

Simi Valley Schools

SIMI VALLEY UNIFIED SCHOOL DISTRICT

HIGH SCHOOL COURSE CATALOG

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Our District

At Simi Valley Schools, we value every family passing through our schools and programs. It's so important to us that we've made it **Our Promise** to our community, that *we will inspire each and every student to succeed in school, career and life.*

We have 28 school sites that offer educational opportunities for every child, starting with preschool at Justin Early Learners Academy and then into one of our 18 elementary schools, three middle and four high schools. Adults seeking continuing education options will find exciting courses and certificate programs at our Simi Institute for Careers & Education. We even have a thriving homeschool/independent study program available through Monte Vista School for Kindergarten through 12th grade.

The Simi Valley Unified School District is Ventura County's second largest school district (as of the 2016-2017 school year), and it serves the city of Simi Valley and the unincorporated Ventura County areas adjacent to the city's borders. Our size gives us the incredible advantage to offer many diverse programs and courses to meet the needs and interests of every student coming to us. Each school is distinctive and while all of our K-12 schools follow state mandated curriculum guidelines, each also offers more, through its specialized courses, programs and/or extra-curricular activities.

Our Promise

The Simi Valley Unified School District offers the families of Simi Valley and the surrounding area a vibrant portfolio of educational choices built on a common sense of community, and the common purpose of inspiring each and every student to succeed in school, career and life.

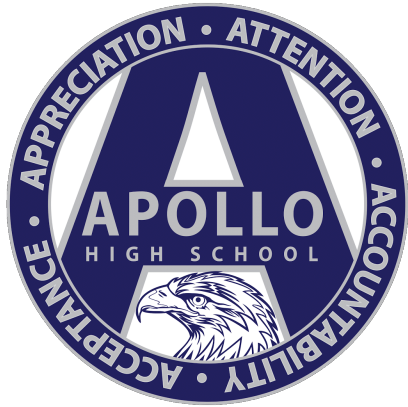
We believe that the best student outcomes are achieved when we provide

- Rigorous academic programs, relevant to a diverse and changing world;
- High expectations that respect the differences in our students;
- Exceptional instruction in an innovative learning environment;
- Opportunities for our students to build confidence and strong character; and
- Participation of everyone in our students' success.

We are driven, proud and passionate about the personal and intellectual success of each and every student. No matter where the future takes you, the road to success runs through Simi Valley.

Our Motto

From Here to Anywhere



Apollo High School

3150 School Street, Simi Valley, CA 93065

(805) 520-6150 apollo.simivalleyusd.org

Twitter: @ApolloSimi

Facebook: www.facebook.com/ApolloSimi/

Naviance: connection.naviance.com/apollohigh

Our School

At Apollo High School, we live by the Four As: acceptance, attention, appreciation and affection. We are recognized as one of California's top continuation high schools and offer our students an individualized path to earn their high school diploma and get career preparation around their unique needs. Our staff proudly connects with and educates each student coming to us in an atmosphere of acceptance. Many support programs, such as the Minor Parent Program, and diverse elective course show our students that they are accepted and that they have the opportunity to succeed. We provide a safe, caring and academically challenging environment in which students can grow academically and personally. At Apollo High School we believe that giving respect and dignity to all students, while helping them enhance their self-discipline, communication, and problem-solving skills, will result in success in all areas of their lives. The best interests of the student will always be considered, considering his/her needs, the nature of the problem, and the health, safety, welfare, and rights of other students and staff.

Special Programs

Minor Parent Program

Adult Education

Work Experience

Regional Occupation Programs (ROP)

Apollo Student Assistance Program

Pathways Programs (Career-Technical Education):

- Agriculture
- Cabinetry & Woodworking

Administration

Shanna Sarris, *Principal*

Elizabeth Boucher, *Counselor (Last Names A to K), Section 504 Coordinator*

Maria Sprowl, *Counselor (Last Names L to Z), Section 504 Coordinator*

Karen Smith, *Office Manager*

Carolina Bowers, *Registrar*

Angelina Hernandez, *Attendance*



Monte Vista School

1220 Fourth Street, Simi Valley, CA 93065
(805) 579-6326 montevista.simivalleyusd.org

Twitter: [@DrMVPsimivalley](https://twitter.com/DrMVPsimivalley)

Facebook: www.facebook.com/groups/parentsofmontevistalearningacademy/

Naviance: connection.naviance.com/mvista

Our School

Monte Vista School is an independent/home school program serving students in kindergarten through 12th grade. We offer personalized education for students facing unique life challenges, which would otherwise make traditional school attendance difficult. We also serve a growing community of families choosing to home school their children. Students receive individualized instruction, working independently at home under the guidance of a credentialed teacher. Our beautiful campus offers science labs and hands-on learning experiences, including foreign languages, Imagination and Curiosity labs, a MakerSpace, our Monte Vista Café and agricultural/horticulture program.

Special Programs

Advanced Placement Classes
Agriculture-Horticulture Program
Amateur Radio Club
Art Lab
Robotics & Engineering Lab
Credit Recovery
Theater Program & Drama Club
Conversational Mandarin
Dual Enrollment with Moorpark College
Middle School Mock Trial Team
Middle School Speech Team

Administration

Dr. Stephen Pietrolungo, *Principal*
Marilyn Erickson, *Counselor*
Ruth Sosa, *Office Manager*
Christa McDermott, *Registrar*



Royal High School

1402 Royal Avenue, Simi Valley, CA 93065
(805) 306-4875 www.rhs.simivalleyusd.org

Twitter: @TheRoyalHS

Facebook: www.facebook.com/royalhighschool/

Naviance: connection.naviance.com/royalhigh

Our School

At Royal High School, we work to have all students reach their highest potential. We focus on providing excellent education to every student in the 4 As: Academics, Activities, Arts and Athletics. We offer unique programs in the Air Force Junior ROTC, International Baccalaureate Diploma Programme and the Ronald Reagan Citizen Scholars Institute, along with music, fine art and award-winning athletics. We enjoy incredible support from our parents and community. At Royal High School, our students are not just part of a school. They are part of our family. Royal High School is a 2017 California Gold Ribbon School.

Special Programs

Advanced Placement Classes

Air Force Junior ROTC

International Baccalaureate Diploma Programme

Ronald Reagan Citizen Scholars Institute

Pathways Programs (Career-Technical Education):

- Cabinetry, Construction & Woodworking
- Child Development
- Emergency Response
- Food Service & Hospitality
- Homeland Security
- Legal Practices & Forensics
- Media Arts: Graphic Design
- Patient Care: Sports Medicine
- Public Service
- Software & Systems Development
- Video Production

Administration

Keith Derrick, *Principal*

Patricia Bass, *Assistant Principal (Guidance & Supervision, Last Names A to M)*

Patti Myszkowski, *Assistant Principal (Special Education/School Safety, Last Names N to Z)*

Matthew Guzzo, *Assistant Principal (Curriculum & Instruction)*

Aaron Dobson, *Director (Activities & Athletics)*

Andy Andreolli, *Athletic Director*

Sue Guy, *Counselor (Last Names A to Er)*

Aamina Hemmings, *Counselor (Last Names Es to La)*

Dr. John Burton, *Counselor (Last Names Le to Ra)*

Amanda Viescas, *Counselor (Last Names Re to Z)*



Santa Susana High School

3570 Cochran Street, Simi Valley, CA 93065

(805) 520-6800 www.santasusana.org

Twitter: @SantaSuHigh

Facebook: www.facebook.com/SantaSusanaHighSchool/

Naviance: connection.naviance.com/santash

Our School

Santa Susana High School, a Magnet school, offers a vibrant community that provides an excellent education through Accelerated Academics, Technical Arts and the Visual and Performing Arts. We embrace students benefitting from a smaller campus, technology-embedded classes and focused studies. Students prepare for college and career in an award-winning magnet school recognized by the CDE, CSBA and *U.S. News and World Report*. We offer flexible schedules, an extended school day and block periods for project-based learning. Scholarship, skills and citizenship are fostered through world-class curriculum and culminate for every student in the Senior Project. Santa Susana High School is a California Gold Ribbon School.

Special Programs

Advanced Placement Classes

School of Letters & Sciences: Academies of Accelerated Academics, Applied Science & Engineering and Law & Culture

School of Digital Arts & Technology: Academies of Digital Graphics, Digital Media & Production and Information Technology

School of Visual & Performing Arts: Academies of Visual Arts, Performing Arts and Stage Production

Pathways Programs (Career-Technical Education):

- Commercial Illustration
- Media Arts: Commercial Illustration
- Performing Arts: Professional Dance
- Performing Arts: Professional Music
- Performing Arts: Professional Theater
- Production & Managerial Arts: Stage Technology
- Engineering Technology
- Legal Practices
- Software & Systems Development

Administration

Jerry Block, *Principal*

Jason Quartararo, *Assistant Principal (Last Names A to K)*

Cindy Fernandes, *Assistant Principal (Last Names L to Z)*

Devyn Thompson, *Counselor (Last Names A to F)*

Denise Johnson, *Counselor (Last Names G to N)*

Kelsey McMahan, *Counselor (Last Names O to Z)*

Jennifer Wigdor, *College & Career Counselor*

Francisca Mendoza-Martinet, *Senior Project Coordinator*



Simi Valley High School

5400 Cochran Street, Simi Valley, CA 93063
(805) 577-1400 www.svhs.simivalleyusd.org

Twitter: @SimiValleyHS

Facebook: www.facebook.com/simivalleyhighschool/

Naviance: connection.naviance.com/simihigh

Our School

Simi Valley High School is a high-performing comprehensive high school recognized for its successful Advanced Placement classes, Medical & Health Careers Academy and deep athletics programs. Guided by our Commitment to Excellence, our highly qualified staff is compassionate and caring, putting students' needs first. We promote high achievement through rigorous college to career programs, all within a positive learning environment. As the largest and oldest high school in Simi Valley, we Pioneers enjoy a rich and proud tradition and great community support for our students.

Special Programs

Advanced Placement Classes and Advanced Placement Capstone Certification

Dual Enrollment Academy

Medical & Health Careers Academy

Pathways Programs (Career-Technical Education):

- Biotechnology
- Cabinetry, Construction & Woodworking
- Child Development
- Emergency Response
- Engineering Design: NIMS
- Entrepreneurship & Marketing
- Game Design & Computer Programming
- Patient Care: Medical Health Careers
- Performing Arts: Professional Dance
- Software Systems: Robotics
- Transportation: Auto Repair
- Video Production

Administration

Dean May, *Principal*

April Jacobsen, *Assistant Principal (Last Names A to K)*

Brian Cox, *Assistant Principal (Last Names L to Z)*

John C. Baxter, *Assistant Principal*

Brian Kiunke, *Director of Activities*

Joelle Cardona, *Director of Athletics*

Ila Laguercia, *Counselor (Last Names A-D)*

Lana Wastell, *Counselor (Last Names E-K & ELD)*

Chris Shurer, *Counselor (Last Names L-Q)*

Loren Dittmar, *Counselor (Last Names R-Z)*

SVUSD Graduation Requirements

In order to graduate from the Simi Valley Unified School District, high school students must:

1. Successfully complete the number of credits in each subject area as noted below for a total of 230 credits:

- 40 units English
- 30 units Mathematics
- 30 units Science
- 20 units Physical Education
- 10 units Fine Arts or Foreign Language
- 30 units Social Science
- 5 units Practical Arts
- 5 units Health
- 5 units Computer Education*
- 55 units Electives

2. Complete a one-year course or a combination of two courses that meet or exceed the rigor of the state content standards for Algebra I in order to fulfill part of the mathematics graduation requirements. A total of 30 credits in mathematics are required.

Important Notes:

- For each semester course offering which is completed with a “D” or better, five (5) credits of required or elective credits are issued. If a course is repeated to improve a grade, credit will be assigned only to the higher grade.
- All seniors must be enrolled in at least 50 credits during their senior year (at least 5 periods per semester).
- *Students can meet the Computer Education requirement by completing a portfolio if submitted by the portfolio deadline. See your counselor for more information on this option.
- **THE FINAL RESPONSIBILITY FOR MEETING GRADUATION REQUIREMENTS RESTS WITH THE STUDENT AND HIS/HER PARENTS.**

SIMI VALLEY UNIFIED SCHOOL DISTRICT

Comparative Minimum Requirements

[A-G Portal: https://hs-articulation.ucop.edu/agcourselist](https://hs-articulation.ucop.edu/agcourselist)

Course	SVUSD Graduation Requirements TOTAL: 230 Credits		California State University (CSU)	University of California (UC)
English	4 years	40 credits	4 years College Prep, Honors or AP	4 years College Prep, Honors or AP
Math	3 years Algebra 1 needed for diploma	30 credits	3 years College Prep, Honors or AP including Alg I, Geometry, & Alg II (4 years recommended)	3 years College Prep, Honors or AP including Alg I, Geometry & Alg II (4 years recommended)
Social Science	3 years World History U.S. History Government/Economics	30 credits (10 credits) (10 credits) (10 credits)	2 years College Prep, Honors or AP including 1 year U.S History	2 years College Prep, Honors or AP including 1 year W. History and 1 year U.S. Hist <i>or</i> U.S Hist/Govt.
Science	3 years 1 year physical science 1 year biological science 1 year elective	30 credits (10 credits) (10 credits) (10 credits)	2 years Lab Science College Prep, Honors or AP (Physical Science AND Biological Science) (3-4 years recommended if going into science field)	2 years Lab Science College Prep, Honors or AP (Physical Science AND Biological Science) (3 yrs recommended; 4 yrs preferred)
Fine Art	1 year Fine Art OR 1 year Foreign Language	10 credits	1 year Visual / Performing Arts 2 years of the SAME language College Prep, Honors or AP includes Amer. Sign Language	1 year Visual / Performing Arts 2 years of the SAME language College Prep, Honors or AP (3 years recommended)
Practical Art	.5 year	5 credits	N/A	N/A
Health	.5 year	5 credits	N/A	N/A
P.E.	2 years	20 credits	N/A	N/A
Computer	.5 year	5 credits	N/A	N/A
Additional Requirements	55 additional elective credits	55 credits	1 year academic elective College Prep, Honors or AP from a-g list	1 year academic elective College Prep, Honors or AP Economics College & Career Seminar
Minimum Grade	D		C	C
Testing			ACT OR SAT (No essay)	SAT I OR ACT with Writing as of 2012 SAT Subject Tests Recommended-- check individual campuses

The more selective the college, the more Honors and AP classes are recommended. Classes should be challenging, but not overwhelming. Be sure to select classes appropriate for the student's skill level and his/her ability to manage the course load, as well as time spent on extra-curricular activities. Consult the college catalog or website for specific information.

COLLEGE ADMISSION INFORMATION

The following should be understood by students planning to attend a college or university:

UC GUIDELINES REGARDING D AND F GRADES

Repeating Courses: Ds and Fs in UC approved "A-G" courses needed to satisfy the Subject Requirement must be repeated in a higher grade received. The transcript will contain the entire course history, but only the repeated grade is used in the grade-point average calculation. **Each course in which a grade of D or F has been received may be repeated only once.**

ANY COURSE IN AN "A-G" SUBJECT COMPLETED WITH AT LEAST A "C" MAY NOT BE REPEATED FOR A HIGHER GRADE; ITS REPETITION WILL BE DISREGARDED.

Students must receive C grades or above to be eligible for admission to University of California. Students who earn a D or F in the first semester of some "A-G" required courses may be found eligible for admission under certain circumstances. Students should consult with their counselor and refer to the following website if they earn a D or an F in any college preparatory course:

www.universityofcalifornia.edu.

A-G Portal

The A-G / College Entrance Requirements are a sequence of high school courses that students must complete (with a grade of C or better) to be minimally eligible for admission to the University of California (UC) and California State University (CSU). A list of A-G courses taught at your high school can be found at hs-articulation.ucop.edu/agcourselist#/list/search/institution.

Dual-Enrollment

"Dual-enrollment" - a student is enrolled in a high school course, taught by a high school teacher on a high school campus, which is also approved for college credit. For more information please see your high school counselor.

Articulated Courses

"Articulated course" - a student is enrolled in a college class taught on the college campus by a college professor yet, receives high school credit along with college credit. For more information please see your high school counselor.

Grade Point Average

A student's grade point average (GPA) is computed by assigning a numerical value to each course grade, adding total points, and dividing by the number of courses taken. To compute a GPA: A = 4, B = 3, C = 2, D = 1, F = 0. A GPA can range from 0.0 (an "F") to 4.0 (an "A"). Most colleges use a GPA based upon the marks earned from the beginning of tenth grade through the second semester of the eleventh and exclude physical education. **All AP/IB courses are graded on a 5 point scale for students earning a grade of "C" or better.**

PSAT – Preliminary SAT

The Preliminary SAT (PSAT) is a shortened version of the SAT. This test is given at the high schools each year in October. For sophomores, this is an opportunity to practice for the SAT with the test results being useful in academic planning. When the test is taken in the junior year, student scores are screened for the National Merit Scholarship Competition. Students must sign up for this test at their respective high school. There is a charge for the PSAT just as there is for the SAT.

SAT: Reasoning Test

The SAT is a nationwide test that is required by many four-year colleges and universities and is used to help determine eligibility for admission. **It is recommended that students take the SAT in their junior year.** If the score is not as high as hoped for, the student may retake the test in the fall of his/her senior year. **All college testing should be completed by December of the senior year.** The SAT is offered and administered by the College Board, a private testing service, and must be paid for by the student. Students should visit the College Board website to check the various test dates for the school year. Registration can be completed online at www.collegeboard.org or by calling (866) 756-7346.

SAT: Subject Tests

The SAT Subject Tests are examinations in specific subject areas that are administered by the College Board. The SAT subject tests are recommended by the University of California and some private colleges. The student should consult with the college catalog of his/her intended college to determine if SAT Subject Tests are necessary for admission and which tests should be taken in May or June of the junior year or when the student has completed the particular coursework.

ACT Test

The ACT is a nationwide test that is required by many four-year colleges and universities and is used to help determine eligibility for admission. It is recommended that students take the ACT in his/her junior year. **All college testing should be completed by December of the senior year.** The ACT is offered and administered by the ACT, a private testing service, and must be paid for by the student. Students should come into the Counseling Office in September to check the various dates for the school year. Applications for registration are available in the Counseling Office and should be mailed by the student six weeks prior to the test date requested. Registration can be completed online at www.ACT.org or by calling (319) 337-1270.

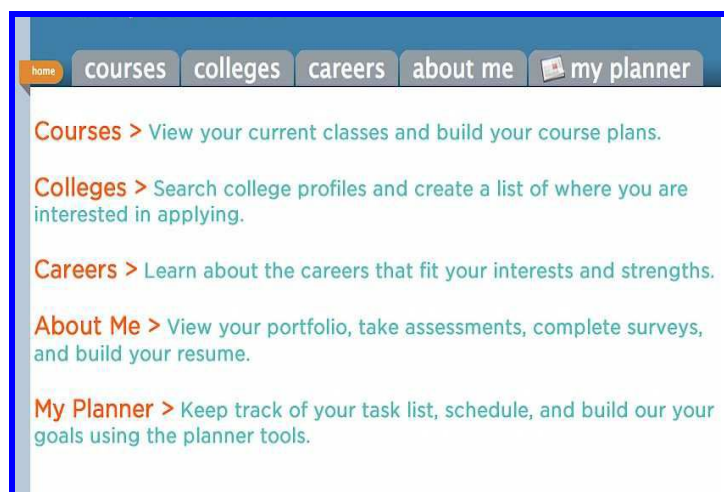
College-Bound Athletes – NCAA Eligibility

College-bound student-athletes will need to meet the certain academic requirements to practice, receive athletic scholarships, and/or compete during their first year of college. For more detailed information about NCAA Eligibility visit www.ncaa.org/student-athletes/future/eligibility-center.

