

SVHS COURSE CATALOG



TABLE OF CONTENTS

1. GRADUATION REQUIREMENTS

2. SCOPE & SEQUENCE OF COURSES

3. COURSE DETAILS BY DEPARTMENT

<u>INTERDISCIPLINARY</u>	11
<u>ENGLISH</u>	13
<u>MATH</u>	17
<u>SCIENCE</u>	21
<u>SOCIAL SCIENCE</u>	26
<u>THEOLOGY</u>	31
<u>WORLD LANGUAGES</u>	34
<u>VISUAL & PERFORMING ARTS</u>	39
<u>PHYSICAL EDUCATION</u>	45



CLASS OF 2028 REQUIRED & RECOMMENDED COURSES FOR GRADUATION

	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ENGLISH	English	English	English	English
WORLD LANGUAGES	World Language	World Language	Recommended 3rd Year World Language	Recommended 4th Year World Language
MATH	Math	Math	Math	Recommended 4th Year of Math
THEOLOGY	Theology	Theology	Theology	Theology
SCIENCE	Science	Science	Science	Recommended 4th Year of Science
SOCIAL SCIENCE	Social Science	Social Science	Social Science	Social Science
VISUAL & PERFORMING ARTS	Optional VPA	*VPA	Optional VPA	Optional VPA
P.E. & INTER-DISCIPLINARY	Speech & Critical Thinking P.E.	Optional P.E.	Optional P.E.	Optional P.E.
		8 SEMESTERS OF ELECTIVE CREDITS		

* COURSE CAN BE TAKEN IN ANOTHER GRADE

CLASS OF 2028 AND BEYOND REQUIRED & RECOMMENDED COURSES FOR GRADUATION

	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ENGLISH	English	English	English	English
WORLD LANGUAGES	World Language	World Language	Recommended 3rd Year World Language	Recommended 4th Year World Language
MATH	Math	Math	Math	Recommended 4th Year of Math
THEOLOGY	Theology	Theology	Theology	Theology
SCIENCE	Science	Science	Science	Recommended 4th Year of Science
SOCIAL SCIENCE	Optional Social Science	Social Science	Social Science	Social Science
VISUAL & PERFORMING ARTS	Optional VPA	*VPA	Optional VPA	Optional VPA
P.E. & INTER-DISCIPLINARY	*P.E.	Optional P.E.	Optional P.E.	Optional P.E.
		8 SEMESTERS OF ELECTIVE CREDITS		

* COURSE CAN BE TAKEN IN ANOTHER GRADE

SUBJECT	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Humanities-English	English 9-Myths & Classics	English 10-World Literature (regular or honors) or AP Seminar	English 11: American Literature or AP Language and Composition.	English 12: Modern Literature or AP Literature and Composition
Humanities-History & Theology	Honors Ancient History & Scripture	World History (regular or honors) and Church History & Sacraments	US History (regular or AP) and Catholic Morality/Social Justice	US Government/ Economics (regular or honors) and Vocations or Advanced Theology Seminar
Humanities Electives			Introduction to Philosophy (sem), Business Management & Ethics, Expository Writing (sem), Creative Writing (sem)	
Math	Algebra I or II (regular or honors)	Geometry	Algebra II (regular or honors) or Precalculus (regular or AP)	Elective: AP Calculus AB or Statistics
Science	Conceptual Physics	Biology	Chemistry (honors or regular)	Elective
Science Electives			Physics, Environmental Science, Principals of Engineering, Computer and Information Technology, Forencsis, AP Biology, AP Chemistry, AP Physics 1, AP Computer Science Principals	
World Languages	Spanish 1 or Spanish II (regular or honors)	Spanish II or III (regular or honors)	Spanish III (regular or honors)	Spanish IV or AP Spanish Language & Culture
Interdisciplin ary	Speech, Academic Study Skills	Leadership		
Visual & Performing Arts	Art Appreciation: 2D Design, Drama I and II	Ceramics (sophomore+)	Drama I, II, III, Yearbook, Advanced Drawing, Advanced Painting, Advanced Sculpture, Art III, AP Art and Design, AP Art History	
PE & Other	Physical Education, Physical Education II, Study Hall			

**SERVICE
HOURS***100 approved Christian Service hours required***LEARNING
DEFENSE***Seniors and sophomores are required to complete a Learning Defense portfolio presentation.***COURSE
CREDITS**

St. Vincent de Paul College Prep awards credit for course grades of D- or better.

Seniors with an F in a class required for graduation will receive an email from the Counseling Department informing them that they may not graduate or participate in graduation activities, unless the failed class is made-up prior to graduation.

Our graduation requirements exceed those of the CSU/UC System.

