This course meets the UC/CSU "g" requirement

Journalism

Grades 9-12 S1 Class Journalism is a basic course in news, feature, column and editorial writing. In addition, the course will cover: law of the press, advertising, headline writing, and newscasts. This course offers an exploration into the field of journalism and its role in today's society.

Prerequisite: Completion of previous year's college prep English course with a grade of "C" or better.

This course meets the UC/CSU "g" requirement.

Yearbook

Grades 10-12 This course involves students in the production of the school annual, *El Lobo*. Students in this course are responsible for every aspect of page production including photography, headline, copy, caption writing, picture cropping and proof correction. Students are also required to assist in distribution of the yearbooks.

Prerequisite: Application process - see Mrs. Donovan.

Teacher Aide

Grades 11 -12 Teaching assistants are used by teachers in all fields to help in organization and preparation of materials, small group work, tutoring, clerical duties, etc. Students can earn a maximum of 20 TA credits during high school.

Prerequisite: Teacher permission.

Work Experience

Grades 11-12 This course enables students to earn 5 credits for a combination of one class period of weekly instruction and a minimum of 10 hours per week of work experience. Class attendance, assignments, and documented hours are required for credit. Instructor will visit each work site two times during the semester for evaluation purposes. Instruction includes issues such as business planning, labor issues, careers, searching for a job, business management, health, safety, etc.

Prerequisite: Must be a Junior or Senior and have a part-time job (cannot be self-employed).

Speech 2

Speech 2 will give students extended practice in the major speech forms: expository, persuasive, debate, impromptu, congress, and literary interpretation. Speech 2 is also specifically designed to prepare students for speech competition. Students will be critically assessing and analyzing speeches as well as debating and discussing relevant issues with their peers. Students will work on research, organizational skills and technology to improve their communication skills. Students will be required to participate in at least two outside speech contests per semester.

Prerequisite: Successful completion of Oral Interpretation and/or teacher permission.

This course meets the UC/CSU "g" requirement, elective credit only.



Speech 2 does not meet the English requirement for graduation.

Creative Writing (semester)

Creative Writing is an elective course designed to introduce students to the fundamental skills necessary to become a creative writer. Students are involved in the close study of literature. Writing exercises include the composition of original poetry, short stories, and vignettes. Students learn the basic techniques of creative writing including figurative elements involved in constructing appropriate setting and theme. Designed to encourage students' creativity through the use of technique as well as mastery of basic writing skills, this course culminates with a portfolio of polished work. Students may repeat the course in the spring for additional elective credit.

This course is an elective but does not meet the UC/CSU "g" requirement or meet the English requirement for graduation.

SPECIAL EDUCATION

Students who are eligible for special education, and have a current Individualized Education Plan (IEP), may receive special education services in a variety of ways: in a general education class with support from a special education teacher, in a tutorial or academic success class taught by a special education teacher, individually or in a small group in a special education classroom with a special education teacher for a part of a school day, or in a Special Day Class (SDC) with core academics taught by a special education teacher. Scheduling for any of these options is based on the services outlined in a student's IEP and coordinated by the student's special education case manager in conjunction with the counseling office.



College Information

Community College

Admission requires high school graduation or being 18 with the ability to profit from community college instruction. At the community college students can complete the first two years of college and transfer as juniors to universities and colleges in California and elsewhere providing they have successfully completed the appropriate course work. Students can also receive vocational and business training which will enable them to enter an occupation. Assessment testing (Math and English) should be taken in the spring of the senior year.

Admission to CSU

There are 23 campuses of the California State Universities. Admission is based on the student's state college grade point average and his/her score on the ACT or SAT. The state college GPA is based on work completed in the 10th and 11th grades excluding physical education and military science.

Applications and test dates are available in the Career Center. Information is also available on SAT preparation classes, SAT workshops and study guides. The California State universities also require an English Placement and a Math Placement test. After application is submitted, you will be notified as to time and place of tests.

To be eligible for admission, students with a given grade point average must present the corresponding ACT composite or SAT total score. In general, the lower the GPA the higher the test score required and conversely, the higher the GPA the lower the test scores required. Students with a 3.00 or higher GPA are eligible with any score on the entrance examination. Questions/Applications at www.csumentor.edu.

Admission to UC

The University of California has 9 campuses. The UC in San Francisco is primarily a graduate program in the health professions.

To be eligible for admission to the University of California as a freshman you must meet the Subject Scholarship and Examination Requirements.