Naviance

Naviance is a web-based program for academic planning, college and career research. This system is available to **6th-12th** grade students in the Simi Valley Unified School District.

Naviance helps students and families connect what students do in the classroom to their life goals, including finding colleges and careers based on their personal skills and areas of interests. Naviance provides a single location for school and district administrators to engage students and families, improve college and career planning, and measure student outcomes. We encourage students, parents, guardians, and family members to explore the wealth of information contained in this incredible resource.



Logging in to Naviance:

Students:

1. To visit Naviance: use an Internet browser to connect to: www.naviance.com
2. Select **Sign-In** (top right-hand corner)
3. Select **Students & Families**
4. Enter your **school zip code**
5. Select your **school**
 - **Student Username** = 10-Digit State Student ID # (SSID)
 - **Password** = Student First Name (first letter capitalized)

Parents:

All parents/guardians have their own Naviance account and access to explore their child's Naviance. To visit and register, please follow the directions below:

1. To visit Naviance, use an Internet browser to connect to: www.naviance.com
2. Select **Sign-In** (top right-hand corner)
3. Select **Students & Families**
4. Enter your student's **school zip code**
5. Select your student's **school**
 - *(If you already registered and your child is at the same school as last year, please login using the same username/email and password you previously created.)*
6. Click the **I Need to Register** link
7. Enter your personal **registration code** (Please contact your child's school counselor)
8. Click the **Register** button
9. Enter your **e-mail address** and **create a password**
10. Accept the **terms of service**
11. Click the **Complete Registration** button

More information can be found at www.simivalleyusd.org/navianceportal.

Course Level Descriptions

Abbreviation	Course Level Description
H	Honors courses meet the requirements of all four-year colleges and universities. They offer in-depth coverage of various subject areas and provide added challenges and enrichment.
AP	Advanced Placement courses are at the college level and prepare students to take the Advanced Placement Tests given by the College Entrance Examination Board. Students who meet the exam requirements may earn college credit for AP courses.
IB	International Baccalaureate Diploma Programme is a program that offers rigorous pre-university courses at the college level. This long-standing internationally known academic program is for highly-motivated students and it prepares them to take the International Baccalaureate exams. Students who meet the requirements may earn college credit and an International Baccalaureate Diploma upon graduation. Students may also take individual IB classes instead of enrolling in the full program. (Offered only at Royal High School)

Additional information regarding any of the above may be obtained from your high school counselor.

ENGLISH

Primary Graduation Requirement: English

UC A-G Approved: B, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

AP English Language and Composition

The Advanced Placement Language and Composition course encourages students to become skilled readers of prose written in a variety of time periods, and skilled writers who compose for a variety of purposes and forms, as well as addressing the English 11 American Literature curriculum content. The course focuses on rhetoric, style analysis, sentence variety, grammatical structures, and preparation for the Advanced Placement English Language exam. Students who enroll in this class are strongly encouraged to take the Advanced Placement exam given in May. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students must have 'A' or 'B' in Honors English or 'A' in CP English and/or have a recommendation from the current/ previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used. Students are required to read two books during the summer and write briefly about them before class begins.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: English

UC A-G Approved: B, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

AP English Literature and Composition

Advanced Placement English is the highest level academic English course available to the high school student. This course demands many hours of reading and writing. The first semester is concerned with western thought from the Old Testament through contemporary literature. The second semester concentrates on British and American prose and poetry from the Elizabethan Age through the 20th Century. Students who enroll in this course are strongly encouraged to take the Advanced Placement examination given in May. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students must have 'A' or 'B' in AP or Honors English or 'A' in CP English and/or have a recommendation from the current/ previous English teacher. Submit an approved writing sample (a common scoring rubric will be used) - writing sample is used when other criteria are not present or for the purpose of appeal. When requests exceed space available, the English Language Arts California Standards Test score shall be used as a ranking tie-breaker to determine order of placement. Students who sign up for AP classes after the registration period will be accommodated on a space available basis. Students are required to read three books during the summer and to write briefly about them before class begins.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: English**UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 9**

This course is designed to fulfill the 9th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students enrolled in this course will: Read from a variety of genres, surveying traditional and modern literature; Read works from a variety of time periods; Organize thoughts and information, using the writing process; Write for a variety of purposes and audiences; Write an autobiographical essay; Use the appropriate conventions of written language; Use appropriate, effective and specific vocabulary; Understand, evaluate and speak effectively; Communicate ideas through oral language. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 9**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 9 Honors**

This course is designed to fulfill the 9th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. English Honors 9 is an enrichment course which includes considerably more reading, writing and speaking than required in English 9. The student will be expected to write papers and complete projects which reflect, not only the various literary works used in class, but the relevance and importance of these works as well, in addition to meeting the standards set for English 9. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: 'A' or 'B' in Honors English 8 or 'A' in English 8 and/or have a recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 9**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 10**

This course is designed to fulfill the 10th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students enrolled in this course will: Read from a variety of genres, surveying tradition and modern literature; Read works from a variety of time periods; Write for a variety of purposes and audiences; Use the appropriate conventions of modern language; Use appropriate, effective and specific vocabulary; Understand, evaluate and speak effectively; Communicate ideas through oral language. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 10

Primary Graduation Requirement: English**UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 10 Honors**

This course is designed to fulfill the 10th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. English Honors 10 is an enrichment course which includes considerably more reading, writing and speaking than required in English 10. The objectives of the course are to further develop advanced critical reading skills and increase the development of oral communication skills. This course will involve required reading assignments, oral presentations and various frequent writing assignments in addition to meeting the standards established for the English 10 course. Students enrolled in this course will: Read from a variety of genres, surveying world literature; Read works from a variety of time periods; Organize thoughts and information, using the writing process; Write for a variety of purposes and audiences; Use appropriate, effective, and specific vocabulary; Understand, evaluate, and speak effectively; Communicate ideas through oral language; Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: 'A' or 'B' in Honors English 9 or 'A' or 'B' in CP English 9 and/or have a recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 10**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 10: Ethics**

This course is designed to fulfill the 10th grade English requirement for graduation, meets the English entrance requirements for four-year universities, and is a component of the following Pathways: Law Enforcement, Sports Medicine, Child Development, Legal Services, International Business, and Financial Services. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: English**UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 11**

This course is designed to fulfill the 11th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students enrolled in this course will: Read from a variety of genres, surveying American literature; Read works from a variety of time periods; Organize thoughts and information, using the writing process; Write for a variety of purposes and audiences; Write a research paper; Write an expository essay; Use the appropriate conventions of written language; Use appropriate, effective and specific vocabulary; Understand, evaluate and speak effectively; Communicate ideas through oral language. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 11**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 11 Honors**

This course is designed to fulfill the 11th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students will explore American literature at a rapid pace, both chronologically and thematically, from Puritan times to the present. The student's ability to think critically will be developed and assessed through frequent writing and speaking assignments. The expository essay will be emphasized as will the student's ability to write under pressure. A fully developed research paper will be required. At times the students will be asked to reflect upon, interpret and evaluate the human condition. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: 'A' or 'B' in Honors English 10 or 'A' or 'B' in CP English 10 and/or recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**English 12**

This course is designed to fulfill the 12th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students enrolled in this course will: Read from a variety of genres, surveying British works and selected world literature; Read from works from a variety of time periods; Organize thoughts and information, using the writing process; Write for a variety of purposes and audiences; Use the appropriate conventions of written language; Use appropriate, effective and specific vocabulary; Use technology effectively to illustrate or argue a point; Use research methodology effectively to demonstrate an understanding of the research process. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 12 - 12

Primary Graduation Requirement: English**UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Literature HL1**

This course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized in four parts, each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to explore the language A in question through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion in IB English SL.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: English****UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Literature HL2**

This course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized in four parts, each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to explore the language A in question through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion in IB English SL.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 12 - 12

Primary Graduation Requirement: English**UC A-G Approved: B, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ERWC-CSU Expository Reading and Writing**

The goal is to prepare seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course-the assignment template-presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his/her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. Students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: English 9, English 10 and English 11

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

MATHEMATICS

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Algebra I**

In this first year of algebra, students develop an understanding of the symbolic language of mathematics, figuring out concepts using logical reasoning with constant use of the eight Standards for Mathematical Practice. The content focuses on seeing structure in expressions in order to build and interpret functions. Students will reason with equations and inequalities in order to solve problems using linear, exponential, and quadratic models. Students will acquire appropriate academic vocabulary and develop algebraic thinking, problem solving and analytical skills while building the necessary foundation for the upper level math courses. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education**Practical Arts****Electives****Algebra I w/Computer Programming**

Students make the abstract concrete by learning Algebra 1 in a software and systems development context. Through programming and designing multimedia projects, students are able to visualize the Algebra 1 topics examined: linear functions, exponential functions, quadratic functions, and beginning statistical analysis. Students design, develop, implement, maintain, and manage software programs using a variety of platforms and apply a Systems Development Process to projects throughout the course. Students develop the effective habits of mind stressed in Common Core Algebra, making sense of problems and persevere in solving them, reasoning abstractly and quantitatively, constructing viable arguments and critiquing the reasoning of others, modeling with mathematics, using appropriate tools strategically, attending to precision, looking for and making use of structure, and looking for and expressing regularity in repeated reasoning. Students develop college and career readiness skills via collaboration, communication, critical thinking, constructing new knowledge, and creativity by transforming abstract thinking into concrete products using Algebra 1 within the context of software and systems development. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9-12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Business Algebra I**

This integrated course will provide an engaging, contextualized learning environment for students to master the fundamental concepts of Algebra I through business applications. Students will develop an understanding of business, finance, and marketing while applying the mathematical knowledge necessary for success in those fields. This course provides a meaningful context for mastering the writing, solving, and graphing of linear, quadratic, and systems of two equations with multiple unknowns. This integrated approach provides an introduction to entrepreneurial ventures and basic business applications, such as breakeven and profitability analyses and revenue and cost functions. Satisfies UC/CSU entry requirements.

School Sites Available:Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9-12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Geometry**

This course is a formal development of the geometric skills and concepts necessary for students who will take Algebra II and/or other advanced college preparatory courses. In particular, the instructional program will provide for the: Consistent use of algebra throughout the course to reinforce the skills and concepts developed in Algebra I; Exploratory development of the formal representation of logical arguments; Application of logical principles to geometric proofs; Use of a full range of problem solving skills in the development of geometric concepts; Extension of trigonometry to angles greater than 90 degrees as a precursor to the development of circular function trigonometry in later courses. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Passing grade 1st sem. and at least a C 2nd sem. of Algebra I, C or better in 2nd sem of Algebra CD, or teacher approval.

School Sites Available:Royal
Simi Valley
Santa Susana
Apollo
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Geometry + Computer Visualization**

This course introduces students to a range of careers including software development, computer programming, game design, digital fabrication and methods that use computers to visualize geometric information necessary for product design. Using applied geometry, students create a final 3D-printed product that demonstrates the key role that geometry plays in a particular industry. Throughout the course, students will integrate geometric principles with computer-based programs and designs while learning to create and work in a technical environment that facilitates workplace efficiency and online communication. Upon completion of this course, students will be familiar with the many ways that computers can be used to simulate and model geometric concepts using computer programming and modeling, simulations and interactions and 3D printing. This course was developed at the University of California Curriculum Integration Institute (UCCI). Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I recommended

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Engineering in Geometry**

Engineering Geometry with Physics is designed as an introductory college and career preparatory course in geometry with continuous integration of physics and engineering CTE industry sector pathways (such as Engineering Design or Architectural and Structural Engineering) which will fulfill the Geometry standards satisfying a UC mathematics (c) requirement. The course is comprised of a series of units that are guided by project-based learning strategies to ensure adequate ramping and integration of content knowledge and requisite skills in the three focus areas of Geometry, Engineering, and Physics. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I recommended

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Algebra II**

Second year of algebra, students extend their understanding of the characteristics of math functions and the skills to create new functions using those characteristics. Improving their analytic skills, students will create alternative forms of the same function to assist interpretation, problem solving, and modeling. Students will continue strengthening their logical reasoning with constant use of the eight Standards for Mathematical Practice. The content focuses on seeing structure in graphical representations and algebraic expressions in order to build and interpret functions. Students will solve problems using quadratic, exponential, and logarithmic models and defend their answers with supporting evidence. Students will extend appropriate academic vocabulary and develop algebraic thinking, problem solving, and analytical skills while building upon the foundations from their lower level math courses. In order to integrate the multiple functions in this course, a focus on the characteristics that all functions have will be present throughout the course. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful Completion of Algebra I and Geometry.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Algebra II for the 21st Century**

This course is designed for students who are passionate about applications of mathematics and have a desire for a career in computer programming. This is an integrated course utilizing Algebra 2 concepts in a programming environment. Algebra 2 standards are combined with the game, simulation and software development concepts into an integrated secondary curriculum that meets both Algebra 2 course requirements and CTE standards. Students will research, analyze and modify existing program code and develop their own program code that will integrate major Algebra 2 concepts in each of the six units: linear functions, quadratic functions, polynomial function, rational expressions and equations, exponential and logarithmic functions and systems of equations. This course was developed at the University of California Curriculum Integration Institute (UCCI). Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Geometry

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Algebra II/Trigonometry**

This course is offered for academically exceptional students who intend on enrolling in AP Calculus in subsequent grades. Students entering the course will be expected to demonstrate creativity, imagination and have the ability to apply Algebra in various situations. The course will emphasize the logical deductive nature of Algebra and will develop the trigonometric functions through the use of both right triangle and circular functions. Implementation of current technology, such as graphing calculators and computer-assisted instruction, will be used in the development of the skills and concepts. Test given during final week. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'A' or better in both semesters of Geometry and teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Business Algebra I**

This integrated course will provide an engaging, contextualized learning environment for students to master the fundamental concepts of Algebra I through business applications. Students will develop an understanding of business, finance, and marketing while applying the mathematical knowledge necessary for success in those fields. This course provides a meaningful context for mastering the writing, solving, and graphing of linear, quadratic, and systems of two equations with multiple unknowns. This integrated approach provides an introduction to entrepreneurial ventures and basic business applications, such as breakeven and profitability analyses and revenue and cost functions. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9-12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Business Algebra II**

This integrated course will provide an engaging, contextualized learning environment for students to master the fundamental concepts of Algebra II through business applications. Students will research and analyze comprehensive aspects of a business plan, of finance, and of marketing while applying the mathematical knowledge and solution process necessary for success in business fields. This course provides a meaningful context for mastering the writing, solving, and graphing of linear, quadratic, and systems of two equations with multiple unknowns. Further, this class will integrate logarithms, probability and statistics, sequences and series, and matrices into real world business applications. This integrated approach provides an advanced approach to entrepreneurial ventures and advanced business applications, such as breakeven profitability analyses and revenue and cost functions. Students will learn how to use the tools to devise an effective business plan. Each unit in this course will contribute to a portfolio from the various key assignments and assessments. These key assignments and assessments will be organized into a culminating project. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I or Business Algebra I and Geometry recommended.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Probability and Statistics**

The course is intended for students who have a strong knowledge of college preparatory mathematics including algebra, geometry, and second-year algebra. Topics covered include: Exploring Data: Observing patterns and departures from patterns; Planning a Study: Deciding what and how to measure; Anticipating Patterns in Advance: Producing models using probability and simulation; Statistical Inference: Confirming models. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in both semesters of Algebra II or both semesters of Algebra II & Trigonometry.

School Sites Available:

Royal

Simi Valley

Santa Susana

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Statistics**

The statistics presented are primarily descriptive. Newspapers, magazines and televised programs will be used to introduce and discuss the following topics: table graphs (circle, bar, line and histograms); plots (scatter, stem-and-leaf and box-and-whiskers); measures of central tendency; measures of deviation; quartiles, percentiles, variance, Z-scores and others. Students will become familiar with statistics calculators and use software packages. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'B' or better in Algebra II.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Business Statistics**

Business Statistics introduces students to statistical concepts, techniques, and tools for collecting, analyzing, and drawing conclusions from data as applied in most business environments. It is an equivalent level course to existing CP statistics classes at the secondary level. The course focuses on the student as a user and producer of statistics to inform and support decision making in a business context. An emphasis is placed on the use of spreadsheet software (Excel) to perform statistical analyses to such a degree that students are sufficiently trained to pass the Microsoft Excel certification exam. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I & Algebra II.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11-12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Pre-Calculus**

Pre-Calculus is a full-year course that blends together all of the pre-calculus concepts and skills that must be mastered prior to the enrollment in a college level calculus course. A functional approach integrating as many concepts as possible will be used throughout the course. Implementation of current technology, such as graphing calculators and computer-assisted instruction, will be used in the development of the skills and concepts. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Algebra II or teacher approval.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Calculus AB**

This Advanced Placement course is intended for students who have a thorough knowledge of college preparatory pre-calculus mathematics including Algebra, Geometry and Trigonometry. A score of 3, 4 or 5 on the examination will enable the student to obtain from 3 to 6 semester units of college credits in mathematics. Graphing calculators and computers will be used throughout the course to aid in the solution of problems. Problems requiring the use of a graphing calculator will be included on the Advanced Placement examination. Topics covered include: Differential calculus and applications; Integral calculus and applications; Solutions to elementary differential equations. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in either Algebra 2/Trig or Math Analysis and teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Calculus BC**

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all the topics covered in Calculus AB plus additional topics. Examples of additional topics covered include: Parametric, polar and vector functions; L'Hopital's Rule and its use in determining convergence of improper integrals; Polynomial approximations of series. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in AP Calculus AB and/or teacher approval.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Calculus C Honors**

This course covers vectors in plane and three dimensional space, dot and cross products, spherical and cylindrical coordinates of several variables, partial derivatives, gradients, Lagrange multipliers, multiple integrals and their applications, vector calculus with line and surface integrals, Green's , Stokes' and Divergence Theorems and applications. It will also include a review of Trigonometry, Calculus A & B topics and an introduction to Linear Algebra and Differential Equations. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: AP Calculus BC with a C or better.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Mathematical Studies SL**

The IB Diploma Programme mathematical studies course, available in standard level only, is for students with varied backgrounds and abilities. The course is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Students taking this course, however, should be already equipped with fundamental skills and a rudimentary knowledge of basic processes. In addition, the course will enable students to: develop logical, critical and creative thinking; develop an understanding of the principles and nature of the subject; employ and refine their powers of abstraction and generalization; develop patience and persistence in problem solving; appreciate the consequences arising from technological developments; transfer skills to alternative situations and to future developments; communicate clearly and confidently in a variety of contexts; enjoy the courses and develop an appreciation of the elegance, power and usefulness of the subjects; appreciate the multiplicity of cultural and historical perspectives of mathematics, including the international dimension of mathematics. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Algebra II or equivalent.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Mathematics HL1**

This course is a standard level IB course and caters to students who already possess sound mathematical knowledge. This program is designed to prepare students for future studies in the hard sciences, social sciences and business. Topics include families of functions and their graphs, sequences and series, complex numbers, trigonometry, vectors, probability and statistics and calculus (both differential and integral). In addition, several extended mathematical investigations will be required. The aims of this course are to enable students to: Develop mathematical knowledge, concepts and principles; Develop logical, critical and creative thinking; Employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of either Math SL, Algebra II/Trigonometry or Math Analysis.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Math****UC A-G Approved: C, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Mathematics HL2**

This course is a standard level IB course and caters to students who already possess sound mathematical knowledge. This program is designed to prepare students for future studies in the hard sciences, social sciences and business. Topics include families of functions and their graphs, sequences and series, complex numbers, trigonometry, vectors, probability and statistics and calculus (both differential and integral). In addition, several extended mathematical investigations will be required. The aims of this course are to enable students to: Develop mathematical knowledge, concepts and principles; Develop logical, critical and creative thinking; Employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of either Math SL, Algebra II/Trigonometry or Math Analysis.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Math**UC A-G Approved: C,G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Business Math**

Business mathematics focuses on mathematical skills used in everyday life with the goal of developing intelligent consumers. The practical applications of mathematics are studied using real world situations. Personal finances are emphasized through the study of personal earnings, the elements of business, credit, and investments. Concepts such as compound interest and maximizing profit will connect to mathematical skills such as exponents and analyzing quadratics. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I.