GRADING SCALES

A 93-100%	B+ 87-89%	C+ 77-79%	D+ 67-69%	F 0-59%
A- 90-92%	B 83-86%	C 73-76%	D 63-66%	
	B- 80-82%	C- 70-72%	D- 60-62	

GPA EQUIVALENTS**General Course 4.0 System**

A: 4.00
 B :3.00
 C:2.00
 D: 1.00
 F No Credit

Honors/AP Course System

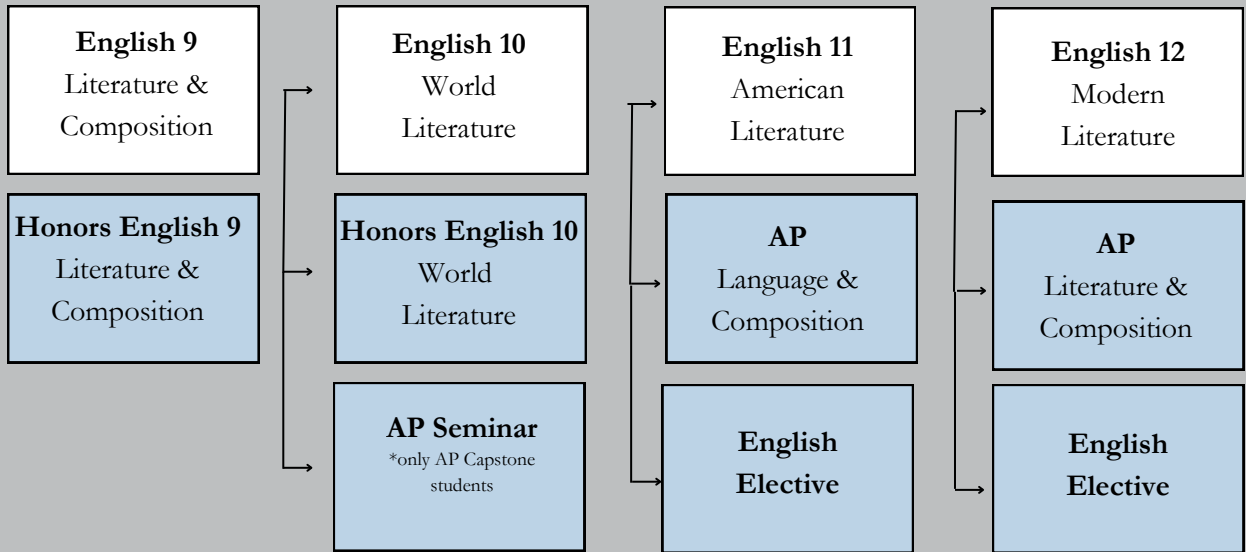
A: 5.00
 B :4.00
 C:3.00
 D: 2.00
 F No Credit