If you have any questions or need assistance in determining your eligibility, please contact your school counselor or the Office of Relations with Schools or admissions on the nearest UC campus. Final determination is made by the Campus Admissions Office. Questions at www.universityofcalifornia.edu.

To be accepted by the University, courses must appear on a list certified by the high school principal as "Courses to Meet Requirements for Admission to the University of California." The grades earned in the "a-g" subjects taken in the 10th and 11th grades are the only grades the University will use to calculate the grade point average for admission. If students take more courses than the minimum required in an "a-g" subject, the University will use only the highest grades earned.

A student is required to complete 15 "a-g" subjects as described above. At least seven of the required units must be taken in the last two years of high school

All freshman applicants must submit test scores, as described below.

1. One aptitude test, either SAT Reasoning Test or ACT/with writing. The composite score will be reported.
2. Two SAT Subject Tests chosen from 2 different subject areas.

** Beginning with the class of 2012, the UC's are no longer requiring the SAT Subject Tests.*

Private Colleges and Universities

Admission requirements vary greatly with each school ranging from the very demanding to the less stringent admission standards. Private schools often take into consideration factors other than the grade point average and test scores. Such factors as special talents and aptitudes, religious affiliation, and high school activities may play a part in the admissions policies at some schools



Testing Information

American College Test (ACT) www.actstudent.org

The American College Test is designed to measure classroom achievement in four broad content areas, as well as the ability to reason, and the application of problem solving skills. The test takes approximately three hours and covers English usage, Mathematics, Social Studies and Natural Science. The score is based on the number of correct answers given with no penalty for wrong guesses. Scores for English, Mathematics, Reading, Science reasoning and a composite score are returned to the high school for distribution to the students. This test is accepted by most colleges and universities nationwide.

Testing Time (Overall): Approximately 3 hours.

Test Purpose: **Designed to measure classroom achievement in four broad content areas as well as the ability to reason and the application of problem solving skills (see test content section below).**

Test Content:

English Usage - Punctuation, Basic Grammar and Usage, Sentence Structure, Rhetorical Skills, Strategy, organization and style.

Mathematics - Pre Algebra, Elementary Algebra, Intermediate Algebra and coordinate Geometry, Plane Geometry, Trigonometry.

Reading Test - Four Types, Prose Fiction, Humanities, Social Studies, Natural Sciences.

Science Reasoning Test - Data Representation, Research Summaries, Conflicting Viewpoints.

SAT Reasoning Test www.collegeboard.com

The SAT is designed to measure academic aptitude areas. The test contains questions on critical reading, written English and Mathematics. Scoring reflects incorrect answers. The verbal, mathematical and writing scores are reported back to the student. This test is accepted by most colleges and universities nationwide. The Cal State System will not count the writing sub-score in their application analysis. The UC system will give equal weight to the SAT and the two SAT subject tests chosen. The Math II is the only math test accepted by the UC's

Testing Time (overall): Approximately 3 hrs and 45 minutes.

Test Purpose: Designed to measure academic aptitude in terms of verbal and numerical reasoning and ability to recognize standard written English.

Test Content: Critical Reading - Sentence Completion, Reading Comprehension in Social, Political, Scientific, Artistic, Philosophical and Literary Areas. Writing - Multiple Choice questions, student written essay, punctuation, grammar, sentence structure, diction and style.

Mathematics - Arithmetic & Algebra, Geometry, Logic, Operations etc. (The use of a calculator is permitted on the mathematics sections of the SAT reasoning.)

SAT Subject Tests

The University of California and some private colleges require various combinations of SAT Subject Tests and some allow students to choose their own. Check the requirements of the colleges you are interested in before deciding which tests to take. * *Beginning with the class of 2012, the UC's are no longer requiring the SAT Subject Tests, for most majors.*

The tests fall into five general subject areas:

2 subject tests are required in 2 different subject areas:

English - Literature

History and Social Studies - US History, World History.

Math II - Mathematics II (Calculator),

Sciences - Biology, Chemistry, Physics

World Languages - Chinese with Listening, French, French with Listening, German, German with Listening, Modern Hebrew, Italian, Japanese with Listening, Latin, Spanish with Listening.

Korean with Listening.

All subject Tests take one hour of testing time, and all consist entirely of multiple-choice questions.

The use of a calculator is prohibited on all Subject tests except Mathematics II.