School Sites Available:Apollo
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Math****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education**Practical Arts****Electives****Computer Applications**

Computer Applications is a first-year course that prepares students with the necessary computer skills required for more advanced computer classes (i.e. Advanced Computers, Web Design, Graphic Arts, Video Production, Desktop Publishing, Accounting, etc).. This course focuses on introducing students to computers and the basic functions of applications including: Microsoft Word, Excel, PowerPoint, Access and Publisher. Students will learn how to type business letters, format letters and reports, insert graphics, create spreadsheets including formula functions, creating flyers and brochures, advertisements, and presenting projects using PowerPoint Presentation to mention a few. Satisfies UC/CSU entry requirements

School Sites Available:Simi Valley
Apollo
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Life Skills Math**

This course allows students to learn skills that are practical and related to real life and offers a comprehensive coverage of basic math skills needed for everyday living. Student will increase their computational skills, calculator skills and problem-solving skills through exercises dealing with home improvement, calorie counting, mathematics and statistics in sports, travel, credit, simple and compound interest, types of insurance and energy use.

School Sites Available:

Apollo

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Math

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Math Review

School Sites Available:

Apollo

Course Length: Semester

Course Credit: 5

Grade Level(s): 9 - 12

Primary Graduation Requirement: Math

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Personal Finance

The primary aim of this course is to prepare students to manage income earned from working. To accomplish this, the student will be introduced to various types of credit and investments, costs involved in purchase and maintenance of a house or car, budgeting income and expenses and wise shopping.

School Sites Available:

Apollo

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 10 - 12

Primary Graduation Requirement: Math

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Record Keeping

This course is designed for the student interested in keeping simple personal and small business records, maintaining budgets, handling cash, opening checking and savings accounts, preparing payrolls; filing simple tax returns and preparation of simple records.

School Sites Available:

Monte Vista

Course Length: Semester

Course Credit: 5

Grade Level(s): 10 - 12

Primary Graduation Requirement: Math**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education**Practical Arts****Electives****Robotics and Engineering**

This course is designed to explore the principals of Engineering and how they apply in the field of Robotics. Students will use computers, simulation software, robotics kits and other materials to problem solve and engage in project based learning. The goal of Robotics and Engineering is to give students a clear pathway to Career and College in applied STEM fields.

SUGGESTED PREPARATION: Exploring Computer Science or Introduction to Computer Programming with a C or better. Algebra I with a C or better. Satisfies UC/CSU entry requirements.

School Sites Available:

Simi Valley

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Math****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****ROP Intro Business**

Introduction to Business Careers will allow students to explore leadership styles, personal finance and soft skills, while providing a background in business. Students will engage with peers, business professional, and their community to develop business documents and a marketing plan, practice basic accounting skills, customer service, and financial literacy. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

School Sites Available:

Apollo

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

HISTORY-SOCIAL SCIENCE

Primary Graduation Requirement: **World History**

UC A-G Approved: **A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

World History

In this course students apply knowledge gained in previous years of study to pursue a deeper understanding of world history. In addition, they draw on their studies of ancient history and middle ages. This course should be viewed as the culmination of the global history in reference to World History and U.S. History. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: **World History**

UC A-G Approved: **A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

AP World History

AP World History is designed to help students develop greater understanding of evolution of global processes and contacts and interactions between different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The chronological time frame is from 8000 BCE to the present. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: For 10th grade AP World History, recommendation from the previous English teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 10 - 12

Primary Graduation Requirement: **U.S. History**

UC A-G Approved: **A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

US History

This is a two-semester course in focusing on late 19th and 20th century United States History. It begins with a review period of American History from the nation's beginnings to the year 1877. Starting with the Progressive Era, the class deals next with WWI and its impact on the home front, the Roaring Twenties, the Great Depression, and the New Deal. In addition, the course provides for an analysis of American participation in WWII, and the economic boom in post WWII America, foreign policy after WWII, and the civil rights struggle. An analysis of major social problems and domestic issues of contemporary American Society concludes the course topics. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: U.S. History**UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP US History**

Advanced Placement US History is designed to give students a foundation in the subject matter of US History and in major interpretive questions that derive from the study of the following themes: Colonial History, Revolution, Constitution and New Republic, Jeffersonian Democracy, Jacksonian Democracy, Sectionalism and Territorial Expansion, Creating an American Culture, A Nation Torn by Conflict, Post Civil War, American Imperialism, World War I, Interbellum Period, World War II and Cold War, Modern and Contemporary America. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students must have a 'B' grade in the last Social Studies course taken and/or have a recommendation from the previous full year social studies teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: U.S. History****UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB History HL1**

History is more than the study of the past. It is the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. It is a discipline that gives people an understanding of themselves and others in relation to the world, both past and present. The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. The course fosters an understanding of major historical events in global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: successful completion of IB History of the Americas SL

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: American Govt**UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**American Government**

Students analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments. This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities. Satisfies the graduation requirement. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 12 - 12**Primary Graduation Requirement: American Govt****UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP American Government and Politics**

Advanced Placement Government is designed to give students a critical perspective on politics and government in the United States. It involves both the studies of general concepts used to interpret American politics and the analysis of specific case studies. It requires familiarity with the various institutions, groups, beliefs and ideas that make up the American political reality. Satisfies the graduation requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 12 - 12**Primary Graduation Requirement: Economics****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Economics**

Students will master fundamental economic concepts, applying the tools (graphs, statistics, and equations) from other subject areas to the understanding of operations and institutions of economic systems. Basic economic principles of micro- and macroeconomics, international economics, comparative economic systems, measurements and methods will be approached. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Santa Susana
Apollo
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Economics**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Macroeconomics**

AP Macroeconomics is divided into six units. The semester begins with a study of basic economic concepts. Students then study measurements of economic performance including national income and aggregate price levels. Macroeconomic problems of unemployment and inflation are introduced in the second unit and in units three and four the tools our federal government and central bank use to combat them are taught. To better understand unemployment, inflation, and their solutions the course teaches the aggregate demand and aggregate supply model. Unit five includes a study of economic growth, national debt, and the much-debated long-run perspectives on macroeconomic stabilization policies. The course concludes with a study of international economics and the world economy. A student may receive college credit upon passing the College Board evaluation. Students may elect to also take the Microeconomics test. Satisfies graduation requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 12 - 12

SCIENCE

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Earth Science**

Earth Science is an introductory laboratory science that will take an in-depth look at the natural world and its processes. Its curriculum will focus on matter, energy, origin and evolution of the Earth and its solar system, geology, meteorology, oceanography, and the cycles that circulate energy and material through the biosphere. The objective and purpose of this course is to have students master a broad curriculum that gives them a comprehensive understanding of the universe and the natural world. Inquiry-based labs and activities are the cornerstone way that curriculum is introduced and taught in this course. Additional assignments and in-class activities are also incorporated throughout the week, which reinforce the material taught. There are no prerequisites for this class as it is designed to be a freshman science class, an introductory pathway course, or an elective class for older students who are looking to take extra science classes. This laboratory course also fulfills one year of the 'd' requirement for University of California eligibility. Lastly, this course will also prepare students for the Next Generation Science Standards since there is an Earth Science component to them. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra 1 (recommended)

School Sites Available:Royal
Simi Valley
Santa Susana
Apollo
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Biology**

This is a rigorous college preparatory laboratory-based course covering all the California Science Standards for grades 9-12 Biology/Life Sciences. The study of biology begins with a review of chemistry and energetics, then covers the principles of cellular biology, followed by the study of genetics leading to a discussion of diversity of form and physiology. Ecology is also addressed. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Santa Susana
Apollo
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Biology Honors**

This course provides a bridge between CP & AP and is a more rigorous version of our College Preparatory course, laboratory-based course. It will cover all the Next Generation Science Standards for grades 9-12 Life Sciences. Through investigation and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting and predicting. Students will study the basic concepts and principles of biology from a human perspective. Students will develop an understanding of the diversity of life and the interdependence of all organisms. Students learn about the structure and function of human systems, human inheritance and change and the role of humans in ecological systems. Topics include structures and processes from molecules to organisms, ecosystem interactions, energy and dynamics, heredity (inheritance and variation of traits) biological evolution (unity and diversity) cell biology, human anatomy and physiology. Laboratory activities include dissection, investigation and experimentation. Students develop problem-solving skills as they design and conduct their own experiments and develop critical-thinking skills through research and discussion about issues related to the health industry. Students will complete biology labs relevant to the topics studied and complete lab reports. The labs are designed to promote technical lab competence, utilize the scientific process of research and reporting and teach and reinforce scientific concepts. This course will support Common Core State Standards for ELA/Literacy and Mathematics and Science and Engineering practices. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Algebra I or Teacher recommendation

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Biology**

This is an advanced laboratory course in Biology. Homework requirement: 5-10 hours per week. Laboratory work is emphasized. Student must be self-motivated and possess strong reading skills. Scientific calculator required. Programmable/graphing calculators not allowed on tests. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of CP Chemistry with a 'B' grade or better; grade of 'B' or better in prior CP Science class; or teacher recommendation. Students must meet three of the above four criteria.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Biology for Biotechnology**

This is a comprehensive laboratory based biology course designed for students who are interested in the applications of Biology and how it is being used to solve problems such as genetic and infectious diseases. Biotech Biology fulfills the University of California 'D' requirement for Life Science. This is the first science course in the Biotechnology Pathway and integrates Next Generation Science Standards for Life Science with Career Technical Education Standards for the Health Sciences – Biotechnology Sector and will introduce students to industry standards in the laboratory such as aseptic technique, DNA extraction and manipulation. The course has been planned in conjunction with 9th grade English and Math teachers to emphasize cross-curricular learning and support. Students will complete a high interest cross-curricular project each semester. Additionally, a unit of Ecology will investigate the impact of humans on the environment and integrate some Earth Science Standards. This is the foundation course of a pathway that prepares students for a variety of post-secondary options including community college biotechnology certificate programs, four-year biotechnology degree programs and industry workplace. Satisfies UC/CSU entry requirements.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 9**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Biology for Biotechnology Honors**

This one-year course for 9th and/or 10th graders provides a more rigorous version of our college preparatory course and serves to introduce the principles of biology through a biotechnological perspective. This class will cover all the Next Generation Science Standards for grades 9-12 Life Sciences integrated with Health Science and Biotechnology Industry Sector CTE Standards. This high school biology class focuses on the study of life ranging from the atoms that build up the macromolecules that serve as the foundation of life to how different ecosystems interact within a biosphere. Biotechnology aims to help improve our lives and the health of our planet by harnessing cellular and biomolecular processes. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Algebra I with a 'C' or better or concurrent enrollment of Algebra I is recommended. Acceptance into the Biotechnological / Medical Health Careers Academy (Recommended)

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 10

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Biotechnology and Molecular Biology**

This is a comprehensive laboratory based course that prepares students for a variety of post-secondary options including four-year biotechnology degree programs, community college biotechnology certificate programs and industry workplaces. The course introduces students to biotechnology laboratory skills, the role of molecular biology in the manufacturing of commercial pharmaceutical and agricultural products. Students will gain proficiency in standard laboratory operating procedure, aseptic techniques, spectrophotometry, solution preparation and electrophoresis. Students learn to maintain laboratory documentation and follow research safety standards. At the end of the course, students will be given the final exam for Biotechnology M01A from Moorpark College and submit their laboratory notebooks for evaluation. Students who pass the final exam and demonstrate solid laboratory documentation practices will earn 4 units of credit from Moorpark Community College which is transferable to the University of California and California State University Systems. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students must complete 1 year of Biology and 1 year of Chemistry with a grade of 'C' or better.

School Sites Available:
Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Forensics Biology**

This course will cover all the Next Generation Science Standards for grades 9--12 Life Sciences. Students will study the basic concepts and principles of biology from a human perspective. Students will develop an understanding of the diversity of life and the interdependence of all organisms. Students learn about the structure and function of human systems, human inheritance and change, and the role of humans in ecological systems. Topics include structures and processes from molecules to organisms, ecosystem interactions, energy and dynamics, heredity (inheritance and variation of traits) biological evolution (unity and diversity), cell biology, human anatomy and physiology. Laboratory activities include typical crime scene analysis techniques, investigation, and experimentation. Students develop problem solving skills as they design and conduct their own experiments and develop critical- thinking skills through research and discussion about issues related to the field of criminal justice. Students will complete biology labs relevant to the topics studied and complete lab reports. The labs are designed to promote technical lab competence, utilizing state of the art analytical scientific equipment commonly used by crime laboratories across the nation. Students will learn the process of research and reporting, evidence security and the legal requirements for inclusion as evidence submitted for evaluation during criminal or civil litigation. This course will support Common Core State Standards for ELA/Literacy and Mathematics and Science and Engineering Practices. Satisfies UC/CSU entry requirements.

School Sites Available:
Royal
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Human Anatomy and Physiology**

This course is designed to provide a broad-based, general study of the human body. The focus of the course is for people who have interests in science and healthcare professions and desire to learn more about the human body. The course may lead people to careers in the medical and health professions. Through the use of microscopes, models, mannequins, skeletons and skeletal parts, videotapes and a cat dissection, students will gain a thorough understanding of the structure and function of major systems of the human body. Lab work is stressed including dissections of fetal pigs and cats. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: PREREQUISITE(S): Grade of 'C' or better in both Biology and Chemistry and teacher approval.

School Sites Available:Royal
Simi Valley
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Human Anatomy and Physiology Honors**

This course is a detailed study of the structures and functions of the human body. Various materials, apparatus, and dissections of assorted specimens are used to provide laboratory experiences in this area. Local physicians will present lecture-demonstrations covering specific topics in both anatomy and physiology. This course is primarily designed for people with specific interest in entering the medical and health professions. Students will be required to complete an independent research project, a presentation of practical anatomy, and a Power Point presentation in physiology. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'B' or better in CP Biology and CP Chemistry or teacher approval.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Science Elective**Health
Electives****Science of Health and Wellness**

The Science of Human Health and Wellness is designed to equip students with a foundation of health knowledge that will aid in their journey toward mental, physical, and emotional wellness. The course provides a comprehensive health program that promotes wellness and health literacy, with an emphasis on developing lifelong and positive health-related attitudes and behaviors. It provides them with a biological, anatomical, and physiological overview of the human body, how to advocate for and comprehend their own health concerns, how to access public healthcare and insurance, and gain a global view of public health concerns. The ultimate goal is to empower students to make informed choices that promote the health and wellness of themselves and others by exploring health careers, prevention, treatment, health management, and mental and physical well-being as it pertains to the high school adolescent and the community around them. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Earth Science or Chemistry and Biology.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11-12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Science Elective**Electives****MHC Biology**

This is a rigorous college preparatory laboratory-based course covering all the Next Generation Science Standards for grades 9-12 Life Sciences. In this first-year biology course students study the basic concepts and principles of biology from a human perspective. Students learn about the structure and function of human systems in health and disease, human inheritance and change, and the role of humans in ecological systems. Topics include structures and processes from molecules to organisms, ecosystem interactions, energy and dynamics, heredity (inheritance and variation of traits) biological evolution (unity and diversity), cell biology, human anatomy and physiology. Laboratory activities include dissection, investigation, and experimentation. Students develop problem-solving skills as they design and conduct their own experiments and develop critical-thinking skills through research and discussion about issues related to the health industry. This course will support Common Core State Standards for ELA/Literacy and Mathematics and Science and Engineering Practices. Satisfies graduation requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Acceptance into the Medical Health Careers Academy and successful completion of Algebra I with a 'C' or better or teacher approval. (This is a required prerequisite to get a-g designation).

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****MHC Biology Honors**

This course provides a more rigorous version of our college preparatory course, laboratory-based course. It will cover all the Next Generation Science Standards for grades 9-12 Life Sciences integrated with Health Science and Medical Technology Industry Sector CTE standards. Through investigation and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting, and predicting. In this first-year biology course students study the basic concepts and principles of biology from a human perspective. Students will develop an understanding of the diversity of life and the interdependence of all organisms. Students learn about the structure and function of human systems in health and disease, human inheritance and change, and the role of humans in ecological systems. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I completion recommended; Algebra II completion of concurrent enrollment is strongly recommended. Completion of CP Biology or higher recommended. Enrollment in the Biotech/MHC Pathway is strongly recommended.

School Sites Available:
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****IB Biology SL**

The biology course is organized by topics, SL students study six topics and HL students study a further five, with some of these taking the first six topics to greater depth. In addition to this, both SL and HL students study two out of a choice of seven (at SL) or five (at HL) option topics. There are four basic biological concepts that run throughout: Structure and function; this relationship is probably one of the most important in a study of biology and operates at all levels of complexity. Students should appreciate that structures permit some functions while, at the same time, limiting others; Universality versus diversity; at the factual level, it soon becomes obvious to students that some molecules (for example, enzymes, amino acids, nucleic acids and ATP) are ubiquitous and so are processes and structures. However, these universal features exist in a biological world of enormous diversity. Species exist in a range of habitats and show adaptations that relate structure to function. At another level, students can grasp the idea of a living world in which universality means that a diverse range of organisms (including ourselves) are connected and interdependent; Equilibrium within systems; checks and balances exist both within living organisms and within ecosystems. The state of dynamic equilibrium is essential for the continuity of life; Evolution; the concept of evolution draws together the other themes. It can be regarded as change leading to diversity within constraints and this leads to adaptations of structure and function. These four concepts serve as themes that unify the various topics that make up the three sections of the course: the core, the additional higher level (AHL) material and the options. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: A grade of 'B' or better in CP science courses previously taken including CP Chemistry, or teacher recommendation.