9TH GRADE

10TH GRADE

11TH GRADE

12TH GRADE



ENGLISH
ELECTIVES

Expository Writing

Creative Writing

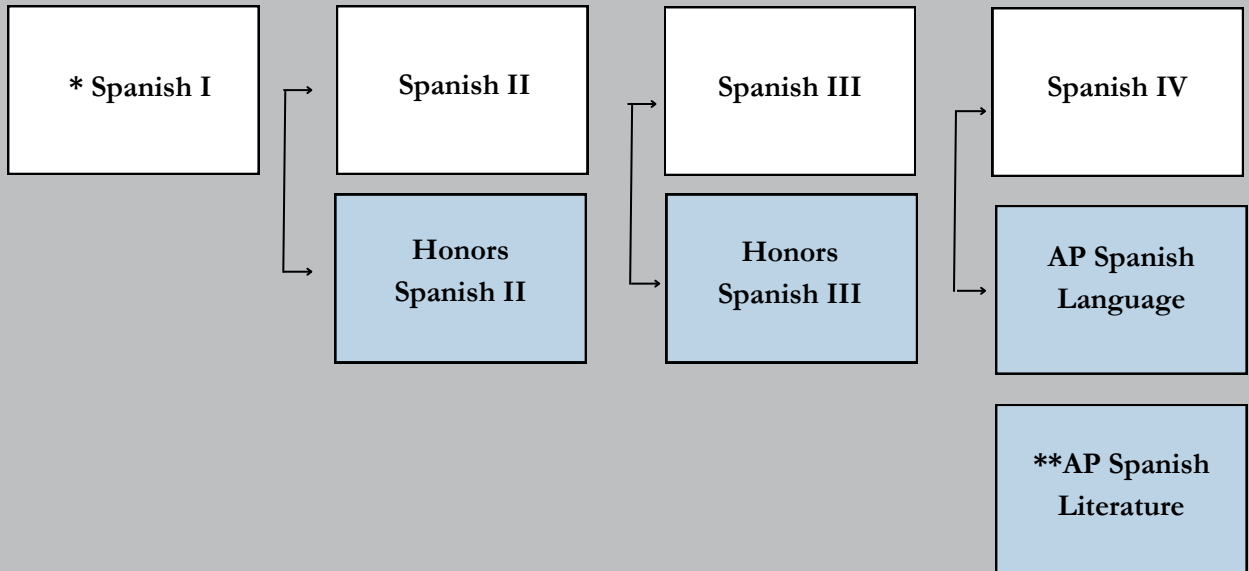
FOR ELIGIBLE STUDENTS

9TH GRADE

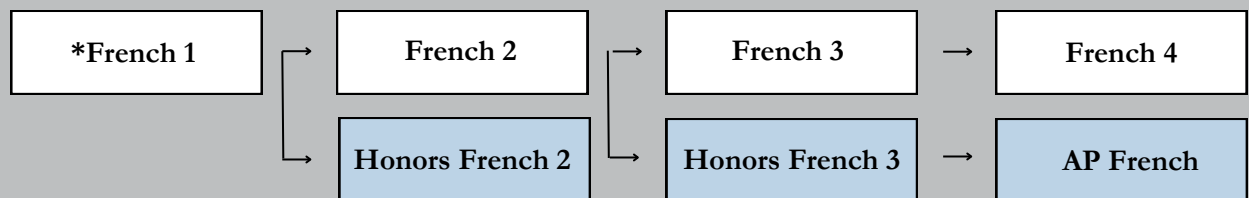
10TH GRADE

11TH GRADE

12TH GRADE



SPANISH



FRENCH



FOR ELIGIBLE STUDENTS

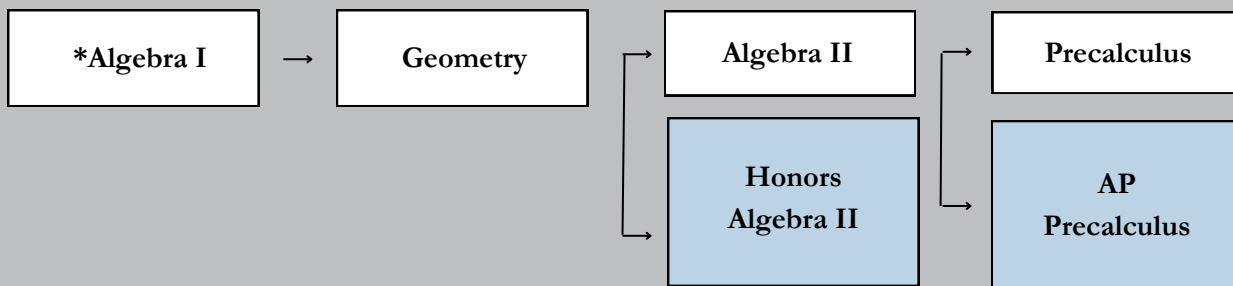
* Challenge test available
 ** AP Spanish Literature is only for students who have completed the entire Spanish sequence