National Collegiate Athletic Association (NCAA)

NCAA Division I Freshman - Eligibility Standards

All students must register with the NCAA initial - Eligibility Clearinghouse. Students must register at end of junior year and submit a final transcript upon graduation.

Obtain guidelines at www.ncaa.org.

Obtain forms at www.ncaaclearinghouse.net to obtain forms and to register on-line.

Changes in the Division I initial-eligibility index, or sliding scale. Check the website for the scale.

The 16 core course rule increases the number of core courses from 14 to 16. Students must complete three years of Mathematics (Algebra 1 or higher), and four years of additional core courses. The additional core course may be taken in any area: English, Mathematics, Natural/Physical Science, Social Science, World Languages or Non doctrinal Religion/Philosophy. The breakdown of the requirements is listed below.

Division I

16 Core Courses:

- 4 years of English
- 3 years of mathematics (Algebra 1 or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year additional English, mathematics or natural/physical science
- 2 years Social Science
- 4 years of additional courses (from any area above or World Languages, non doctrinal religion/philosophy, computer science*).

Division II

14 Core Courses:

- 3 years of English
- 2 years of mathematics (Algebra 1 or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 2 years of additional English, mathematics or natural/physical Science
- 2 years of Social Science
- 3 years of additional courses (from any area above or World Languages, non doctrinal religion/philosophy, computer science*).

If you have questions about NCAA eligibility, please log on to

www.ncaaclearinghouse.net.



San Ramon Valley High School

Courses that meet Minimum “A” – “G” Subject requirements 2009

CALIFORNIA STATE UNIVERSITY and UNIVERSITY OF CALIFORNIA

Websites: UC – www.universityofcalifornia.edu CSU – www.csumentor.edu

a” HISTORY/GOVERNMENT (2 Years)

1 year World History or European History
and 1 year US History (or 1 semester US History
and 1 semester Government)

World History 2 – 3

European History AP

US History 1 – 2

US History AP

American Government

American Government AP

“b” ENGLISH (4 Years)

English 9

English 10, English 10 Adv

English 11

English Language AP

English 12

English Literature AP

Composition

“c” MATHEMATICS (3 Years)

Algebra 1

Geometry

Algebra 2

Algebra 2 Adv

Math Topics Adv

Precalculus/Trig

Precalculus/Trig/Honors

Trig/Math Analysis

Trig/Math Analysis Honors

Calculus AB AP

Calculus BC AP

Statistics

Statistics AP

“d” LABORATORY SCIENCE (2 Years)

Accelerated Biology

Anatomy/Physiology

Anatomy/Physiology Honors

Biology

Biology AP

Environmental Science AP

Chemistry

Chemistry Honors

Chemistry AP

Physics

Physics Honors

Physics B AP

“e” FOREIGN LANGUAGE (2 Years)

Chinese Mandarin 1

Chinese Mandarin 2

French 1-3

French 4 Honors

French Language AP

Spanish 1-3

Spanish 4 Honors

Spanish Language AP

“f” VISUAL/PERFORMING ARTS (1 Year)

Single year long VPA Course

Art 1-2, Art 3, Studio Art AP, 3-D Art 1-2,

Graphic Design, Photo, Adv. Photo, Digital Photo, Concert
Band, Symphonic Band, Jazz Band, Jazz Ensemble, Orchestra,
AP Music Theory, Men’s Ensemble, Women’s Ensemble,
Treble Choir, Concert Choir, Chamber Singers, Theatre Arts 1-
2, Theatre Arts 3, Theatre Arts 4, Theatre Production, Dance 1-
2, Dance 3, Dance 4, Dance 5, (as long as not used for PE) Oral
Interpretation, Art & Animation, Art of Video Production,
Multi Media, Web Page Design

“g” COLLEGE PREPARATORY ELECTIVES

(1 Year or 2 Semesters)

Additional course work in any of the above subject areas
beyond the minimum requirement and/or the following courses:

Journalism, Speech 2,

Civil War, Law, World War II,

World History 1, World Geography

Economics, Economics AP,

Psychology, Psychology AP,

AB Java Programming, AP, Comp Science AB, AP,

The Vietnam Era, Sun Java Programming

Roots of Rock Music,

Physical Science (UC Only)

AP Comparative Government & Politics

Intro to Engineering

Sports Medicine

Newspaper

Integrated Physical Science

Underlined courses denote extra honors credit A = 5, B = 4, C = 3