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Chemistry**

This is a college preparatory laboratory-based science course covering all the California Science Standards for grades 9-12 Chemistry. The course fosters a deep appreciation of chemistry and requires high level problem solving skills. Students are taught strategies to solve both numeric (quantitative) and conceptual (qualitative) problems. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Algebra I or its equivalent with a 'B' or better 2nd semester or Geometry with a 'C' or better 2nd semester and General Biology with a 'B' or better 2nd semester and a teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Chemistry Honors**

This is an enriched and accelerated chemistry curriculum with more labs than the CP course which helps students prepare for the SAT. IT not only covering the Next Generation Science Standards for grades 9-12 Chemistry, but also including gravimetric and volumetric analysis, chemical reactions including reduction/oxidation, intermolecular forces, gases, spectroscopy, equilibrium, electrochemistry and organic and biochemistry. Strong emphasis is placed on solving a variety of challenging problems and there is emphasis on analysis in the laboratory. Some of the laboratory activities will include inquiry labs, which will ask students to address a challenge, solve a problem, test a hypothesis, explain a phenomenon or answer a question in the same manner that a scientist approaches a research question. The goal of an inquiry-based lab is for students of all backgrounds to learn chemistry by experiencing the process of science and the thrill of first-hand discovery students are taught strategies to solve both numeric (quantitative) and conceptual (qualitative) problems. These strategies can be used to solve simple or complex problems. Students are encouraged to make decisions regarding the best approach to solve a problem. This course will support Common Core State Standards for ELA/Literacy and Mathematics and Science and Engineering practices. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of CP Biology or Honors Biology, completion of any chemistry course or teacher recommendation. Concurrent enrollment in Algebra 2 is highly recommended.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Chemistry**

This is an advanced placement course designed to prepare the student for the AP Chemistry exam, and covers the equivalent of one full year of college level General Chemistry. It is a rigorous math-based course, with a strong laboratory component. It is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments outside of class, and who have successfully completed a prior course in chemistry during high school. The primary goal of the course is for students to understand the basic principles of modern chemistry-including stoichiometry, electrochemistry, equilibrium, kinetic, and thermodynamics-while also demonstrating the ability to use that understanding in the solution and meaningful communication of mathematically based laboratory and textbook problems. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: It is recommended that the AP Chemistry course be taken after the successful completion of a first course in high school chemistry. The math prerequisite is a 'C' or better in a second year algebra course, and/or teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Chemistry for Biotechnology**

This is a comprehensive college preparatory laboratory based Biology course designed for students who are in the Biotechnology Pathway. The science of chemistry is explored through the lens of chemical properties and interactions that affect human health and wellness. Throughout the course, recurring activities emphasize laboratory procedures and safety, inquiry-based lab protocols, methods for gathering and analyzing data, mathematical application. The specific skill sets required for work in biotechnology are emphasized, while careers in the field will be introduced within the chemistry content. In a cross-curricular unit with English, Math and Social Studies students will build a gas powered rocket, examine their rocket's launch angles and distances. Students examine the relationship of the molecular structure and properties of water to its role in the human body and as a solution for delivering medical interventions. Students will research DNA's role in health and wellness through DNA extraction from food sources, research ethical issues regarding genetically modified organisms and examine the health effects of nuclear radiation. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Biology

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 10

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Chemistry for Biotechnology Honors**

Honors Chemistry for biotechnology is an enriched and accelerated chemistry curriculum not only covering the Next Generation Physical Science Standards, but also including gravimetric and volumetric analysis, chemical reactions including reduction/oxidation, intermolecular forces, gases, spectroscopy, equilibrium, electrochemistry, and organic and biochemistry. Strong emphasis is placed on solving a variety of challenging problems and there is an emphasis on analysis in the laboratory. Some of the laboratory activities will include inquiry labs, which will ask students to address a challenge, solve a problem, test a hypothesis, explain a phenomenon, or answer a question in the same manner that a scientist approaches a research question. The goal of an inquiry-based lab is for students of all backgrounds to learn chemistry by experiencing the process of science and the thrill of first-hand discovery. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I completion recommended; Algebra II completion of concurrent enrollment is strongly recommended; Completion of CP Biology or Higher. Enrollment in the Biotechnology/Medical pathway is strongly recommended.

School Sites Available:
Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Forensics Chemistry**

Students study traditional Chemistry topics by engaging in investigations of how scientific evidence is used to solve crimes. Students take on the roles of public safety professionals to identify, collect, preserve, test, and analyze physical evidence. Each unit of this course asks how physical evidence can be used to solve a type of crime, and students explain and explore the scientific principles at work. Students learn not only how and why evidence can be used to solve crime, but also how the tools of analytical chemistry can be effectively used to separate complex mixtures of substances identified as evidence. Professional report writing is emphasized in this course, reflecting the high frequency and importance of writing reports in public safety careers. Throughout this course, students will collect and analyze evidence from simulated crime scenes. The course culminates with students collecting and processing many types of physical evidence from a mock crime scene. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Prior completion of Forensic Biology is highly recommended.

School Sites Available:
Royal
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****MHC Chemistry**

This course fosters a deep appreciation of chemistry and practices high level problem solving skills and hands on laboratory experiences. Some of the laboratory activities will include inquiry labs, which will ask students to address a challenge, solve a problem, test a hypothesis, explain a phenomenon, or answer a question in the same manner that a scientist approaches a research question. The goal of an inquiry-based lab is for students of all backgrounds to learn chemistry by experiencing the process of science and the thrill of first-hand discovery. Students are taught strategies to solve both numeric and conceptual problems. Satisfies graduation requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Acceptance into the Medical Health Careers Academy and successful completion of Algebra I with a 'C' or better or teacher approval. (This is a required prerequisite to get a-g designation).

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****MHC Chemistry Honors**

This laboratory-based course includes Next Generation Science Standards for grades 10 - 12 Physical Sciences integrated with Health Science and Medical Technology Industry sector CTE standards. This first year chemistry course covers the basic chemical principles and concepts while integrating Health and Medical topics via laboratory experiments, inquiry based lab protocols, case studies, and research of current relevant science articles. Gathering and analyzing data, mathematical application, research and communication of data will be emphasized. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I completion recommended; Algebra II completion of concurrent enrollment is strongly recommended. Completion of CP Biology or higher recommended. Enrollment in the Biotech/MHC Pathway is strongly recommended.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Biological Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****MHC Anatomy and Physiology**

This course is designed to provide a rigorous, broad based, general study of the human body. The focus of this course is for people who have interests in science or health care related professions and who desire to learn more about the human body. The course may lead people to careers in the medical and health professions. Through the use of microscopes, models, mannequins, skeletons and skeletal parts, videotapes and a cat dissection, students will gain a thorough understanding of the structure and function of major systems of the human body. Lab work is stressed including dissections of fetal pigs and/or cats. The course will include basic organization of the human body including cells, tissues and body systems. The students will begin to acquire detailed knowledge of the contribution of these tissues and to the function and anatomy of the human body. This knowledge will provide the basis for understanding how damages to and repair of the body can occur. Students will actively ask, find and determine answers related to human biology in health and disease. Students will carefully describe, explain and predict consequences based on knowledge of the human body in health and disease in case studies. Satisfies graduation requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Acceptance into the Medical Health Careers Academy and successful completion of MHC CP Biology with a 'C' or better or teacher approval.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Biological Science****UC A-G Approved: D,G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****MHC Anatomy and Physiology Honors**

This advanced course is designed to provide a rigorous, broad based, general study of the human body beyond the scope of the CP Anatomy & Physiology course. It also covers skills students will need as part of their capstone course for the Health Science & Medical Terminology CTE pathway and builds on skills and knowledge learned in MHC Honors Biology. The focus of this course is for people who have interests and intent to pursue a career in science or health care related professions and who desire to learn more about the human body. Students will gain knowledge and apply the concepts of human anatomy and physiology and will heavily emphasize the importance of medical terminology and skills based lessons required for the medical field. In addition to the learning of human body anatomy and systems, students will be instructed in medical ethics & legal questions, bioethics, infection control, lab techniques & procedures, lab safety, and appropriate understanding of the metric system and tools used in medication administration. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of MHC Honors Biology (or other comparable Biology Course) and Algebra I is highly recommended.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10-12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Physics**

Through investigations, demonstrations and labs, students observe natural phenomena, propose hypotheses and generate descriptions. Using technology for analysis, calculus and applications they experience the rich level of description, analysis and problem solving that physics provides. Satisfies UC/CSU entry requirements.

School Sites Available:Simi Valley
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Physics I**

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including both translational and rotational motions); work, energy and power; mechanical waves and sound; and simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A major component of this course will be hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Geometry and received a 'B' or higher. Must be concurrently enrolled in or have taken Algebra II or an equivalent course. Those who are concurrently enrolled in or have taken any AP Calculus courses are preferred.

School Sites Available:Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Physics II**

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid static and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A major component of this course will be hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. This curriculum has been approved by the College Board beginning from 2014-2015 academic years and must maintain a strict adherence to the curriculum outlined below to maintain its Audit status. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students should have had AP Physics I or a comparable introductory course and received a 'C' or better. Students should have taken or be concurrently taking pre-calculus or an equivalent course.

School Sites Available:Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Engineering in Physics**

In Engineering in Physics students apply principles of physics and engineering to an iterative cycle of product design. In this yearlong, college preparatory course, students will develop an understanding of fundamental physics concepts in kinematics, mechanics, mechanical and electromagnetic waves, and electricity/electromagnetism while exploring robotics, computer programming, computer aided design (CAD) and rapid product development. Working individually and in teams, students complete a series of design challenges to develop key skills in computer programming, 3D modeling software, engineering technology, and physics concepts. These projects promote critical thinking, communication, collaboration, creativity and provide a foundation for data collection, analysis, reflection, presentations and technical writing skills. By successfully completing the course, students will be prepared for success in college science and engineering as well as in high demand careers like automation and advanced manufacturing. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Geometry

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****IB Physics SL**

The IB Diploma Programme physics course exposes students to this most fundamental experimental science, which seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies. Students develop traditional practical skills and techniques and increase facility in the use of mathematics, the language of physics. They also develop interpersonal skills as well as information and communication technology skills, which are essential in modern scientific endeavors, and are important life-enhancing, transferable skills in their own right. Students, moreover, study the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. Throughout this challenging course, students become aware of how scientists work and communicate with each other. Further, students enjoy multiple opportunities for scientific study and creative inquiry within a global context. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'C' or better in CP science courses previously taken, completion of or concurrent enrollment in Algebra 2, or teacher recommendation.

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Physics C: Mechanics**

Students in AP Physics C-Mechanics develop their talents and appreciation for the scientific method. Through investigations, demonstrations and labs, they observe natural phenomena, propose hypotheses and generate descriptions. Ideas are tested and foundations are laid for fundamental laws, theories and formulas. These concepts and formulas are then used to solve problems and are applied for predictions that are tested and evaluated. Using graphing calculator technology for analysis, calculus and applications they experience the rich level of description, analysis and problem solving that physics provides. In addition, they experience the wonder of the science and nature and learn to appreciate the poetic descriptions of the Universe offered by many scientists including Galileo Galilei, Johannes Kepler and of course Isaac Newton. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Concurrent enrollment in AP Calculus, student must be qualified for and be enrolled in or have taken AP Calculus AB or BC.

School Sites Available:Royal
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Physics C: Electricity**

AP Physics C Electromagnetism is a calculus-based physics course that explores electrostatics, electric fields and potential; electrical circuits with resistors, capacitors and inductors; magnetic fields, Faraday's and Lenz's Law, inductance and Maxwell's equations. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A major component of this course will be hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply science practices. This course follows the guidelines outlined by the AP Board. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Students should have had AP Physics C Mechanics or a comparable introductory course and received a 'C' or higher grade. Students should have taken or concurrently be taking AP Calculus BC or an equivalent course.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Science**UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Environmental Science**

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course includes a laboratory and field investigation component. Satisfies UC/CSU requirement.

SUGGESTED PREPARATION: Recommended completion of biology and chemistry. A grade of C or better in 2nd semester of algebra, and teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: D, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****AP Environmental Science**

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course includes a laboratory and field investigation component. Satisfies UC/CSU requirement.

SUGGESTED PREPARATION: Recommended completion of biology and chemistry. A grade of C or better in 2nd semester of algebra, and teacher recommendation.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Physical Science****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Science Elective
Electives****Conceptual Physics**

This California-standards-based course will study the physics standards for grades 9 through 12 at Apollo High School. Being a conceptual physics course, the focus will be on the tested standards. Laboratory experiences will reinforce concepts taught in class and will expose students to the California Science Standards for investigation and experimentation.

School Sites Available:

Apollo

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Science Elective

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Physical Science
Practical Arts
Computer Education

Amateur Radio

Amateur Radio is a semester-long course receiving Science Elective credit. It introduces students to the technology, science, mathematics and operational skills of amateur radio. The course challenges students to understand the benefits of studying STEM oriented subjects whether or not they are science or math oriented. Through this course's practical real-world connections, students have an opportunity to see how science, mathematics, and engineering are part of their everyday world, and why it is important for every person to be technologically and scientifically literate. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Co-requisite or previous completion of Algebra I.

School Sites Available:
Monte Vista

Course Length: Semester

Course Credit: 5

Grade Level(s): 9-12

Primary Graduation Requirement: Science Elective

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Math
Electives

Experiments in STEM

Students will work on projects that are STEM related. They will be involved in multiple steps for each module (discovery, research, planning, building, revisions, and demonstrations). Each module will involve planning and building/creating a component in the Wood Design class, followed by complete analysis with mathematical and scientific formulas.

This will be a two-period class with one period in science/math and one period in Wood Design. Two teachers will be collaborating together to create this project-based learning class.

School Sites Available:
Apollo

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 10 - 12

Primary Graduation Requirement: Science Elective

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives**

ROP Ornamental Horticult

Applied Ag Business with an Ornamental Horticulture focus will provide students with the necessary entry-level techniques for a career in ornamental horticulture and the nursery industry. Topics include plant growth, plant physiology, plant reproduction, plant diseases and pests, and management practices. Other coursework includes units on plant identification, plant propagation, fertilizers, herbicide and pesticide use, irrigation and landscape design. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Agriculture & Natural Resources pathway course or instructor approval.

School Sites Available:

Apollo
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

FINE ARTS/WORLD LANGUAGE

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Art Appreciation

The student will have an understanding of: development of the various art forms throughout history; art movements; role and contributions of artists who influenced the art world; media and techniques used; financing art forms; effects of art on society and society on art; aesthetic and emotional appeals of art.

School Sites Available:

Monte Vista

Course Length: Semester

Course Credit: 5

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Basic Design

Basic Design introduces many art and design concepts and techniques. Students will be introduced to drawing skills such as perspective and shading. Color projects such as painting and collage are explored. This course highlights careers in the arts, artistic trends, and art from various cultures. Major Student Outcomes: Foster an understanding and appreciation for the elements and principles of visual design; Stimulate creativity and an inventive approach to design concepts and media through studio experiences; Develop skills in the application of design concepts; Increase knowledge of significant artistic styles and artists and their influence on society, both historically and in the twenty-first century. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Drawing and Painting I

This course introduces the discipline of drawing and painting to the student. It emphasizes necessary skills to provide students with a perceptual base leading to successful drawing and painting experiences. Each unit stresses the four art components: artistic perception, creative expression, historical and cultural context and aesthetic valuing. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Basic Design

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Drawing and Painting II**

This course provides a bridge between CP & AP and is a more rigorous version of our College Preparatory course, laboratory-based course. It will cover all the Next Generation Science Standards for grades 9-12 Life Sciences. Through investigation and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting and predicting. Students will study the basic concepts and principals of biology from a human perspective. Students will develop an understanding of the diversity of life and the interdependence of all organisms. Students learn about the structure and function of human systems, human inheritance and change and the role of humans in ecological systems. Topics include structures and processes from molecules to organisms, ecosystem interactions, energy and dynamics, heredity (inheritance and variation of traits) biological evolution (unity and diversity) cell biology, human anatomy and physiology. Laboratory activities include dissection, investigation and experimentation. Students develop problem-solving skills as they design and conduct their own experiments and develop critical-thinking skills through research and discussion about issues related to the health industry. Students will complete biology labs relevant to the topics studied and complete lab reports. The labs are designed to promote technical lab competence, utilize the scientific process of research and reporting and teach and reinforce scientific concepts. This course will support Common Core State Standards for ELA/Literacy and Mathematics and Science and Engineering practices. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Algebra I or Teacher recommendation

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Commercial Illustration**

This capstone Commercial Illustration CTE class enables students to analyze, respond, and produce original creative media utilizing both freehand and digital techniques to communicate individual ideas. Projects are based on real world projects, while utilizing the Elements of Art and the Principles of Design, historical and cultural context, and individual aesthetics. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Basic Design; Recommended: Drawing and Painting

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Studio Art: Drawing**

This course guides students to refine their drawing and painting skills, to fulfill specific drawing assignments, and to develop a body of artwork they find to be an interesting artistic pursuit. The course will be designed to meet the requirements to complete a portfolio established by the College Board. The student will create a three-part portfolio that shows an understanding and exploration of a broad range of drawing issues. Students work from observation and imagination to master multiple drawing issues. A student may receive college credit upon passing the College Board AP Exam evaluation. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Basic Design with a grade of 'B' or better, completion of Drawing & Painting with a grade of 'B' or better and/or Teacher Approval.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Studio Art: 2D**

The Advanced Placement program provides an opportunity for secondary students to pursue and receive credit for college-level course work. This course is designed to meet the requirements to complete a portfolio established by the College Board. The student will create a three-part portfolio that demonstrates a fundamental competence and range of understanding of two-dimensional visual methods, applications and concepts. Students create two-dimensional art in one or more of the following areas; traditional design studies, graphic arts, photography, computer imaging. A student may receive college credit upon passing the College Board AP Exam. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Basic Design with a grade of 'B' or better, completion of Drawing & Painting with a grade of 'B' or better and/or Teacher Approval.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Studio Art: 3D**

The Advanced Placement program provides an opportunity for secondary students to pursue and receive credit for college-level course work. This course is to meet the requirements to complete a portfolio established by the College Board. The student will submit a three-part portfolio that requires demonstration of fundamental competence and range of understanding of three-dimensional visual methods, applications and concepts. Students will demonstrate their understanding of the art elements and design principles as they relate to sculptural forms. Work may include figurative or nonfigurative sculpture, architectural models, ceramics, fiber arts, and found object assemblage. A student may receive college credit upon passing the College Board AP Exam. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Basic Design with a grade of 'B' or better, completion of Drawing & Painting with a grade of 'B' or better and/or Teacher Approval.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Ceramics I**

Ceramics offers the student exposure to the basic three-dimensional design concepts through the medium of clay. Students will experience various construction techniques to include hand-building processes to a more advanced level of proficiency as well as an introduction to the potter's wheel. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Ceramics II**

This course is for students who have successfully completed Ceramics and wish to continue in the area of ceramics on a more advanced level. Students begin to work more independently than in Ceramics. Students will learn how to throw three-dimensional forms on the potter's wheel. They will begin to combine wheel-thrown forms with hand-built forms, which the student learned in Ceramics. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Ceramics I or permission from current Ceramics instructor.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education
Practical Arts
Electives**Digital Photography I**

This course is intended to develop an understanding of the technical and aesthetic foundations in photography through the latest digital technology. Students will take their own digital photographs and then utilize various digital photographic techniques; imaging scanning, digital printing, and Adobe Photoshop. This course will be based on the Visual Art Content Standards for the State of California. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education
Practical Arts
Electives**Digital Photography II**

This course explores various forms of expression and techniques using the principles and elements of design through digital photographic media. Students will develop mastery in concept, composition, problem solving, execution and technique. They will create work that helps develop their own style and mode of expression. They will conduct research, keep journals and have class and individual critiques. High quality work is expected. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Digital Photography I or Photography I.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Photography**

An introduction to photography as a fine art. Good photographic composition, lighting and creativity will be stressed. The course will cover developing and darkroom techniques. Photography will be seen as an important visual means of communication in our society. It is recommended that you have a 35 mm camera. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Concert Band**

This course will develop a firm understanding by each student of his/her particular instrument. Concert Band also provides an opportunity for students with a background of music training to further enhance their musical ability and understanding. Enrollment is open to those students with an intermediate/advanced level of skill and ability with teacher consent. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Intermediate Band**

The purpose of this course is to re-establish primary rudimentary skills and to further develop the student's musical abilities in standard band instruments and in wind and percussion playing. The class will demonstrate their musical understanding through tests, concerts and music festivals throughout the school year. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Concert Choir**

Concert Choir is designed to give the talented student a chance to explore the more advanced literature written for mixed choirs. Content will include the study of musicianship, music history and literature, pronunciation of various languages and proper rehearsal/performance techniques. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Jazz Choir

Jazz Choir is designed to give students an opportunity to discover and explore jazz singing. Content of the course will include specialized study of jazz vocal technique, improvisation, musicianship and proper rehearsal and performance techniques. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Audition and approval of instructor. Rehearsal and performance contract signed by student and parents. Nothing below a grade of C or S in citizenship.