9TH GRADE

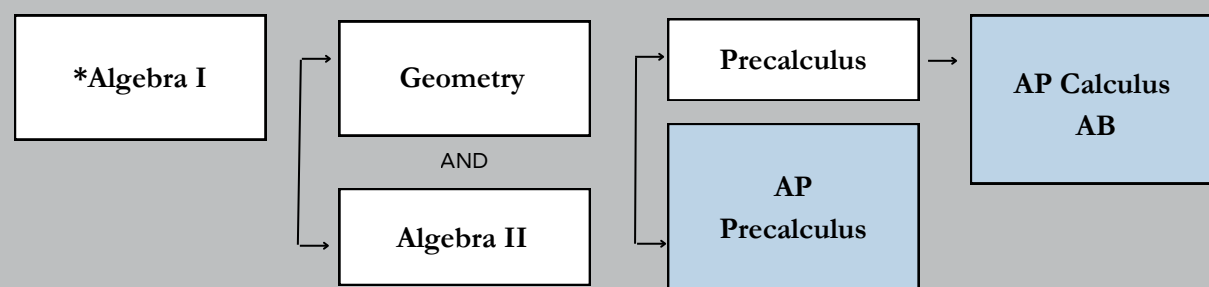
10TH GRADE

11TH GRADE

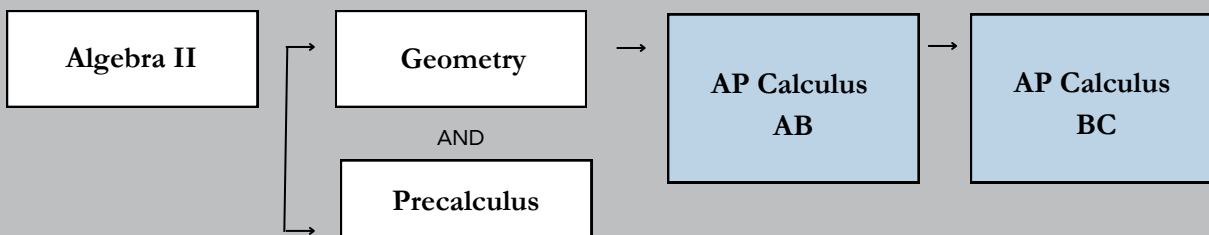
12TH GRADE



PATH 1 ONE COURSE PER YEAR



PATH 2 WITH DOUBLE MATH IN 10TH GRADE



PATH 3: ALGEBRA II START AND DOUBLE MATH

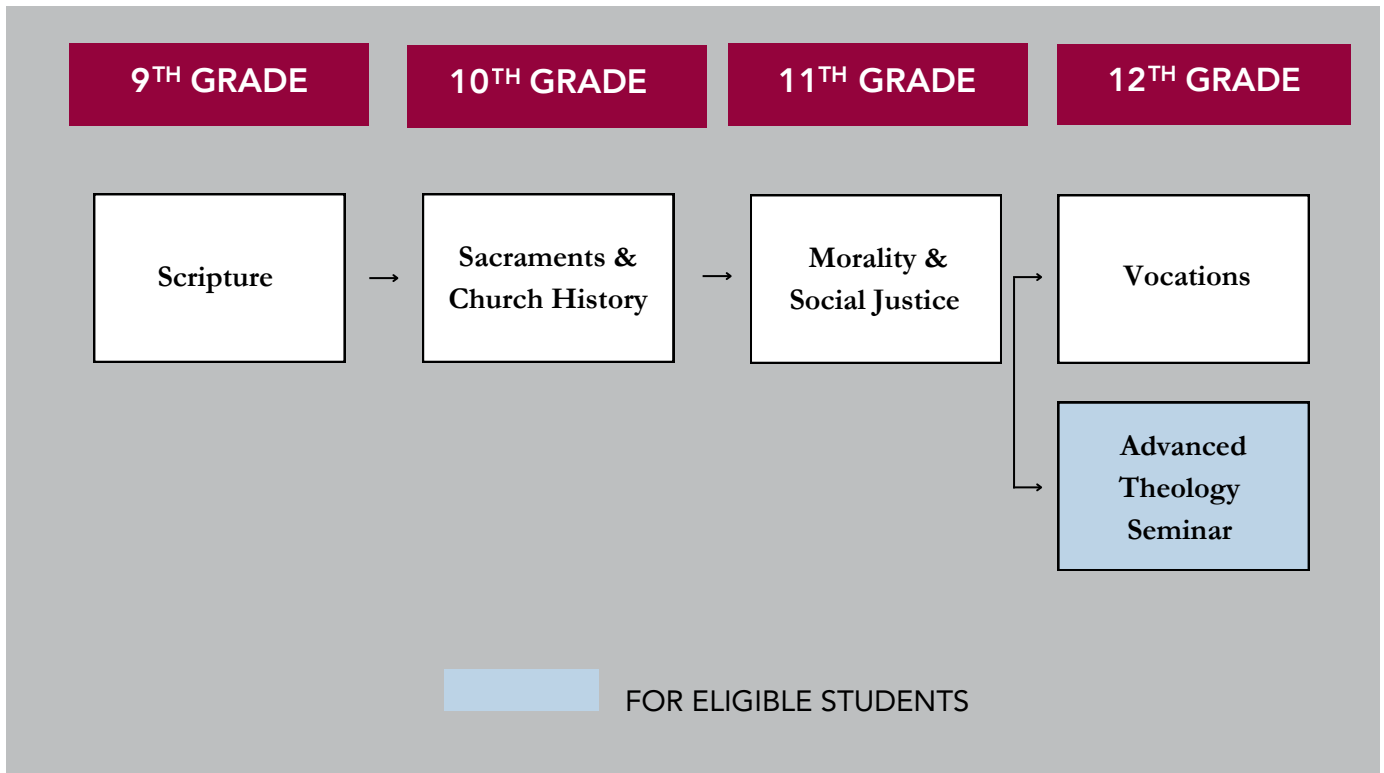
MATH
ELECTIVE

Statistics

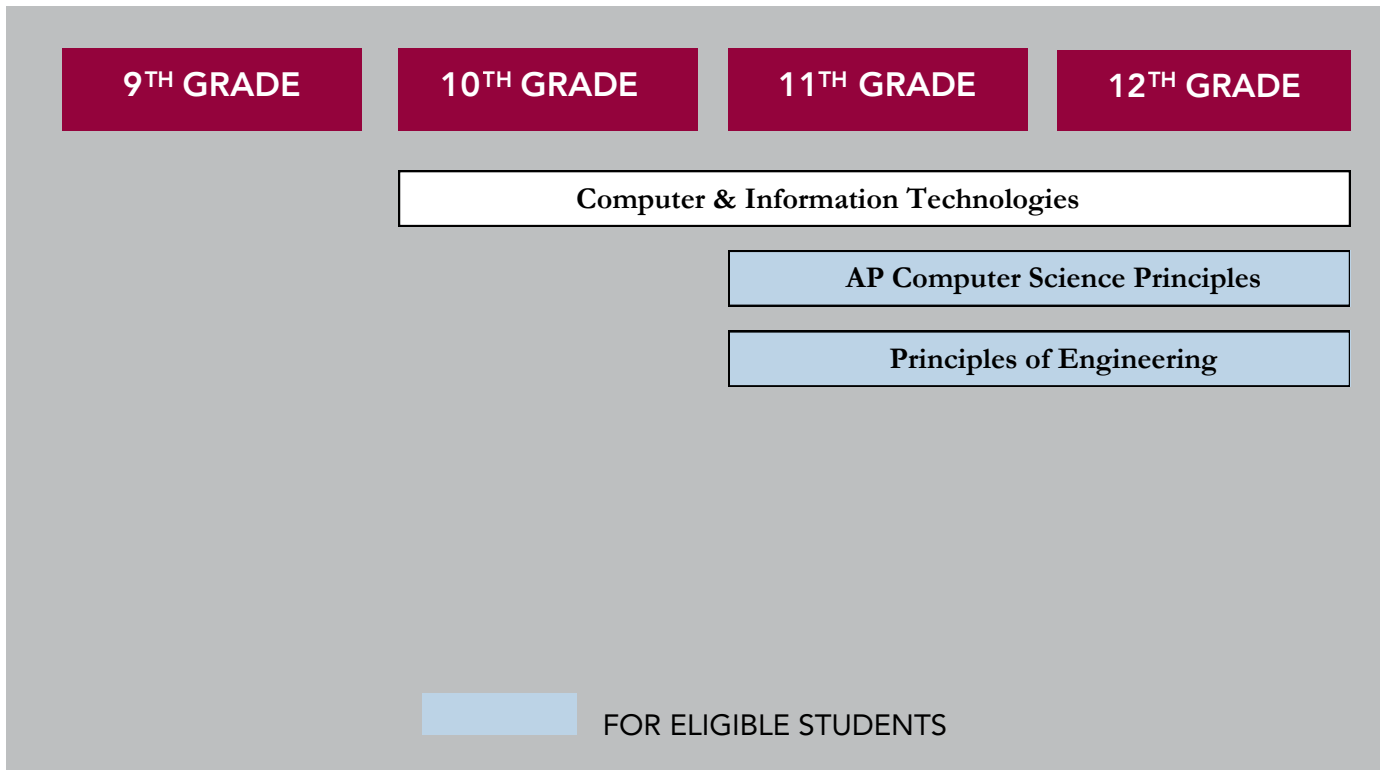
FOR ELIGIBLE STUDENTS

* Challenge test available or possible 8th grade enrollment

THEOLOGY SCOPE AND SEQUENCE



INFORMATION TECHNOLOGY SCOPE AND SEQUENCE

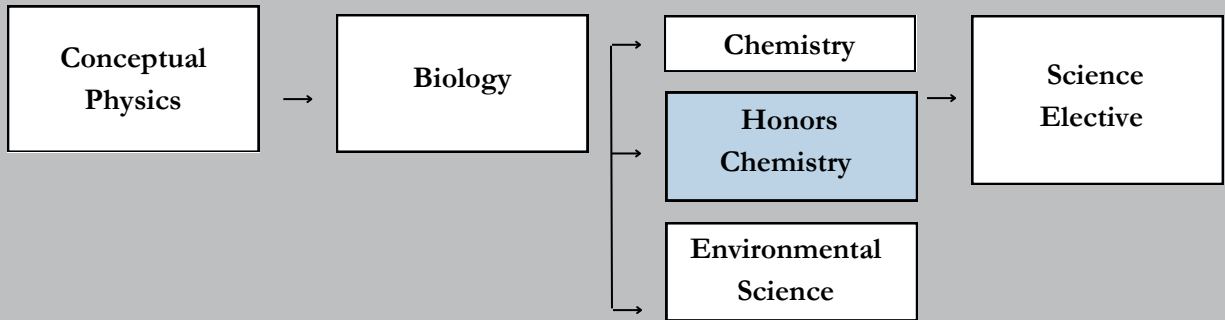


9TH GRADE

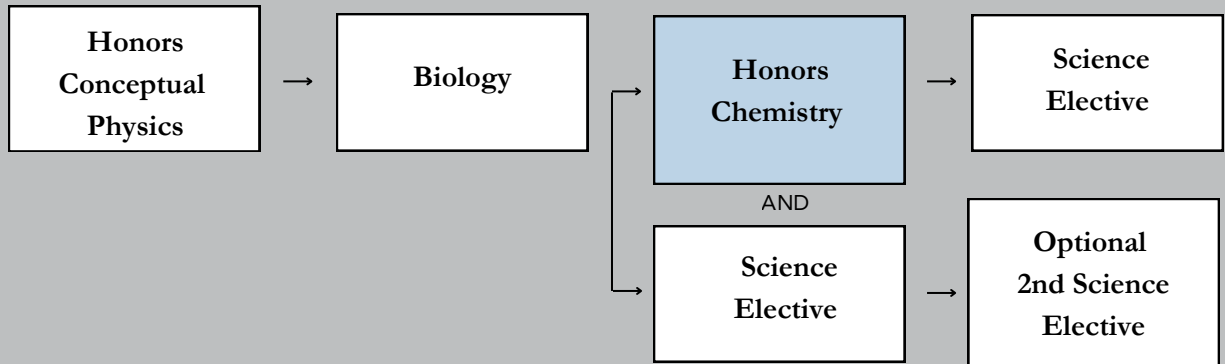