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Jazz Ensemble

The Jazz Ensemble is made up of selected students from the Instrumental Music Program. Members of the Jazz Ensemble perform at school functions, including concerts, assemblies and pep rallies, as well as community functions and at solo and ensemble festivals throughout the Southern California area. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Show Choir

This performing ensemble combines the singing of advanced harmonies and rigorous dance movements to produce full-scale theme-park style shows. Performers must be available to rehearse and perform frequently beyond normal school hours. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Audition and approval of instructor. Rehearsal and performance contract signed by student and parents. Nothing below a grade of C or S in citizenship.

School Sites Available:

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Women's Choir Advanced

Advanced Women's choir is designed to give advanced singers an opportunity to discover and explore high level choral music. Content of the course will include specialized study of women's vocal literature, musicianship and proper rehearsal and performance techniques. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Audition

School Sites Available:

Royal
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Chamber Chorale

This performance group course offering is designed to give the more advanced singers in the Choral Music Program a chance to explore the finer points of Choral Music performance and literature. Musicianship, music history and rehearsal/performance techniques will be covered. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Audition

School Sites Available:

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Vocal Ensemble

Vocal Ensemble is designed to give the most advanced choral students an opportunity to perform in specialized choral literature. Content of the course will include the study of musicianship, music history and literature, concentrating on the Renaissance through Contemporary periods, extensive work on foreign language pronunciation and proper rehearsal/performance techniques. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Audition

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Ballet I**

This course will introduce the student to the fundamentals of classical ballet technique. Barre and center work will provide the foundation for proper ballet technique, increased flexibility, strength, coordination, and control. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Ballet II**

This course is an expansion of Ballet I designed to further the student's understanding of ballet technique, focusing on perfecting placement, alignment, refining line, cleaning beginning technique and will introduce more intermediate and advanced ballet techniques. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed. Combinations will combine the development of balance, alignment, flexibility and control with some room for personal expression/creativity. Second semester will concentrate on developing the tools of effective composition and choreography through multiple in-class movement studies and exercises, including Action/Reaction. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Ballet I with a grade of 'B' or better and/or teacher approval through audition.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 11

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Dance - Pointe

This course will introduce the student to beginning and intermediate classical ballet Pointe technique. This class is an expansion of Ballet II designed to further the student's understanding of ballet technique, focusing on gaining an understanding of proper Pointe placement, perfecting body placement, alignment, refining line, cleaning technique and will introduce more intermediate and advanced ballet technique, steps, concepts and vocabulary, both at barre and in center. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Ballet II with the grade of 'B' or above and/or teacher approval through audition.

School Sites Available:

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Dance - Jazz I

This course is an introduction to the fundamentals of jazz and develops basic skills in modern jazz technique. Emphasis is placed on the basic compositional elements of jazz and principles of choreography. Exercises help to increase flexibility, strengthen muscles and develop motor coordination and control. Style, form, rhythm and movement are explored and developed which leads to an understanding and appreciation of jazz as a visual art form. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: 1A: Teacher approval through audition, interview and assessment. 1B: Successful completion of 1A with grade C or better and/or teacher approval through audition and assessment.

School Sites Available:

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Jazz II**

This course expands on jazz dancing technique, introducing aerodynamic jumps and turns and more complex choreography. It emphasizes necessary skills to further the development of motor coordination, jazz techniques, intermediate to advanced levels of choreography and more advanced rhythm structures. It promotes freedom of creative expression and further expands historical awareness. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Jazz I with a grade of 'B' or better and/or teacher approval through interview and audition.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Modern Dance and Composition**

This course is an introduction to the fundamentals of modern dance (first semester), and will explore the basic principles of dance composition and choreography (second semester). Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of one previous dance class at SSHS or teacher approval.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Swing**

This course is an introduction to the fundamentals of swing dance. It focuses on basic swing technique and terminology centered around the elements of dance including line, form, shape and the principles of choreography including time, force, space, characterization, and dynamics of movement. Exercises improve flexibility, strengthen muscles and develop motor coordination while focusing on stylization of movement. Emphasis is placed on developing character, utilizing technique and skills. The use of partnering allows for dynamic lifts and tricks to be performed while emphasizing the importance of trust and coordination in a cooperative learning setting. This class promotes swing as a form of creative expression combining basic technical partnering skills with aerodynamic movement, cultural dance involving partnering, and health and safety for the beginning dancer.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Tap I**

This course develops basic skills in tap technique. Emphasis is placed on the basic compositional elements of tap and principles of choreography. Knowledge gained from exploring rhythm, rhythmic structures, style and technique leads to an understanding and appreciation of tap as an art form. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval through audition, interview and assessment.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Dance - Tap II**

This course expands on tap dancing techniques introducing irregular and syncopated rhythms. It emphasizes necessary skills to further the development of motor coordination, tap techniques, intermediate to advanced levels of choreography and more advanced rhythm structures. It promotes freedom of creative expression and further expands historical awareness. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: IIA: Successful completion of Tap Dance I with grade C or better and/or teacher approval through audition and assessment. IIB: Successful completion of Tap Dance IIA with grade 'B' or better and/or teacher approval through audition and assessment.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Wind Ensemble**

The Wind Ensemble is made up of selected students from the Instrumental Music Program. An advanced understanding of musical concepts is required. This organization performs at school functions, including concerts and community functions, band and orchestra festivals. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Royal

Simi Valley

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Wind Ensemble II Honors

School Sites Available:

Simi Valley

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Wind Symphony

Students will develop a firm understanding of their particular instrument. The course also provides an opportunity for students with a background in music training to further enhance their musical abilities. Enrollment is open to those students with an intermediate/advanced level of skill and ability. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Royal

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

IB Music Performance SL

Students will study musical perception, which the IBO requires them to: actively listen to a wide range of music from different parts of the world, musical cultures/time periods; develop their aural perception and understanding of music by learning about musical form, structure, notations, musical terminology & context. Students will also be expected to be an active, participating member of a musical group that performs on a regular basis in public during the course. They will have to perform for at least 20 minutes with this group at least twice publicly. They will be assessed by this performance and need to commit to a sustained practice and rehearsal. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Wind Symphony or Wind Ensemble and received an 'A' in the course.

School Sites Available:

Royal

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Concert Orchestra

The primary purpose of this course is to develop a firm understanding by each student of his/her particular instrument. The Concert Orchestra also provides opportunity for students with a background of music training to further enhance their musical ability and understanding. Enrollment is open to those students with an intermediate/advanced level of skill and ability with teacher consent. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Production Orchestra

The Production Orchestra is made up of selected students in the instrumental music program. This organization's primary responsibility is to serve the pit orchestra by providing the instrumentation for the musicals each year within the Performing Arts Department at SSSHS. The group also performs orchestral music at the instrumental music concerts. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval/Audition

School Sites Available:

Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Music Appreciation

This is an entry-level course for students who want to learn more about music and learn to play the piano. Students will learn to read and play music. Students will play the piano, recorder and hand bells. Students will be exposed to various styles/periods of music genres i.e.; folk, jazz, gospel, rhythm & blues, pop, classical, etc. Satisfies UC/CSU entry requirements.

School Sites Available:

Simi Valley
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Guitar**

A beginning through advanced course in guitar. Students will develop skills in reading, writing, and performing guitar music which opens an avenue of personal expression that provides the performer deeper understanding of the self and a way to evoke images, feelings, and emotions that communicate not only sound but sense (meaning) to others. Satisfies UC/CSU entry requirements.

School Sites Available:Simi Valley
Apollo**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****Piano**

This class is for any student who wishes to learn to play the piano: beginning to advanced level. Students will be taught piano fundamentals as well as music theory skills. Students will be tested weekly on playing skills and music theory assignments. Students will perform at two recitals, one at the end of each semester. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Musical Theatre Production**

The course goal of Musical Theatre Production is to advance the knowledge and training of performing arts students within the three art disciplines: theatre, music, and dance. It is designed for selected students who have demonstrated an above average interest and ability within the performing arts disciplines. Students will participate in a multitude of research, production and performance projects. It is designed to be two (2) hours per day, in order that students have ample opportunity to devote the appropriate time needed for class projects and benefit fully from their endeavors. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Theatre Essentials, Beginning Choir or equivalent, Jazz I or equivalent with a grade no lower than a C and audition.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Theatre Essentials**

The primary goal of this course is the development of each student's imagination, problem solving and communicative potential. Students will originate and perform monologues and scenes as well as produce and respond to theatrical productions. Students will also develop a knowledge of and appreciation for drama/theatre heritage. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Theatre Arts I**

This goal of this course is the development of each student's imagination, problem-solving and communicative potential. Students will originate and perform monologues and scenes, as well as, produce and respond to theatrical productions. Students will also develop a knowledge of and appreciation for drama/theater heritage. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Theatre Arts II**

This course is designed to advance the knowledge and training of students who have successfully completed Theater Arts I or its equivalent. Students will be expected to be active in all phases of production. Critical analysis of the theater will be refined and expanded as will the study of theater's historical and cultural backgrounds. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'B' or better in Theater Arts I or teacher approval.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Childrens Theatre**

This course is designed for the advanced theater student. Students will be given the opportunity to perform a children's play at elementary schools, as well as the opportunity to (individually or with a group) write an original children's play. This includes producing directing, acting and backstage technical experience. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Theater Essentials or equivalent and audition.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Play Production**

This course is designed to advance the knowledge and training of advanced theater students with the use of acting skills, techniques and research projects as well as formal stage performances. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Theater Essentials or equivalent and audition.

School Sites Available:

Simi Valley

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Movie Production**

Students will write, direct, edit and apply the Hollywood film production process to making 4 original short movies shot on mini DV tape and edited with Final Cut Pro. The course is designed to give hands-on experience in all aspects of film production and design. Assignments are designed to assist students in identifying and achieving their goals and to help them effectively transition from classroom to institutions of higher education or to careers in entertainment industry. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Broadcasting

This high level course is designed to give students a hands-on experience with producing a school news magazine show for broadcast on a regular basis. Students from different disciplines are brought together to produce a school oriented show to be broadcast on public access cable television. Students are responsible for the visual and technical aspects of the production including: storyboarding, shooting of footage, quality control, graphics and music creation, editing compilation of articles into a 30 minute show and authoring to DVD. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Film Studies I

Students will understand the elements of film style, analyze narrative films as works of art, recognize a variety of forms of cinematic expression including genre and non-narrative films, understand the historical development of cinema, in the last 100 years of American film, with emphasis on the development of technical and narrative elements, the emergence of the great directors, and the evolution of the major genres, retain and properly use a cinematic vocabulary necessary to the formal study of film. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: CP English 10 or, AP English 10 or, Honors English 10

School Sites Available:

Simi Valley

Course Length: Semester

Course Credit: 5

Grade Level(s): 10 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Film Studies II

Students will understand the elements of film style, analyze narrative films as works of art, recognize a variety of forms of cinematic expression including genre and non-narrative films, understand the historical development of cinema, in the last 100 years of American film, with emphasis on the development of technical and narrative elements, the emergence of the great directors, and the evolution of the major genres, retain and properly use a cinematic vocabulary necessary to the formal study of film. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: CP English 10 or, AP English 10 or, Honors English 10

School Sites Available:

Simi Valley

Course Length: Semester

Course Credit: 5

Grade Level(s): 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Computer Education
Electives****IB Film SL**

Students will explore film history, theory and socio-economic background. The course develops student's critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. Through the study and analysis of film texts and exercises in film-making, students will be encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Interest in Film and Film Technology

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Computer Education
Electives****Video Production I**

This course is designed to introduce beginning students to the artistic, creative and historical background of the film and television industry. They are taught basic camera, lighting and sound techniques that will allow them to produce a variety of projects to practice and demonstrate production skills. Writing, verbal and visual skills are integrated in lessons so that the students will learn all aspects needed for high-level video productions. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Simi Valley

Santa Susana

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Computer Education
Electives****Video Production II**

This course is designed to give the advanced student an in-depth study of the artistic, creative and historical background of the film and television industry. They study the work of outstanding pioneers to present directors, cinematographers and sound and light technicians. They are taught camera, lighting and sound techniques that will allow them to produce a short film, documentary, commercial, Claymation or animation short and professional level newscast. Students will be introduced to career opportunities in this field and how they interact with other art forms. Writing, verbal and visual skills are integrated in lessons, so that the student will learn all aspects needed for high-level video productions. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Video Production I

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Visual Arts SL**

The Diploma Programme visual arts course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****Floriculture**

This course focuses on the historical trends of floral design and the current design features of floral products. Major units of study will cover historical connections of usage of foliage, floral preservation, and current day trends. Students also learn agribusiness concepts in merchandising, advertising, sales, and operating a retail floral business. Improving computer and workplace skills will be a focus. This course is designed to provide the student with theories and principles related to fine arts. Students will apply their knowledge in a series of design elements and laboratory experiments understand the impact of the world economy on the floral industry. This course is intended to both successfully prepare students who plan on majoring in agricultural sciences at a four-year college and/or university or enter into an agricultural trade after high school. Satisfies UC/CSU entry requirements.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**American Sign Language 1**

In ASL I, the goal is basic, everyday communication in American Sign Language and deaf cultural awareness. Students will develop beginning competencies in the grammatical features of ASL as well as the expressive and receptive communication skills needed to handle basic, everyday exchanges of information. This will include a shift from speaking and hearing a language to signing and watching. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: E, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

American Sign Language 2

In ASL II, students will build upon their prior skills from level one in communicating in American Sign Language and expand their knowledge of the deaf culture. Course includes sign vocabulary, finger spelling and numbers. Students will also participate in expressive and receptive signing activities and learn about the history of American Sign Language. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of ASL I with a grade of C or better.

School Sites Available:

Royal
Simi Valley

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: E, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

French 1

In all Level I classes, the goal is basic, everyday communication and cultural awareness. Students will develop a solid foundation of vocabulary and language structure in listening, speaking, reading and writing. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language

UC A-G Approved: E, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

French 2

All second-year language classes begin with a review and exposure of first-year material. Throughout the second year students will develop and expand their foundation of vocabulary language structures and cultural awareness. Through listening and reading activities, students will acquire a greater understanding of the language. Additionally, through speaking and writing activities students will be able to communicate more naturally in the target language. Students expand upon the course content from Level I. Completion with a C or better of a Level II Foreign Language course meets the entrance requirements for the CSU system and is the minimum expectation for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Level I course.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**French 3**

Level III is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, the course is designed to extend the learning of the first two years, and to prepare the student for either Language III Honors or Advanced Placement. Completion with a C or better of a Level III Foreign Language course meets the recommended preparation in language for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level I and Level II. Level II must be completed with a C and the recommendation of the prior year's teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**French 3 Honors**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds is lessened in favor of increased attention to speaking and writing the language. This honor student must show evidence of study habits mastered in order to be able to successfully handle an enriched academic area of study. This course is designed to extend the learning of the first two years and to prepare the student for an AP language. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Levels I and II. Level II must be completed with a 'B' AND the recommendation of the prior year's teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**French 4**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. This course is designed to extend the learning of the first three years. Successful completion of a Level IV Foreign Language course meets the requirements for entrance to an Advanced Placement course. It may also meet the language requirement for graduation at some colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level III or Level III Honors with a C and recommendation of the prior year's teacher.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP French Language and Culture**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. The course is designed to extend the learning of the first three years and prepare the student for the AP exam. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level III with an 'A', or Level III Honors with a 'B', and must have an overall grade point average of 3.0 or better, or teacher recommendation based upon prior academic performance and/or demonstration of skill proficiency such as, but not limited to, an AP readiness test. Students who sign up for AP classes after the registration period will be accommodated on a space available basis.

School Sites Available:

Royal

Simi Valley

Santa Susana

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB French SL1**

Language B (French) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two more themes from five options provided. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of at least French II with an 'A' or a 'B' and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB French SL2**

Language B (French) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two more themes from five options provided. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of at least French II with an 'A' or a 'B' and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**German 1**

In all Level I classes, the goal is basic, everyday communication and cultural awareness. Students will develop a solid foundation of vocabulary and language structure in listening, speaking, reading and writing. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**German 2**

All second-year language classes begin with a review and exposure of first-year material. Throughout the second year students will develop and expand their foundation of vocabulary language structures and cultural awareness. Through listening and reading activities, students will acquire a greater understanding of the language. Additionally, through speaking and writing activities students will be able to communicate more naturally in the target language. Students expand upon the course content from Level I. Completion with a C or better of a Level II Foreign Language course meets the entrance requirements for the CSU system and is the minimum expectation for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Level I course.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**German 3**

Level III is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, the course is designed to extend the learning of the first two years, and to prepare the student for either Language III Honors or Advanced Placement. Completion with a C or better of a Level III Foreign Language course meets the recommended preparation in language for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level I and Level II. Level II must be completed with a C and the recommendation of the prior year's teacher.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**German 3 Honors**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds is lessened in favor of increased attention to speaking and writing the language. This honor student must show evidence of study habits mastered in order to be able to successfully handle an enriched academic area of study. This course is designed to extend the learning of the first two years and to prepare the student for an AP language. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Levels I and II. Level II must be completed with a 'B' AND the recommendation of the prior year's teacher.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Mandarin 1**

This is a beginning level, integrated course which focuses on daily conversational and written Chinese language development, meeting the World Language Content Standards - Content, Communication, Cultures, Structures, and Settings. It is designed to develop language skills in listening, speaking, reading, and writing, while building vocabulary and cultural knowledge. Topics revolve around student need and interest: greetings, family, dates, times, hobbies, visiting friends, and making appointments. Students build good pronunciation and listening skills by reading authentic texts and learning the Pinyin Romanization system of pronunciation. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Mandarin 2**

Mandarin II is the continuation of language skills acquired in Mandarin I and is designed to increase the ability to read, write, speak and listen in Mandarin. This class will be taught in the Mandarin and students will be encouraged to speak Mandarin Chinese in every class with the aim of refining their tone and pronunciation and expanding their vocabulary. This is an intermediate level class and will cover topics such as studying Chinese, school life, shopping, transportation, weather, dining. In addition to language skills, students will also be introduced to Chinese history, art and culture. For example, New Year customs and scrolls, Spring Festival couplets, calligraphy, and dragon dance. Evaluation will be based on homework/classwork, quizzes, projects, presentation and class discussion/participation. Textbooks and the workbooks use the simplified system. By the end of the year, Students will be able to read simple passages in simplified characters; be able to translate every day topics from Mandarin to English and vice versa; listen to short conversations in a variety of popularly encountered scenes (restaurant, airport, doctor's office) and understand the topics and expected scripts; be able to produce language to navigate these same scenarios. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Mandarin I or teacher recommendation

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Mandarin 3**

Mandarin III adopts the Integrated Chinese level 1 and part 2 as the textbook. However, this course will go beyond the textbook that includes authentic materials related to the students experiences and real life. All the materials will address all four domains of the language: speaking, listening, reading, and writing. In addition students will make projects and give presentations in Chinese, so they will use the target language in problem solving. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Student should complete Mandarin II before enrolling this class.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9-12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 1**

In all Level I classes, the goal is basic, everyday communication and cultural awareness. Students will develop a solid foundation of vocabulary and language structure in listening, speaking, reading and writing. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Simi Valley

Santa Susana

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 2**

All second-year language classes begin with a review and exposure of first-year material. Throughout the second year students will develop and expand their foundation of vocabulary language structures and cultural awareness. Through listening and reading activities, students will acquire a greater understanding of the language. Additionally, through speaking and writing activities students will be able to communicate more naturally in the target language. Students expand upon the course content from Level I. Completion with a C or better of a Level II Foreign Language course meets the entrance requirements for the CSU system and is the minimum expectation for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Level I course.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 2 for Native Speakers**

This is a college preparatory literature-based second year course for Spanish-speaking students. Emphasis is placed on the formal development of the four basic language skills of speaking, listening, reading, and writing. It includes study and skill development in literature, language usage, vocabulary, writing, and reading skills, with a particular focus on written expression. Reading and Writing Minimum Proficiencies will be supported. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Student should be a Spanish speaker; be able to speak and understand the spoken language.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 3**

Level III is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, the course is designed to extend the learning of the first two years, and to prepare the student for either Language III Honors or Advanced Placement. Completion with a C or better of a Level III Foreign Language course meets the recommended preparation in language for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level I and Level II. Level II must be completed with a C and the recommendation of the prior year's teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 3 for Native Speakers**

This is a college preparatory literature-based third year course for Spanish-speaking students. This third course continues to emphasize the formal development of the four language skills of speaking, listening, reading, and writing. It includes study and skill development in literature, language usage, vocabulary, writing, and reading skills, with a particular focus on written expression. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Spanish 2 for Native Speakers or Proficiency in the Spanish Language specifically Reading and Writing.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9-12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 3 Honors**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds is lessened in favor of increased attention to speaking and writing the language. This honor student must show evidence of study habits mastered in order to be able to successfully handle an enriched academic area of study. This course is designed to extend the learning of the first two years and to prepare the student for an AP language. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Levels I and II. Level II must be completed with a 'B' AND the recommendation of the prior year's teacher.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Spanish 4**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. This course is designed to extend the learning of the first three years. Successful completion of a Level IV Foreign Language course meets the requirements for entrance to an Advanced Placement course. It may also meet the language requirement for graduation at some colleges and universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level III or Level III Honors with a C and recommendation of the prior year's teacher.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Spanish Language and Culture**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. The course is designed to extend the learning of the first three years and prepare the student for the AP exam. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level III with an 'A', or Level III Honors with a 'B', and must have an overall grade point average of 3.0 or better, or teacher recommendation based upon prior academic performance and/or demonstration of skill proficiency such as, but not limited to, an AP readiness test. Students who sign up for AP classes after the registration period will be accommodated on a space available basis.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Spanish Literature**

The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. This course is an in-depth study of Spanish literature, and is the equivalent of a college third year course. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Level IV or AP Language with a grade of B, AND the recommendation of the prior year's teacher and a writing assignment if needed. The course is designed to extend the learning of the first four years and prepare the highly fluent student for the Advanced Placement examination in Spanish literature.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Spanish SL1**

Language B (Spanish) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two or more themes from five options provided. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: successful completion of at least Spanish II with an 'A' or a 'B' and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: E, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**IB Spanish SL2**

Language B (Spanish) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two or more themes from five options provided. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: successful completion of at least Spanish II with an 'A' or a 'B' and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****ROP Choreography**

Choreography is an advanced class for students with background training in dance. In this class students will learn advanced choreography techniques. Students will be expected to advance their improvisational work via choreography projects, as well as address all the elements of the rehearsal process. Students will also learn to identify and perform historical and cultural dance, and will apply their dance techniques and understandings of the content standards that they have mastered by dancing in a performance setting. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Introductory Dance Course, or instructor approval.

School Sites Available:

Simi Valley

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives****ROP Choreography Honors**

Honors Choreography is an advanced class for students with training in choreography. In this class students will learn advanced choreography techniques. Students will be expected to advance their improvisational work via choreography projects, as well as address all the elements of the rehearsal process. Students will mentor new choreography students using their understandings of the content standards that they have mastered by dancing in a performance setting. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Choreography or instructor approval.

School Sites Available:Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Computer Education
Practical Arts
Electives****ROP Digital Broadcasting**

This course is designed to give students hands-on experience with producing school news broadcasts on a regular basis. Broadcasting students are responsible for the visual and technical aspects of the production, including: storyboarding, video shooting, quality control, graphics and music creation. Students are responsible for interviewing, researching, article writing, on-camera reporting, and voice-over work. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Computer Education
Practical Arts
Electives****ROP Digital Media Honors**

Honors Digital Media will prepare students to participate in the pre-production, production, and post-production processes of digital media. The course focuses on exploration of emerging platforms for distribution and expression of digital media technologies. Students will acquire skills to create original work, complete in-school projects, and collaborate with peer experts and industry partners at the professional level. They will research, develop, and produce project plans to promote original media productions, and an online presence that will be marketed and distributed to the school, community, and festivals. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Arts, Media & Entertainment pathway course or instructor approval.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Fine Arts/Language**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education
Practical Arts
Electives**ROP Digital Video Prod Honors**

Honors Digital Video Production will allow students to participate in the pre-production, production, and post-production processes of digital media. Students will acquire skills to create original work, complete in-school projects, and collaborate with peer experts and industry partners at the professional level. They will research, develop, and produce project plans to promote original media productions. Online production that will be marketed and distributed to the school, community, and festivals. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Digital Video Production or a Theatre Arts course or instructor approval.

School Sites Available:Royal
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Electives**ROP Sound Music Production**

Sound and Music Production students study every audio element in studio, live, broadcast and field recording. They will learn the basics of audio, physics of sound, recording, and mixing through hands-on experiences with state-of-the art equipment. Students will build sound engineering knowledge for a solid foundation in their audio career. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Basic Computer Skills

School Sites Available:Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Fine Arts/Language****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Electives**ROP Stagecraft**

Stagecraft introduces students to the fundamental elements and principals of technical theater through hands-on learning. This course includes an overview of professional theater and associated labor unions. Students will learn the functions of the creative team, production staff, technicians, and stage crew. Basic elements of scene construction, design concepts, theatrical lighting, sound technologies, and stage management will be introduced and assessed through practical application. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

PRACTICAL ARTS

Primary Graduation Requirement: Practical Arts

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Applied Legal Studies**

Applied Legal Studies is a course in criminal law that allows students to learn about the judicial system through courtroom simulations including mock trials, case studies, and real life experiences including guest speakers and courthouse visitation. During this course, students develop their written and oral advocacy skills, while they prepare a trial court motion and present a mock oral argument in a trial court format. Students will also argue constitutional issues based on case law during pre-trial arguments before a judge, usually the teacher or a real judge from Los Angeles or Ventura counties.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts**

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Athletic Injury**

This course introduces the student to the organization and administration of high school sports training programs. As a student trainer, students enrolled in the program will learn how to prevent and care for common athletic injuries. Adult CPR certification will be issued upon successful completion of the course 1st semester. Field trips to various sports medicine facilities will also be offered.

School Sites Available:

Simi Valley

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts**

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Athletic Management**

This semester course is open to those students who have been interviewed and recommended by the athletic director. This course offers students an opportunity to gain on-the-job experience work as an athletic assistant. Athletic management assistants will provide service to the Athletic Director, students and the ASB office while learning how the Athletics office functions.

SUGGESTED PREPARATION: Athletic Director Approval

School Sites Available:

Simi Valley

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts**

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Fine Arts/Language
Electives**

Cabinet Construction

This is an advanced course in which students are encouraged to concentrate on an area of cabinet construction or furniture construction. Emphasis is placed on the project-problem approach in acquiring skill through the use of tools and machines with the application of mathematics and science. Modern industrial techniques and materials are introduced. Students are encouraged to develop their own designs and to experiment with the tools, materials, and processes used in the industry. This is a two period class. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Student must receive a grade of C or higher in high school Wood Design or have the instructor's approval for entrance to this class.

School Sites Available:

Royal
Simi Valley

Course Length: Semester

Course Credit: 5

Grade Level(s): 10 - 12

Primary Graduation Requirement: Practical Arts

UC A-G Approved: N/A

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

Child Development

A semester course to prepare students with the experience and skills needed to understand young children and to provide proper care. Principles of child growth and development, self-esteem, positive learning experiences, creative play and health and safety are emphasized. Child related careers will be examined. Hands-on activities will include: working with children, art, science, language and preparing foods appropriate for children.

School Sites Available:

Royal
Simi Valley
Monte Vista

Course Length: Semester

Course Credit: 5

Grade Level(s): 9 - 12

Primary Graduation Requirement: Practical Arts

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

College and Career Seminar

College and Career Seminar is a required class for all incoming 9th graders and all 10th-12th graders new to SVUSD schools. This one-semester course is designed to help students learn and practice valuable skills to help them to be career and college ready. Students will identify interests, skills, values and personality types, research employers and industries, gain experience with job search tools and learn goal setting. Every student who successfully completes this class will leave with a detailed 10-year skill development plan that includes his/her high school and post-secondary plans, as well as a professional portfolio. Students must also show evidence of participation at least one school or community based activity or attend school or community events. Satisfies UC/CSU entry requirements

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Semester

Course Credit: 5

Grade Level(s): 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Fine Arts/Language
Electives****Engineering Design**

Class studies basic concepts of engineering, architecture, drawing & drafting and using hand tool and small power tools to make models and prototypes. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra, Geometry.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9-12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Family Living**

Family Living is a comprehensive course focusing on personal development and family living. It is designed to help students meet the challenges of daily living in a technological society. Concepts are developed for: personal development, relationships, love and marriage, nurturing a family unit, understanding the changing family and potential challenges, balancing work and family, managing resources, and caring for the family. Family Living will encourage growth in the individual and help students cultivate skills for developing strong families. Students will be interacting with children.

School Sites Available:

Monte Vista

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Foods and Nutrition I**

A basic class in food preparation emphasizing basic nutritional needs with food preparation techniques to support good nutrition. This is a hands-on class in which students prepare foods from each food group. Units on shopping techniques, budgeting and nutrition are included. This course includes making wise food choices, the proper use and care of kitchen tools and appliances, reading nutritional labeling, how to correctly follow a recipe, cooking terms, planning a well-balanced meal and working efficiently in a group situation. Satisfies UC/CSU entry requirements

School Sites Available:Royal
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Foods and Nutrition II**

This course will study the history of food and its cultural, religious and social influences. The changes in diet during the life cycle, special diets, and eating disorders will be covered. The class will continue the study of subjects of basic human nutrition, food preparation, preservation and sanitation. In addition, the course will include meal planning and diet analysis, meal service and waiting tables and consumer issues of planning for both family meals and restaurant service or catered events. Foods prepared include international cuisine and gourmet techniques. Guest speakers from the food service community will present specialized food preparation techniques. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Foods and Nutrition I

School Sites Available:Royal
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Fine Arts/Language**Electives****Furniture Construction**

This is an advanced course in which students are encouraged to concentrate on an area of cabinet construction or furniture construction. Emphasis is placed on the project-problem approach in acquiring skill through the use of tools and machines with the application of mathematics and science. Modern industrial techniques and materials are introduced. Students are encouraged to develop their own designs and to experiment with the tools, materials, and processes used in the industry. This is a two period class. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Student must receive a grade of C or higher in high school Wood Design or have the instructor's approval for entrance to this class.

School Sites Available:Royal
Simi Valley**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Practical Arts

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives

IB Sports Exercise and Health Science

The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, what are studied in the context of sport, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principle and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise and health relative to the individual and in a global context. The teacher will cover the six required topics as well as two of the four options, as required by the International Baccalaureate Organization (IBO). The course objectives are predefined by the IBO and must be met in order to meet the requirements and the objectives for assessment. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Must be a Junior or Senior.

School Sites Available:

Royal

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Practical Arts

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education

Electives

Journalism I

Students in Journalism will learn how to write in the various journalistic forms. They will be treated as though they are actually working professionally as they publish the school newspaper. Students will learn and use a variety of equipment and software to produce the school newspaper, which include word processing, spreadsheets, desktop publishing, electronic transfer of information, digital cameras, art and scanning software. They will also learn how to successfully deal in the business world by managing ads and advertising clients. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:

Royal

Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Computer Education
Electives****Journalism II**

Students in Journalism II/Advanced will learn how to write in the various journalistic forms. They will be treated as though they are actually working professionally as they publish the school newspaper. Students will learn and use a variety of equipment and software to produce the school newspaper, which include word processing, spreadsheets, desktop publishing, electronic transfer of information, digital cameras, art and scanning software. They will continue to successfully deal in the business world by managing ads and advertising clients. Journalism II students are the leadership of the newspaper and assist Journalism I students. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of 'B' or better in Journalism I and teacher approval.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Leadership**

This class deals with the development and application of skills required to operate a government. This group of elected officers and appointed commissioners act as the co-legislative body for the school. Students learn event/activity planning, communication, finances, scheduling and coordination as they participate in personal leadership skill development. This class involves heavy personal responsibility and a workload encompassing many additional hours outside class time.

SUGGESTED PREPARATION: Election as a student body or class officer or selection as a commissioner. ASB Director approval and 2.5 GPA.

School Sites Available:

Royal

Simi Valley

Santa Susana

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Library Practice**

This semester course is open to those students who have been interviewed and recommended by the library media staff. This course offers students an opportunity to gain on-the-job experience working as a library staff member. Library students provide service to teachers and to students, while learning how a library functions and how to conduct library research.

SUGGESTED PREPARATION: Librarian approval

School Sites Available:

Royal

Simi Valley

Santa Susana

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Medical Terminology**

This is an integrated health science course utilizing Science & English concepts in a health science and/or medical environment. The design of this course is to prepare students for the natural progression to university level health science course work. Applications throughout the course allow students to see the connection of health science concepts and real-world application in a health care environment. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Acceptance into the Medical Health Careers Academy, Health Careers Survey, CP Biology, Algebra I, English 10. Taken simultaneously with Medical Office Administration.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**MHC Exploratory Internship**

MHC Internship provides students with the opportunity to explore Medical and Health Careers through interaction and on-site experiences and practical field experiences within the medical or health care field. Students will experience a direct connection between what is learned in school and what takes place in the workplace with someone working in a particular vocation within the medical health care field. The student may not replace a paid worker or be paid for the work performed. The sole intent is for the student to observe and to sample a variety of conditions in their career choice to ascertain their interest and suitability for the career being explored. To earn school credit, the student must gain acceptance into the site that is offering the program as well as follow their curriculum guidelines. In addition to the site's requirements, the student must attend weekly instruction/seminars with the Career Pathway Advisor or the School-to-Career Coordinator. The student must be able to provide a minimum of 90 hours of Health Care Training.

SUGGESTED PREPARATION: Health Careers Surveys and Medical Terminology. This course can also be part of a Health Science and Medical Technology pathway as an advanced course in a sequence of CTE health science courses. They include HIPPA, the privacy rule for confidentiality law for medical & health care facilities.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Office Practice**

Office practice provides training in clerical duties in on-campus offices. The student will gain practical experience in performing tasks normally associated with a school, business or government office. Good attendance is mandatory.

SUGGESTED PREPARATION: Counselor and/or office personnel approval.

School Sites Available:

Royal

Simi Valley

Santa Susana

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Parenting**

Parenting is a one semester course teaching students a variety of skills to prepare them for the all important life career of becoming a parent. Subject matter includes the decision to parent, parenting responsibilities, family life styles, prenatal and early childhood development and community resources available to help individuals and their families.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Peer Tutoring**

This course provides an opportunity for students to work individually or in small groups in a variety of subjects and with peers who have specific instructional needs. Students are assigned to work with a specific teacher. Good attendance, periodic meetings and log sheets detailing learning experiences are required. This course may be used as a Practical Arts requirement.

SUGGESTED PREPARATION: Teacher or counselor approval.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Science Lab Assistant**

Science Lab Assistant is open to qualified students for practical art or elective credit. Only students who have shown a special interest in science and have demonstrated the ability to work independently with little supervision and who have good attendance are selected for this class. Prior approval of the teacher the student will be working for is required for registration. The areas covered by this course will be determined by the particular science subject that the student is assisting with. Assignments will be designed to promote growth in various areas of science. Science Lab Assistants also assist with lab preparation, making solutions, setting up labs, and cleaning laboratory equipment. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher Approval.

School Sites Available:Simi Valley
Santa Susana
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Sports Medicine Certification**

This course will introduce students to the profession of athletic training, sports medicine, CERT (Community Emergency Response Team), First aid/CPR and emergency preparedness. It's designed to educate the students on disaster preparedness. Students will learn how to perform basic taping/wrapping skills, emergency management skills & proper transportation skills of an injured person. The class consists of lecture, practical skills and observation. Students will have the opportunity to receive their CERT certificate from the Ventura County Fire Department.

SUGGESTED PREPARATION: Instructor Approval

School Sites Available:

Simi Valley

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Teachers of Tomorrow**

This course provides students with the opportunity to experience teaching in an actual classroom setting. Interns are teamed with classroom teachers for two hours per day and attend a weekly seminar with the Teachers of Tomorrow instructor to gain insight and practical experience in the teaching profession. Interns gain hands-on experience, background in theory and methods, research and review of current issues in education and information regarding university teacher education/credentialing programs. Students receive no pay but earn school credit. Evaluations are completed by on-site supervising teachers and the Teachers of Tomorrow instructor. Students must be able to provide a minimum of 90 hours of non-paid work experience per semester.

SUGGESTED PREPARATION: Teacher or counselor approval.

School Sites Available:Royal
Simi Valley**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Fine Arts/Language**Electives****Wood Design I**

Students will be working with power tools and equipment, so they must be able to exercise mature behavior befitting a potentially hazardous environment while in the wood lab and in the classroom. Because students must pass the required safety tests before they are permitted to work in the shop, students should possess grade level reading and writing skills (as well as basic math skills), or special arrangements must be made with the teacher prior to the start of class. Satisfies the district Visual and Performing Arts requirement. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Apollo**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Fine Arts/Language
Electives****Wood Design II**

This is an advanced course in which students are encouraged to concentrate in a specialized area such as cabinet making. Emphasis is placed on the project problem approach in acquiring skill through the use of tools and machines and the application of mathematics and science. Modern industrial techniques and materials are introduced. Safe and professional work practices will be stressed at all times while students further develop the skill and knowledge they acquired in Wood Design I through their continuing use of woodworking machines, power tools and hand tools. Satisfies the district Visual and Performing Arts requirement. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Grade of C or better in Wood Design I

School Sites Available:Royal
Simi Valley
Apollo**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Fine Arts/Language
Electives****Woodshop Manager**

This class provides students the opportunity to learn management and leadership skills which are relevant to any managerial position they may pursue. Specific to the woodshop, students may perform some supervised maintenance work, and supervise shop clean-up and other shop procedures. They will take inventory of various supplies and may assist the teacher in preparing material for distribution to students. They will assist students with their individual projects and lead or participate in class discussions and demonstrations as directed by the teacher. Development of leadership skills is a major goal of this program.