10TH GRADE

11TH GRADE

12TH GRADE



PATH 1: ONE COURSE PER YEAR



PATH 2: DOUBLE SCIENCE IN 11TH GRADE

SCIENCE
ELECTIVES

Environmental Science

AP Chemistry

AP Biology

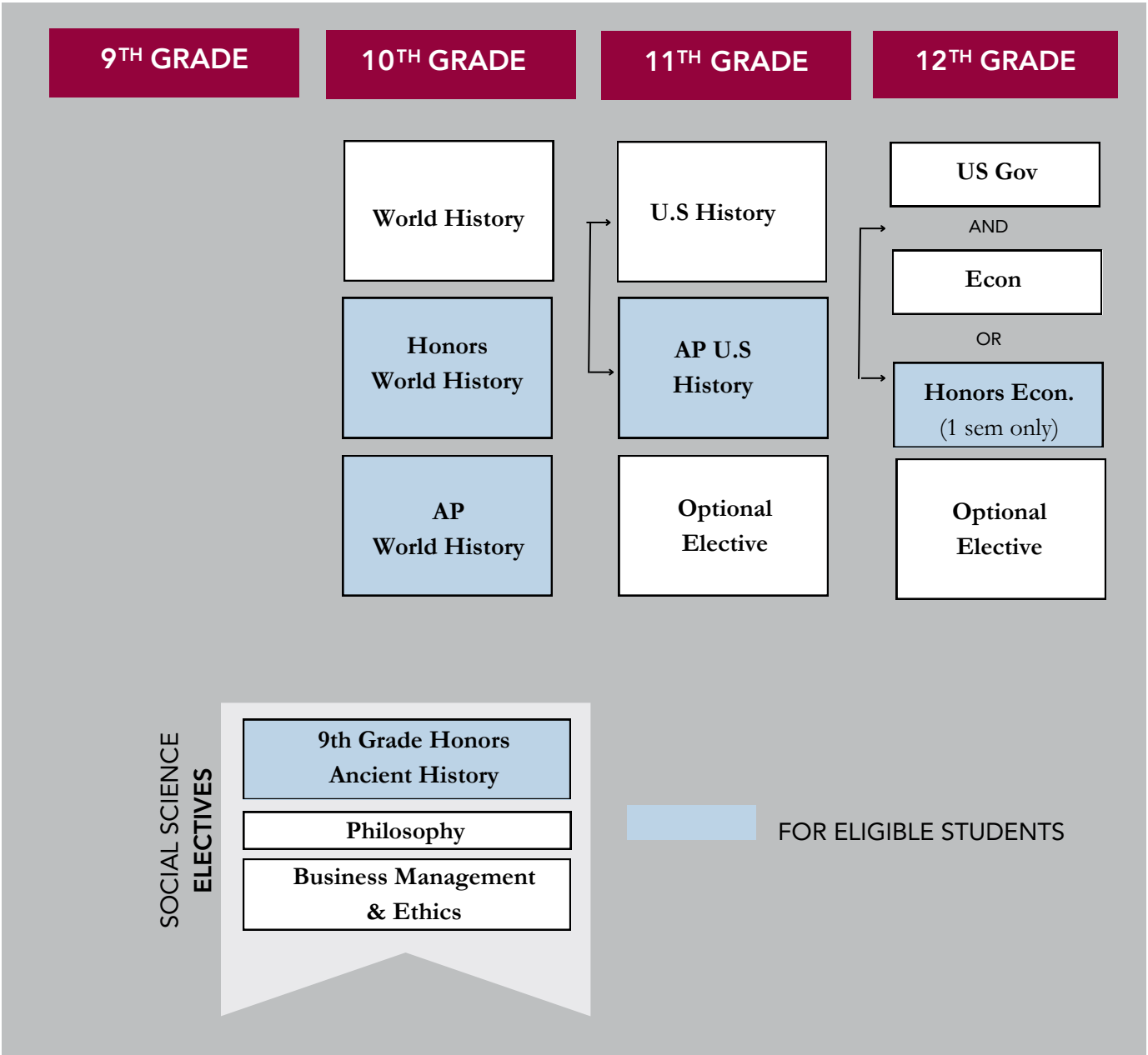
Physics

AP Physics 1

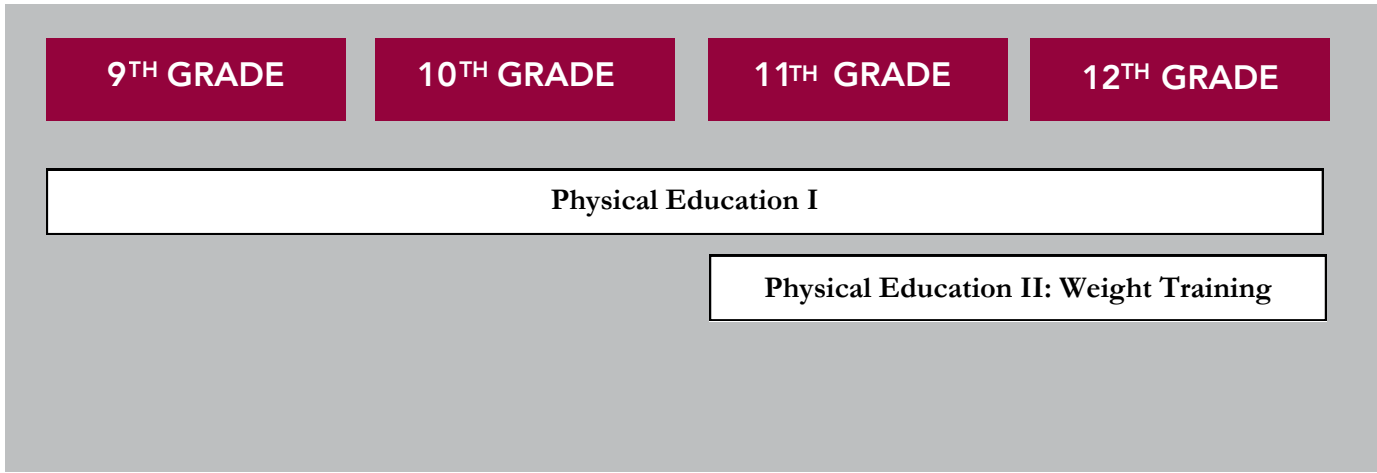
Forensics

FOR ELIGIBLE STUDENTS

SOCIAL SCIENCES SCOPE AND SEQUENCE



PHYSICAL EDUCATION SCOPE AND SEQUENCE



9TH GRADE10TH GRADE11TH GRADE12TH GRADE

Jazz Ensemble I, II

Choir I, II, III, IV

Recording Arts

Music Fundamentals

MUSIC

Art I: Intro. to
2-D DesignArt II:
DrawingArt III: Advanced
2-D or 3-D DesignArt II:
PaintingAP Art &
Design 2D or 3D

Ceramics

Art II:
Sculpture

AP Art History

Yearbook- Photojournalism

VISUAL ARTS

Drama I, II, III, IV

Video Journalism

ACTING

 FOR ELIGIBLE STUDENTS

INTERDISCIPLINARY

ACADEMIC STUDY SKILLS

Grade: 9

Prerequisites: None.

Length: 1 Year

Meets: UC Approval In Process

Description: Academic study skills is a course intended for students who need targeted support with academics. Students will learn ways to improve executive function, digital organization, tech skills, research techniques, note taking and sharpen study skills.