SUGGESTED PREPARATION: Successfully completed Wood Design with a grade of 'B' or better. Students should possess grade level reading and writing, as well as basic math skills.

School Sites Available:Royal
Simi Valley**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 10 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Work Experience**

The Simi Valley Unified School District recognizes that the purpose of the Work Experience Education Program is to provide students with the kind of employment experiences that will enable them to make better career decisions and/or to develop vocational skills. These programs are considered to be a critical part of the total educational effort and are designed to enable the business/industrial community and the school to cooperate in providing quality education to the student. To earn credit, the student must attend weekly class instruction with the Work Experience teacher, work a specified number of hours, and stay working the entire semester. If a student does not complete required hours of work, variable credit may be given.

SUGGESTED PREPARATION: Must be enrolled in 11th grade or higher, have a job that meets the requirements of Work Experience Education, have a 2.0 or higher GPA from the previous semester and meet the attendance requirements.

School Sites Available:Royal
Simi Valley
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Computer Education**Electives****Yearbook Design**

Students participate in yearbook design, layout techniques and writing copy (articles, headlines, captions) in order to produce the school annual. Advanced students may also take part in the design and creation of graphics to be used in the yearbook. Outstanding attendance and the ability to follow through with projects are mandatory (to meet deadlines). Involvement in the annual will require some after or before-school gathering of information from teachers, coaches and students. Assignments may also include the possibility of taking photos. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval and 2.0 GPA.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Athletic Training A**

Athletic Training A students will apply knowledge of anatomy and physiology to treating injury. Students will learn how to wrap an injury to reduce swelling and give the athlete support. Students will learn how to use training equipment and materials, procedures for athletic training and the role of trainers as care providers. Theoretical components of the course will be taught online and students will complete an onsite internship during school athletic events. Students may earn a Certificate of Proficiency upon completion of A and B. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Athletic Training B**

Athletic Training B students will receive an overview of the various fields of athletic training and sports medicine. Students will learn how to use training equipment and materials, procedures for athletic training and the role of trainers as care providers. Students will learn the basic concepts involved in bracing and taping athletic injuries. Theoretical components of the course will be taught online and students will complete an onsite internship during school athletic events. Students may earn a Certificate of Proficiency upon completion of A and B. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Simi Valley
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Auto Body Repair**

Auto Body Repair will introduce students to the world of structural repair of vehicles. Students will learn in an industry-standard shop on campus how to straighten and align the body of the vehicles to get them prepared to paint. Students will be able to identify irregularities and problems with a vehicle's body. Students may intern in an auto body shop the second semester and may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Criminal Justice**

Criminal Justice provides an introduction to the criminal justice system, focusing on state and federal laws designed to safeguard the public. In this hybrid course students will complete theoretical work online, such as analyzing civil rights guarantees. In weekly session students will participate in class activities that related to the academic, personal, physical, and psychological prerequisites for a career in criminal justice. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

School Sites Available:Royal
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Food Srv/Hospitality**

Food Service and Hospitality prepares students for employment in the food and hospitality industry with food production, preparation, and service skills. Instruction includes such topics as food purchasing, preparation, safety and sanitation; use and care of commercial equipment; management of food establishments; and cost and profitability analysis. In addition, this course studies the way food service in the hospitality industry varies from other food services. Students will be prepared to successfully pass the Pro Serve exam at the end of this course and may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Hospitality, Tourism & Recreation pathway course or instructor approval.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Food Srv/Hospitality Honors**

Honors Food Service and Hospitality prepares students for employment in the food and hospitality industry with food production, preparation, and service skills. Instruction includes such topics as food purchasing, preparation, safety and sanitation; use and care of commercial equipment; management of food establishments; and cost and profitability analysis. In addition, this course studies the way Food Service in the hospitality industry varies from other food services. Students will be prepared to successfully pass the Pro Serve exam at the end of this course. Students will spend significant time completing a capstone project of a final dish. Additionally, students will have several written assignments throughout the course related to culture, cuisine, and nutrition. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Food Service & Hospitality Class or instructor approval.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Intro Teaching**

Introduction to Teaching Careers is designed to provide a deeper interaction with the practice of learning and teaching. Through research and study of theories of human development; principles of teaching and learning; and principles of team and climate building, students will analyze school and classroom scenarios at their internship site as they apply their learning in an authentic setting. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Child Development (Recommended)

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Intro to Law**

Introduction to Law introduces students to legal concepts, principles and procedures. The course is designed to provide students with an understanding of the structure of the U.S. legal system, including the role of the judicial, legislative, and executive branches; the history of law in the United States; the role of attorneys, law enforcement and other legal professionals; categories of law; litigation principles; and alternate dispute resolution. Topics will also include civil liberties and rights, juvenile justice, corrections, and civil and consumer law. The course involves substantial reading and writing. Students also participate in trial simulations, debates. Career exploration is integrated with each unit. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: United States History (Recommended)

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Law Enforcement Careers**

Introduction to Law Enforcement Careers introduces students to the essential concepts and procedures of law enforcement agencies. The course is designed to prepare students for a career in law enforcement and incorporates law enforcement concepts, and systems. Students will have various opportunities to interact/work with law enforcement professionals. Students may need to pass a background check in order to intern with local law enforcement agencies. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Practical Arts**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Medical Terminology**

Medical terminology examines anatomy, physiology, and biochemistry while applying scientific knowledge and research to the study of the human body, including rigorous study of the body systems. Students will apply scientific methodologies to the practices employed by healthcare professionals. This course builds the vocabulary needed to work in the healthcare field with emphasis on spelling, pronunciation, abbreviations, and definition of medical terms. Students may earn a Certificate of Completion. Satisfies UC/CSU entry requirements

School Sites Available:Royal
Apollo
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Teacher Assistant A**

Students in Teaching Assistant A will explore what it takes to become a credentialed teacher and the laws that guide education. Students will learn about their digital footprint, privacy laws in education, and begin to explore educational theory. Students will apply their learning to their assigned assistant classes.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Practical Arts****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**ROP Teacher Assistant B**

Students in Teaching Assistant B will explore what it takes to become a credentialed teacher and the laws that guide education. Students will learn Maslow's Hierarchy of Needs, Blooms Taxonomy, Learning Styles, and state and federal education code. Additionally, students will learn about the teacher credentialing process in the state of California and prospective growth in the job market. Students will create and present their own lesson plan and understand how to reinforce student learning. Students will apply all of this to their assigned classes.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12

HEALTH

Primary Graduation Requirement: Health Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Health**

This course strives to meet the needs of today's teens by focusing on health issues from an adolescent perspective. Course topics are directed toward adolescent risk behaviors and the acquisition of life skills. This course is designed to enable students to develop positive health-related attitudes and behaviors. Satisfies graduation requirement.

School Sites Available:

Royal
Simi Valley
Santa Susana
Apollo
Monte Vista

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Health Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**MHC Health**

This course strives to meet the needs of today's teens by focusing on health issues from an adolescent perspective. Course topics are directed toward adolescent risk behaviors and the acquisition of life skills. It is designed to enable students to develop positive health-related attitudes and behaviors. Satisfies graduation requirement.

SUGGESTED PREPARATION: Must be enrolled for MHC Freshman Seminar for the Spring semester the same year.**School Sites Available:**

Simi Valley

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

PHYSICAL EDUCATION

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Physical Education**

Physical Education is required for all students. The Physical Education Department will provide several activities in order to develop well rounded individuals. Teaching rules, skills, techniques, and strategies of recreational and leisure time activities are included. Students prepare daily for the California Physical Fitness Test.

School Sites Available:

Monte Vista

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**PE 9**

Physical Education is required for all students. The Physical Education Department will provide several activities in order to develop well rounded individuals. Teaching rules, skills, techniques, and strategies of recreational and leisure time activities are included. Students prepare daily for the California Physical Fitness Test.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 9**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**PE 10**

Physical Education is required for all students. The P.E. Department will provide several activities in order to develop well rounded individuals. Teaching rules, skills, techniques and strategies of recreational and leisure time activities are included. Students continue their skill development in the same areas as in 9th grade P.E.

School Sites Available:Royal
Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 10

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AFJROTC 100**

This is the recommended first AS course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AFJROTC 200**

The Science of Flight: A Gateway to New Horizons is an introductory course that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and ISTE National Educational Technology Standards for Students. In this course, every lesson includes a Quick Write and a short story related to the lesson; a Learn About that tells students what they will learn from the lesson; a list of vocabulary words in the lesson; Wing Tips that highlight specific and interesting facts; and many biographies and profiles. Each lesson closes with Checkpoints that will allow students to review what they have learned. The text has four chapters, each of which contains a number of lessons.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AFJROTC 300**

The Science of Flight: A Gateway to New Horizons is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AFJROTC 400**

This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. Twenty First Century Skills as defined by the Partnership for 21st Century Skills are integrated into the course. These include learning and innovation (thinking) skills - critical thinking and problem solving, creativity and innovation, and communication and collaboration; information, media and technology skills - information literacy, media literacy, and ICT (information, communications and technology) literacy; and life and career skills-flexibility and adaptability, initiative and self-direction, social and cross-cultural skills, productivity and accountability, and leadership and responsibility. Again, the content of this course is correlated using the National Geography and Social Studies Standards. These include the National Geography Standards - Geography for Life; and the National Council for the Social Studies (NCSS) standards. In addition, the technology enrichment activities are correlated to the National Education Technology Standards for Students.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Baseball**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Basketball**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Bowling**

Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class. This course may not be used to make up failing grades from grades 9 and 10. Class meets at 7 a.m. off campus twice weekly.

SUGGESTED PREPARATION: Students must have passed Physical Education 9 with a C or better on their semester grade reports and/or passed the State Physical Fitness test (PFT). Parent permission required and transportation must be arranged by the student/parent. Class meets off campus at 7:00 a.m. two times per week. Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Cross Country**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Fine Arts/Language
Electives****Dance Ensemble**

This course focuses on learning repertory choreographed by students, faculty and guest artists. Instruction is centered around developing and strengthening individual technique, creative expression and performance abilities. Students are exposed to a variety of dance genres which expands cultural awareness, enhances dance education and increases versatility. This class culminates in rehearsal and performance for school events, community events, performances, competitions and formal concert environments. This class may be taken four (4) times for credit. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Jazz II with the letter grade of a 'B' or better, or teacher waived verification of equivalent experience and intermediate to advanced mastering of technique determined by audition.

School Sites Available:Royal
Simi Valley
Santa Susana**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Drill Team**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Football**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Golf**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Lacrosse**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Marching Band**

This course will emphasize the techniques, attitudes and skills needed for Marching Band while also covering skills and competencies to meet the California Physical Ed. Content Standards for High School. This group performs at all football games, marches in a number of parades and is responsible for presenting quality music at community functions. Must be enrolled in another band class during the day. P.E. credit given.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Pep Squad**

Pep Squad is a yearlong course where students work on flexibility, strength, dance, cheer and stunting. Students cheer at football and basketball games, volleyball and wrestling matches. Squad will also participate in the Simi Valley Days parade, summer cheer camp, pep rallies, and other school activities. Physical Education is required of all students. The Physical Education Department will provide several activities in order to develop well-rounded individuals. Teaching rules, skills, techniques and strategies of recreational and leisure-time activities are included. Participation requires enrollment in both semesters. P.E. credit given.

PREREQUISITE: Formal tryout in the spring necessary for participation. Teacher recommendation, academic eligibility and attendance will determine participation throughout the year.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Skateboarding**

This course focuses on skill development for the beginning/inexperienced skateboarder. Instruction will cover terminology, equipment, etiquette, local and state laws and regulations, and safety. In addition, the course will cover fundamental skills of skateboarding including some more advanced moves for more experienced skateboarders.

SUGGESTED PREPARATION: Students must have passed Physical Education 9 with a C or better on their semester grade reports and/or passed the State Physical Fitness test (PFT). Parent permission required and transportation must be arranged by the student/parent. Class meets off campus at either 7:00 A.M. or 2:00 P.M. two times per week. Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Soccer**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Softball**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Swimming**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Tennis**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Track**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Volleyball**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Water Polo**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Physical Education**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Weights**

This course is designed to give a solid fundamental introduction to weight training for the beginning student and a chance for the experienced weight student to further develop and reach higher goals. Proper use of equipment, correct setting and safety procedures, setting up a program, and the hazards of steroids will be emphasized.

SUGGESTED PREPARATION: Must have completed 9th P.E. with a grade of C or better.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Wrestling**

The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.

PREREQUISITE: A 2.0 GPA or above during the quarter preceding play and signature of the coach.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Physical Education****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**Yoga/Pilates**

Students will develop a sense of body awareness. Students will deepen their understanding of anatomy and kinesiology through vocabulary and performance.

SUGGESTED PREPARATION: Must have completed 9th P.E. with a grade of C or better.

School Sites Available:Simi Valley
Santa Susana
Monte Vista**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 10 - 12

COMPUTER EDUCATION

Primary Graduation Requirement: Computer Education**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives****21st Century Marketing**

This course is designed as an introduction to business management across all functional areas of an organization to meet the needs for a solid understanding of marketing fundamentals to succeed. Marketing allows students to discover customer wants and needs and to gain a solid understanding in creating, advertising and selling products. This course offers all aspects of marketing, from basic economics to employment in the marketing field. Students will learn how marketing affects many aspects of their lives and how they will benefit from understanding it. Students will learn how to apply economic and human resources and marketing functions and foundations to solve business problems and develop competence in such areas as product/service planning, selling, pricing, risk management, promotion and information management. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Entrepreneurship or Teacher Approval

School Sites Available:
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Electives**AP Research**

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: AP Seminar

School Sites Available:
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Computer Education**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Electives**IB Business and Management SL**

The aims of the business management course are to: encourage a holistic view of the world of business; empower students to think critically and strategically about individual and organizational behavior; promote the importance of exploring business issues from different cultural perspectives; enable the student to appreciate the nature and significance of change in a local, regional and global context; promote awareness of the importance of environmental, social and ethical factors in the actions of individuals and organizations; develop an understanding of the importance of innovation in a business environment. The course consists of 5 units established by the IBO. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Math
Electives**Computer Programming I**

This course is designed as an introductory course for students planning to enter into the field of computer programming in high school, college and/or business. Student will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement or 5-unit math credit. Satisfies UC/CSU elective requirement when taken in 11th or 12th grade.

SUGGESTED PREPARATION: Grade of C or better in second semester of Algebra I, or equivalent, or teacher approval.

School Sites Available:
Simi Valley**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Math
Electives**Computer Programming II**

The course is designed for students planning to enter into the field of computer programming in high school, college and/or business as a continuation of Computer Programming concepts. Student will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement or 5-unit math credit. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Completion of Computer Programming I with a grade of 'B' or better or teacher approval.

School Sites Available:
Simi Valley**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Math
Electives

AP Computer Science A

The goals of this course are comparable to those in the introductory sequence of courses for computer science majors at the university level. This course is intended to serve as both an introductory course for computer science majors and for those students whose majors will require significant involvement with computing. Students who enroll in this course are strongly encouraged to take the Advanced Placement examination given in May. A score of 3, 4 or 5 on the examination will enable the student to obtain 3 semester units of college credit in computer science at participating universities. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successful completion of Algebra II or approval from the instructor in lieu of the math requirement. Students who sign up for AP classes after the registration period will be accommodated on a space available basis.

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Math
Practical Arts
Electives

AP Computer Science Principles

This course has been designed as a year-long high school course that fully addresses the seven 'Big Ideas' of computer science and six 'Computational Thinking Practices,' as specified by the College Board's AP Computer Science Principles curriculum framework. The lessons and materials used throughout this course incorporate Project-Based learning (PBL), a pedagogical approach that actively engages students in the educational process, improves retention, and develops problem solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students are encouraged to explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal
Simi Valley
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 10 - 12

Primary Graduation Requirement: Computer Education**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Math****Electives****IB Computer Science SL**

Students will study computer science on a local, national and global scale which lies at the heart of the subject. Developments such as open source software and the emergence of social networking, as well as the study of internet forums epitomize the global nature of the subject. The students will learn networking, programming, memory, design and structure of the computer and its working systems. The students will use research methods and practical application to identify problems and create computer technology. The teacher will cover the required topics as well as options, as required by the International Baccalaureate Organization (IBO). The course objectives are predefined by the IBO and must be met in order to meet the requirements and the objectives for assessment. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Suggested Math Analysis or higher OR Computer Programming or teacher recommendation.

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****Entrepreneurship**

This is an exploratory course with the objective to increase competence in making wise economic choices and understanding the place of business and entrepreneurship in modern society. This course prepares students for careers in any business enterprise or as an independent contractor and provides students with an overview of economic environments, business operations, functioning in a global economy, small business management, technology in business and issues associated with financing businesses. During the course, students will work in teams to create a mock business and prepare a business plan based on the primary elements of business operations. Satisfies UC/CSU entry requirements.

School Sites Available:

Simi Valley

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Computer Education**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Math****Electives****Exploring Computer Science**

This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science AB is to develop the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra 1 with a C or better.

School Sites Available:

Simi Valley

Santa Susana

Apollo

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****Graphics and Publication**

Students will learn the basics of page layout design for magazines, newsletters, newspapers and other publications. They will also incorporate original and pre-designed art with computer programs to produce professional products, photo manipulation and vector drawing. The course will reinforce student's English skills and will further develop artistic designing capabilities. Satisfies UC/CSU entry requirements.

School Sites Available:

Santa Susana

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Computer Education**UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Fine Arts/Language****Electives****Website Design**

Web Design explores the historical and rapidly changing trends in the field of web development. Through design projects for the web, students develop problem-solving skills, artistic perception, critical thinking and self-reflection. With an awareness of design solutions throughout history in various cultures, students will understand the impact of the arts and design on human experience. Students will also learn methods and theory such as elements and principle of design to enhance their artistic vision and style. Design critiques and presentation will provide opportunities for students to grow as design artists. All experiences will focus on developing perception and the application of the elements of art and principle of design through contemporary design applications and web design. The class will explore web page design, planning, layout and construction, setup and maintenance of a website, HTML, CSS Javascript and various web page and image creation tools. The course is designed to provide the necessary skills and training for an entry-level position in the field of Web Design. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra I with a C or better.

School Sites Available:Royal
Simi Valley**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: F, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Fine Arts/Language****Electives****ROP Ad Graphic Design**

Advanced Graphic Design is a practical study of creative processes as they relate to graphic design production. Emphasis is placed on idea generation, techniques for inspiration, and communicating individual creative processes. Topics also include current graphic design trends and intellectual property. This course will build upon techniques developed in previous coursework. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Arts, Media & Entertainment pathway course or instructor approval.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Computer Education****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts**Electives****ROP Auto Tech**

In Introduction to Automotive Technology students will learn the basic functions of each auto part and system. Students will complete an internship during this course and may earn a Certificate of Proficiency. Satisfies UC/CSU entry requirements.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: F, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Fine Arts/Language
Electives

ROP CAD/Design Honors

Honors Computer Aided Drafting and Design will cover the technical skills of current industry methods, tools, and conventions and expose students to career pathways in architecture and design fields. In this project-based class students will consider and solve problems of form, space, and function while understanding the environmental, social, and aesthetic impact of architectural design through the latest software. This course is intended to be taken in conjunction with Honors Engineering to comprise a year program. Students may earn a Certificate of Proficiency upon completion of both courses. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Integrated Math 2 or Geometry, or instructor approval.

School Sites Available:
Simi Valley

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: D, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Physical Science
Electives

ROP Engineering

Engineering is an advanced study of engineering, with an intensive hands-on laboratory component. Students will conceptualize, design, build, and debug a variety of projects, working independently or in collaboration with other students. Off-campus field trips to visit engineering projects may be required. Students may earn a Certificate of Proficiency upon completion of both courses.

SUGGESTED PREPARATION: Algebra 1 and Prior STEM pathway course, or instructor approval.

School Sites Available:
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: D, G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Practical Arts
Physical Science
Electives

ROP Engineering Honors

Honors Engineering is an advanced study of engineering, with an intensive hands-on laboratory component. Students will conceptualize, design, build, and debug a variety of projects, working independently or in collaboration with other students. Off-campus field trips to visit engineering projects may be required. This course is intended to be taken in conjunction with Honors Computer Aided Drafting to comprise a year program. Students may earn a Certificate of Proficiency upon completion of both courses. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra 1 and Prior STEM pathway course, or instructor approval.

School Sites Available:
Santa Susana

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives**

ROP Game Design

Game Design introduces game programming principles while students explore career-related interests in 2-D Animation, 3-D Animation, Game Design, and Commercial Art. Students will learn the history, culture, and genres of video games and animation while they collaborate on group projects. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Information & Communication Technologies pathway course or instructor approval.

School Sites Available:
Royal

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 10 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives**

ROP Robotics Tech

Robotics Technology will introduce students to the working principles and foundational knowledge of robotics. Students will be a part of a First Robotics team and participate in competition. Content includes robotic control and task completion via programming and engineering, hands-on problem solving, teamwork, and critical thinking. This course emphasizes algorithm development and the science of robot design and technology. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Algebra 1, Integrated Math 1 or instructor approval.

School Sites Available:
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Computer Education

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

**Practical Arts
Electives**

ROP Robotics Tech Honors

Honors Robotics Technology will introduce students who have already taken Robotics to advanced working principles and foundational knowledge of robotics. Students will be a part of a First Robotics team, participate in competition, and mentor new students. Content includes advanced robotic control and task completion via programming and engineering, hands-on problem solving, teamwork, and critical thinking. This course emphasizes algorithm development and the science of robot design and technology. Students may earn a Certificate of Proficiency upon completion. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Robotics Technology or instructor approval.

School Sites Available:
Simi Valley

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Electives

Primary Graduation Requirement: Electives**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Academic Decathlon

This is an in-depth study in the areas of economics, fine arts, science, math, social studies, essay writing, language and literature, interview skills and public speaking. The purpose is to prepare students for participation in the Ventura County Academic Decathlon Competition.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

America in the 60s

This course will focus in detail on the decade of the 1960's. The class will start with a look at the issues and elements of the 1950's that sowed the seeds for the turbulent years that followed. The class will start with a look at the Eisenhower years of the 1950's and end with the Nixon administration of the 1970's. Issues on social history that will be examined are: the history of Rock and Roll, the Civil Rights Movement, the Beatles and the Counter-Culture. Foreign Policy issues that will be examined are: the Cold War and the Vietnam War. Satisfies UC/CSU entry requirements

School Sites Available:

Royal

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

AP Seminar

The Advanced Placement Program enables willing and academically prepared students to pursue college-level studies, with the opportunity to earn college credit, advanced placement, or both while still in high school. Students who earn a qualifying score on an AP Exam are typically eligible to receive college credit and/or placement into advanced courses in college. Every aspect of AP course and exam development is the result of collaboration between AP teachers and college faculty. They work together to develop AP courses and exams, set scoring standards, and score the exams. College faculty review every AP teacher's course syllabus. The AP Seminar course is the first of two courses that are part of the overall AP Capstone program that is designed to function as a culminating AP program for students taking a minimum of three AP courses that demonstrates to colleges that the students are capable of high level critical thinking and analytical research at the college level. AP Seminar can also be an initial AP course for students who are interested in taking AP classes and want to understand the level of research and analytical thinking required to be successful in AP classes. Satisfies UC/CSU entry requirements.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Ethics and Logic

This course exposes high school students to Western philosophical thought, focusing on ethics and logical reasoning. Students will learn critical thinking tools that will help identify and evaluate arguments. Moreover, knowledge gained in this course will help students produce good arguments. Students will build their reasoning and critical thinking skills, learn to identify a number of defects, or fallacies of reasoning, and will also learn to identify categories of philosophic thought, rhetorical arguments and to distinguish good from bad arguments. The focus will be on Philosophy of Mind, Philosophy of Science, Philosophy of Politics, Aesthetics and Human Nature.

SUGGESTED PREPARATION: A grade of C or better in Algebra I and English, and teacher approval.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

IB History HL2

History is more than the study of the past. It is the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. It is a discipline that gives people an understanding of themselves and others in relation to the world, both past and present. The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. The course fosters an understanding of major historical events in global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: successful completion of IB History of the Americas SL

School Sites Available:

Royal

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 12 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: A, G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

AP Human Geography

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Teacher approval

School Sites Available:

Royal

Simi Valley

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Law and Order

This culminating course includes classroom and internship components which allow students to receive in-depth exposure to various careers in the field of law. Coursework in the classroom will be heavily supplemented by regular guest speakers from different branches of law enforcement and legal fields. Students will have frequent opportunities to learn directly from professional visitors to the classroom who will offer both direct instruction and practical advice about their careers. These classroom-based units of study will be complemented by a field internship during the spring semester. This course will be divided into ten units of study: Law and Public Policy, Settling Disputes, Crime in America, Criminal Justice: The Investigative Phase, Criminal Justice: Charges, Plea Bargaining, the Trial, Sentencing and Corrections, Juvenile Justice, Tort Law, Consumer Law, Family Law, Law & Society Internship. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Successfully complete the Applied Legal Studies course and teacher approval.

School Sites Available:

Santa Susana

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

MHC Medical Health Careers Exploration

The Fall semester of the Health Careers Exploration course is designed for students who are interested in preparing for careers in any medical or health related field. There is a broad and basic core of instruction that will examine health care systems, disease prevention, required qualities and skills of health professionals, medical ethics and other skills needed. The Spring semester builds upon the fall semester and puts into practice job-specific skills and focuses on getting ready for a desired career. Students will build their resume, participate in mock interviews and also participate in at least one job shadow for a minimum of 3 hours. They will build a portfolio based upon their chosen profession (or one they have a great deal of interest in) and present it to their classmates as well as in a gallery-walk style for parents and faculty. This class is part of the MHC pathway and will also require a minimum of 25 hours of community service. Class will meet zero periods Tuesdays, Wednesdays and Thursdays face-to-face and have an online/hybrid component for Mondays. Satisfies Graduation requirement.

SUGGESTED PREPARATION: Completion with a 'C-' or better in MHC Freshman Seminar or equivalent class for Health and Freshman Seminar. This is the 2nd year MHC course in a 4-year program.

School Sites Available:

Simi Valley

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 10**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Psychology I

Students will better understand themselves and others by learning and applying the psychological principles presented in this semester class. Areas covered include personality theory: Freudian principles, trait and conditioning theories; perception, motivation and emotion, proxemics: body language, lie detection; understanding relationships, and the cognitive domains of learning, thinking, memory, and states of consciousness, including dream analysis and meditation. This course is based on the National High School Psychology Framework. Satisfies UC/CSU entry requirements.

School Sites Available:Simi Valley
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Psychology II

Advanced Psychology addresses the complexities of modern living and the need for students to learn advanced theories of human behavior and to develop skills in interpersonal communication. Course objectives include: Promote critical thinking; Show that psychology is a human endeavor; founded and used by people; Encourage appreciation of the research process; Explain and apply strategies for problem solving; Present a balanced and intellectual view of psychology; Show the relevance of psychology to everyday life. Satisfies UC/CSU entry requirements.

School Sites Available:Simi Valley
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Electives

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

AP Psychology

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students will prepare to do acceptable work on the Advanced Placement Examination in Psychology. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: All students who are willing to accept the challenge of a rigorous academic curriculum should be considered for admission to AP Psychology.

School Sites Available:

Royal
Simi Valley
Santa Susana
Monte Vista

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 9 - 12

Primary Graduation Requirement: Electives

UC A-G Approved: G

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

IB Psychology SL

IB psychology examines the interaction of biological, cognitive and sociocultural influences on human behavior, thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed and applied enables students to achieve a greater understanding of themselves and appreciate the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB psychology. The teacher will cover the three required core topics as well as one (standard level) or two (higher level) options, as required by the International Baccalaureate Organization (IBO). The course objectives are predefined by the IBO and must be met in order to meet the requirements and the objectives for assessment. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Must be a Junior or Senior.

School Sites Available:

Royal

Course Length: Yearlong

Course Credit: 10

Grade Level(s): 11 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

IB Psychology HL1

The IB Diploma Programme higher level psychology course aims to develop an awareness of how research findings can be applied to better understand human behavior and how ethical practices are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior. They also understand and use diverse methods of psychological inquiry. In addition, the course is designed to: encourage the systematic and critical study of human experience and behavior; physical, economic and social environments; and the history and development of social and cultural institutions; develop the capacity to identify, analyze critically and evaluate theories, concepts and arguments about the nature and activities of the individual and society - enable students to collect, describe and analyze data used in studies, test hypotheses; and interpret complex data and source material - enable the student to recognize that the content and methodologies are contestable and that their study requires the toleration of uncertainty - develop an awareness of how psychological research can be applied for the better understanding of human behavior - ensure that ethical practices are upheld in psychological inquiry - develop an understanding of the biological, cognitive and sociocultural influences on human behavior - develop an understanding of alternative explanations of behavior - understand and use diverse methods of psychological inquiry. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Must be a Junior or Senior

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

IB Psychology HL2

The IB Diploma Programme higher level psychology course aims to develop an awareness of how research findings can be applied to better understand human behavior and how ethical practices are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior. They also understand and use diverse methods of psychological inquiry. In addition, the course is designed to: encourage the systematic and critical study of human experience and behavior; physical, economic and social environments; and the history and development of social and cultural institutions; develop the capacity to identify, analyze critically and evaluate theories, concepts and arguments about the nature and activities of the individual and society - enable students to collect, describe and analyze data used in studies, test hypotheses; and interpret complex data and source material - enable the student to recognize that the content and methodologies are contestable and that their study requires the toleration of uncertainty - develop an awareness of how psychological research can be applied for the better understanding of human behavior - ensure that ethical practices are upheld in psychological inquiry - develop an understanding of the biological, cognitive and sociocultural influences on human behavior - develop an understanding of alternative explanations of behavior - understand and use diverse methods of psychological inquiry. Satisfies UC/CSU entry requirements.

SUGGESTED PREPARATION: Must be a Junior or Senior

School Sites Available:
Royal**Course Length:** Yearlong**Course Credit:** 10**Grade Level(s):** 11 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Sociology

This course introduces the principle of sociology including sociological perspectives, culture and social structures, social inequalities, and social institutions. Satisfies UC/CSU entry requirements.

School Sites Available:

Monte Vista

Course Length: Yearlong**Course Credit:** 10**Grade Level(s):** 9 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

TAP 9

TAP is a guidance class offered for 40 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities include school behavior and rules, Renaissance activities, technology issues, ASB information monthly, career information and school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, etc. Senior year TAP class focuses on the Senior Project, college information and application procedure, financial aid and preparation for graduation. Junior year TAP class focuses on planning for college, goal setting and evaluation, test-taking strategies, four-year plan updates, preliminary graduation checks and junior class activities. Sophomore year TAP class focuses on study skills, time management, test-taking strategies and graduation checks. Freshman year TAP class focuses on an introduction to high school and the road to graduation, learning styles, career awareness (COPS) and an introduction to the Career and College Center (CCC).

School Sites Available:

Santa Susana

Course Length: Quarter**Course Credit:** 1**Grade Level(s):** 9 - 9**Primary Graduation Requirement: Electives****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

TAP 10

TAP is a guidance class offered for 40 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities include school behavior and rules, Renaissance activities, technology issues, ASB information monthly, career information and school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, etc. Senior year TAP class focuses on the Senior Project, college information and application procedure, financial aid and preparation for graduation. Junior year TAP class focuses on planning for college, goal setting and evaluation, test-taking strategies, four-year plan updates, preliminary graduation checks and junior class activities. Sophomore year TAP class focuses on study skills, time management, test-taking strategies and graduation checks. Freshman year TAP class focuses on an introduction to high school and the road to graduation, learning styles, career awareness (COPS) and an introduction to the Career and College Center (CCC).

School Sites Available:

Santa Susana

Course Length: Quarter**Course Credit:** 1**Grade Level(s):** 10 - 10

Primary Graduation Requirement: Electives**UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

TAP 11

TAP is a guidance class offered for 40 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities include school behavior and rules, Renaissance activities, technology issues, ASB information monthly, career information and school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, etc. Senior year TAP class focuses on the Senior Project, college information and application procedure, financial aid and preparation for graduation. Junior year TAP class focuses on planning for college, goal setting and evaluation, test-taking strategies, four-year plan updates, preliminary graduation checks and junior class activities. Sophomore year TAP class focuses on study skills, time management, test-taking strategies and graduation checks. Freshman year TAP class focuses on an introduction to high school and the road to graduation, learning styles, career awareness (COPS) and an introduction to the Career and College Center (CCC).

School Sites Available:
Santa Susana**Course Length:** Quarter**Course Credit:** 1**Grade Level(s):** 11 - 11**Primary Graduation Requirement: Electives****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

TAP 12

TAP is a guidance class offered for 40 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities include school behavior and rules, Renaissance activities, technology issues, ASB information monthly, career information and school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, etc. Senior year TAP class focuses on the Senior Project, college information and application procedure, financial aid and preparation for graduation. Junior year TAP class focuses on planning for college, goal setting and evaluation, test-taking strategies, four-year plan updates, preliminary graduation checks and junior class activities. Sophomore year TAP class focuses on study skills, time management, test-taking strategies and graduation checks. Freshman year TAP class focuses on an introduction to high school and the road to graduation, learning styles, career awareness (COPS) and an introduction to the Career and College Center (CCC).

School Sites Available:
Santa Susana**Course Length:** Quarter**Course Credit:** 1**Grade Level(s):** 12 - 12**Primary Graduation Requirement: Electives****UC A-G Approved: N/A**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

Teacher Aide

Student will demonstrate ability to alphabetize, file, and coordinate office correspondence. He/she will learn various copy machines (ditto, photo). The student will coordinate office procedures and interact with the Independent Study staff.

School Sites Available:
Santa Susana
Monte Vista**Course Length:** Semester**Course Credit:** 5**Grade Level(s):** 9 - 12

Primary Graduation Requirement: Electives**UC A-G Approved: G**

Can meet alternate graduation requirement(s) below if primary is already fulfilled.

IB Theory of Knowledge

This course is taken second semester of the junior year and first semester of the senior year as part of completing an IB diploma. TOK plays a special role in the Diploma Programme by providing an opportunity for students to reflect on the nature of knowledge and on how we know what we claim to know. The fundamental question of TOK is how do we know that? Students are encouraged to think about how knowledge is arrived at in different disciplines, what the disciplines have in common and the differences between the disciplinary. TOK therefore both supports and is supported by the study of other DP subjects, as students are required to explore knowledge questions against the backdrop of their experiences in their other DP subjects. Discussion and critical reflection form the backbone of the TOK course, centering around discussions of questions such as What counts as evidence for X?; What makes a good explanation in subject Y?; How do we judge which is the best model of Z?; How can we be sure of W?; What does theory T mean in the real world?; How do we know whether it is right to do S? Through discussions of these types of questions students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives. The TOK course is assessed through an oral presentation and a 1600 word essay. The TOK presentation assesses the ability of the student to apply TOK thinking to a real-life situation, while the TOK essay takes a more conceptual starting point: for example asking students to discuss the claim that the methodologies used to produce knowledge depend on the use to which that knowledge will be used. TOK is demanding and challenging course, but one which plays a crucial role in effectively preparing students for the complex and rapidly changing world they will encounter both during their DP experience and beyond. Satisfies UC/CSU entry requirements.

School Sites Available:

Royal

Course Length: Semester**Course Credit:** 5**Grade Level(s):** 11 - 12

Computer Education Courses

21st Century Marketing	Journalism II
Algebra I w/ Computer Programming	Personal Marketing & Media
Amateur Radio	Robotics and Engineering
AP Computer Science A	ROP Ad Graphic Design
AP Computer Science Principles	ROP Auto Tech
AP Research	ROP CAD/Design Honors
Computer Applications	ROP Digital Broadcasting
Computer Programming I	ROP Digital Media Honors
Computer Programming II	ROP Digital Video Prod Honors
Digital Photography I	ROP Engineering Honors
Digital Photography II	ROP Game Design
Entrepreneurship	ROP Robotics Tech
Exploring Computer Science	ROP Robotics Tech Honors
Graphics and Publication	Video Production I
IB Business and Management SL	Video Production II
IB Computer Science SL	Website Design
IB Film SL	Yearbook Design
Journalism I	

Practical Arts Courses

21st Century Marketing	IB Business and Management SL	ROP Engineering Honors
Algebra I w/ Computer Programming	IB Computer Science SL	ROP Food Srv/Hospitality
Amateur Radio	IB Sports Exercise/Health	ROP Food Srv/Hospitality Honors
AP Computer Science A	Journalism I	ROP Game Design
AP Computer Science Principles	Journalism II	ROP Intro Business
Applied Legal Studies	Leadership	ROP Intro Teaching
Athletic Injury	Library Practice	ROP Intro to Law
Athletic Management	Medical Terminology	ROP Law Enforcement Careers
Cabinet Construction	MHC Exploratory Internship	ROP Medical Terminology
Child Development	Office Practice	ROP Ornamental Horticult
College and Career Seminar	Parenting	ROP Robotics Tech
Computer Applications	Peer Tutoring	ROP Robotics Tech Honors
Computer Programming I	Personal Marketing & Media	ROP Sound Music Production
Computer Programming II	Piano	ROP Stagecraft
Digital Photography I	Robotics and Engineering	ROP Teacher Assistant A
Digital Photography II	ROP Ad Graphic Design	ROP Teacher Assistant B
Engineering Design	ROP Athletic Training A	Science Lab Assistant
Entrepreneurship	ROP Athletic Training B	Sports Medicine Certification
Exploring Computer Science	ROP Auto Body Repair	Teachers of Tomorrow
Family Living	ROP Auto Tech	Video Production I
Floriculture	ROP CAD/Design Honors	Video Production II
Food for Today	ROP Choreography	Website Design
Foods and Nutrition I	ROP Choreography Honors	Wood Design I
Foods and Nutrition II	ROP Criminal Justice	Wood Design II
Furniture Construction	ROP Digital Broadcasting	Woodshop Manager
Graphics and Publication	ROP Digital Media Honors	Work Experience
Home Furnishings	ROP Digital Video Prod Honors	Yearbook Design