LEADERSHIP

Grade: 9-12

Prerequisites: Class Election or instructor approval

Length: 1 Year- 1 Semester of UC Credit

Meets: UC & CSU A-G (G)

Description: Leadership is a project-based course aimed at increasing students' capabilities that enhance school pride, spirit and culture. The purpose of leadership class is to increase school culture and spirit through a variety of social and academic events. This includes mastery in the following core leadership skills: communication, planning, organization, creativity, confidence, persistence, authenticity, empathy, service, professionalism, and public speaking.

ADVANCED PLACEMENT RESEARCH

Grade: 11

Prerequisites: Members of AP Capstone program

Length: 1 Year- 1 Semester of UC Credit

Meets: UC & CSU A-G (G)

Description: AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$147 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

ADVANCED PLACEMENT SEMINAR

Grade: 10

Prerequisites: Acceptance into AP Capstone Program, 3.7 GPA in both Speech & Critical Thinking and Honors English 9

Length: 1 Year-Alternate to English 10

Meets: UC & CSU A-G (G)

Description: The AP Seminar course is intended for students on the path to earning their AP Capstone diploma. Students will continue on with AP Research as an elective in their Junior year and are expected to pass 4 other AP examinations.

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$147 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

SPEECH & CRITICAL THINKING

Grade: 9

Prerequisites: None.

Length: 1 Year- Required

Meets: UC & CSU A-G (G)

Description: Speech and Critical Thinking is an introduction to the verbal skills and thinking strategies essential to communicating effectively. Students will develop self-confidence, while overcoming the fear of public speaking. They will learn how to use body language and tone to engage an audience, how to craft remarks based on varied subject matter and context, and how to employ rhetorical techniques to command attention. They will also learn the fundamentals of academic research and interpretation and be provided with the foundations to skillfully navigate our modern informational and social media landscape to maximize their academic success in all disciplines.

COLLEGE ADVISORY

Grade: 12

Prerequisites: None.

Length: 1 Semester

Description: This college advisory course is designed to guide students through the complex process of college applications. Each 45-60 minute session begins with a brief 10-15 minute discussion on various aspects of college admissions, providing valuable insights and tips. The majority of class time is then dedicated to hands-on work, where students actively complete different components of their college applications. Throughout the course, students will tackle personal statements, supplemental essays, activity lists, and other crucial elements of their applications. This course aims to demystify the application process, reduce stress, and help students present their best selves to potential colleges.

ENGLISH

Graduation Requirement: 4 Years.
UC A-G Recommendations: 4 Years.

ENGLISH 9: LITERATURE & COMPOSITION

Grade: 9 **Prerequisites:** None. **Length:** 1 Year-Required. **Meets:** UC & CSU A-G (G)

Description: This Freshman English course is designed to introduce students to various literary genres and to help them develop their reading, writing, and thinking skills. Students will study short stories, novels, poetry, drama, mythology and epics. Initial writing instruction will focus on displaying comprehension of thematic content, developing clear thesis statements and using evidence to support claims. Further exercises will help students develop reading, thinking, and writing strategies for critical and creative analysis. Formal essays will stem from both the literature and class discussions.

HONORS ENGLISH 9: LITERATURE & COMPOSITION

Grade: 9 **Prerequisites:** Minimum 93% grade in English 8
Length: 1 Year-Required, Alternate to English 9 **Meets:** UC & CSU A-G (G)

Description: This Honors Freshman English course is a more rigorous version of English 9, with a more systematic study of canonical literary works. Students will develop critical and creative thinking skills, and close reading strategies to be able to analyze literature from multiple genres, periods, and cultures. This course will also place emphasis on varying and strengthening writing skills, for it is expected that students are already proficient in essay writing and can demonstrate fairly strong literary criticism skills. Students who demonstrate a genuine commitment to learning and sensitivity to literature will benefit from this advanced program of study.

ENGLISH 10: WORLD LITERATURE

Grade: 10 **Prerequisites:** None. **Length:** 1 Year-Required. **Meets:** UC & CSU A-G (G)

Description: This Sophomore English course is designed to expose students to literature of the world. Titles will represent narrative voices from both western and non-western literature, with an eye toward exploring historical and cultural context and developing greater global awareness and sensitivity. The course will cover poetry, drama, prose, and novels from multiple periods, but will be focused on more contemporary texts. Students will continue to write both analytically and creatively and develop the skills needed for communication beyond the high school classroom.

HONORS ENGLISH 10: WORLD LITERATURE

Grade: 10

Prerequisites: yearlong grade of A or better in English 9 or A- or better in Honors English 9

Length: 1 Year-Required-alternate to English 10

Meets: UC & CSU A-G (G)

Description: This Honors Sophomore English course is a more rigorous version of English 10 designed to expose students to literature of the world. Titles will represent narrative voices from both western and non-western literature, with an eye toward exploring historical and cultural context and developing greater global awareness and sensitivity. The course will cover poetry, drama, prose, and novels from multiple periods, but will be focused on more contemporary texts. Students will continue to write both analytically and creatively and develop the skills needed for communication beyond the high school classroom.

ENGLISH 11: AMERICAN LITERATURE

Grade: 11

Prerequisites: none

Length: 1 Year-Required

Meets: UC & CSU A-G (G)

Description: This Junior English course is a survey course designed to cover some of the most important works in our literary heritage, with a focus on the development of the American novel, short story, and poetry. Through representative works of various authors from the Puritan days to the twentieth century, students will observe the growth and development of a distinctly American voice in literature. Practice in a variety of essay structures, creative assessments, and vocabulary study will continue and amplify what students learned in both English 9 & 10.

ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION

Grade: 11

Prerequisites: yearlong grade of A or better in English 10 or A- or better in H English 10 or AP Seminar.

Length: 1 Year-Required-alternate to English 11

Meets: UC & CSU A-G (G)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

This advanced placement course will focus on the expository writing skills that students will need to excel in all college courses. Students will explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. They will learn how to write within time limits and how to edit their own work. Literary essays, articles, and other non-fiction texts will be read and discussed in class, as will the points of grammar and usage.

ENGLISH 12: MODERN LITERATURE

Grade: 12

Prerequisites: English 11

Length: 1 Year-Required

Meets: UC & CSU A-G (G)

Description: This Senior English course surveys nineteenth and twentieth century literature from around the world, with an emphasis on contemporary texts. It will be run seminar style and students will be exposed to short stories, poetry, drama, and novels via independent reading and lively class discussions. Reading, writing and thinking skills will be developed through a series of papers, presentations, and creative thinking assessments. And students will be encouraged to develop agency and to drive their own learning according to their individual learning styles.

ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION

Grade: 12

Prerequisites: yearlong grade of A or better in English 11 or A- or better in AP Language & Composition

Length: 1 Year-Required-alternate to English 12

Meets: UC & CSU A-G (G)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

This advanced placement course will focus on the analytical reading, writing and thinking skills that students will need to excel in college Humanities courses. The content of the course will survey canonical 19th and 20th century literature and will include: short stories, poetry, drama, and novels. Students will also be introduced to literary theory and discursive strategies. Critical skills of exposition and analysis will be developed through a series of papers, presentations, and creative thinking assessments.

EXPOSITORY WRITING

Grade: 11 or 12

Prerequisites: Grade of B or better in current English class and/or instructor approval

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: This English elective will further develop students' expository writing skills and delve into subject matter of personal interest. The class will be run as a writer's workshop, requiring students to both participate in rigorous peer crits and student teach. Students will explore different writing styles, research techniques, and argumentation skills. Literary essays, articles, and other non-fiction texts will be read and discussed, as will the points of grammar and usage.

CREATIVE WRITING

Grade: 11 or 12

Prerequisites: Grade of B or better in current English class and/or instructor approval

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: This elective will expose students to creative writing in a more focused way through short stories, poetry, song lyrics and other art mediums. The class will be run as a writer's workshop, requiring students to both participate in rigorous peer crits and student teach. Each student will also have an editorial and design role in the production of the school literary arts magazine, Amused, and will be encouraged to submit work of their own for publication.

MATHEMATICS

Graduation Requirement: 3 Years, 4 recommended.
UC A-G Recommendations: 3 Years required, 4 years recommended.

ALGEBRA I

Grade: 9

Length: 1 Year-Required

Prerequisites: Placement exam analysis.

Meets: UC & CSU A-G (C)

Description: Algebra I is the study of the axioms and theorems of the real number system. Topics covered in this course include properties of equations, inequalities, graphing, functions, systems of linear equations, operations with polynomials, quadratics, rational and radical expressions. Students will learn to model real world situations through the use of word problems, thus facilitating the development of the students' problem solving and critical thinking skills. In addition to providing students with a complete study of the first year of Algebra concepts, this course will prepare students for their future mathematics courses.

GEOMETRY

Grade: 9-12

Length: 1 Year-Required

Prerequisites: Minimum grade of C- in 2nd semester of Algebra I

Meets: UC & CSU A-G (C)

Description: This is a one-year course in Euclidean geometry. The course includes an analysis of plane, solid, and coordinate geometry as they relate to abstract mathematical concepts as well as real world problem situations. Students will be introduced to inductive and deductive reasoning, including two-column proofs. Emphasis will be placed on developing critical thinking skills. Areas of study include logic and proof, parallel lines, polygons, circles, perimeter and area, volume and surface area, congruence & similarity, transformations, constructions, and an introduction to trigonometry.

ALGEBRA II

Grade: 10-12

Prerequisites: Minimum grade of C- in 2nd semester of Algebra I

Length: 1 Year-Elective

Meets: UC & CSU A-G (C)

Description: This is the study of intermediate topics in Algebra, which incorporates a review of Algebra I, and includes equations of multiple variables, properties of polynomials and rational expressions, and their graphs and applications. The course will cover the study of functions, complex numbers, conics, exponential and logarithmic functions, and probability. Word problems will be incorporated to enhance the student's problem solving skills in relation to new topics covered and at a level of complexity beyond that of beginning Algebra.

HONORS ALGEBRA II

Grade: 10-12

Prerequisites: Minimum grade of B+ in 2nd semester of Algebra I or instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (C)

Description: This is the study of intermediate topics in Algebra, which incorporates a review of Algebra I, and includes equations of multiple variables, properties of polynomials and rational expressions, and their graphs and applications. This Honors course explores topics in more depth and examines more challenging aspects of the Algebra curriculum. Analysis and critical thinking will be stressed. Success in this course will prepare the student for the study of advanced mathematical topics.

PRECALCULUS

Grade: 11-12

Prerequisites: Minimum grade of B- in 2nd semester of Algebra II or C in second semester of Honors Algebra II

Length: 1 Year-Elective

Meets: UC & CSU A-G (C)

Description: The student will study functions as a preparation for calculus. The topics covered will include trigonometric, rational, polynomial, exponential, and logarithmic functions. The course studies graphing each of these functions and integrates the use of graphing calculators. Other topics will include, but not be limited to, analytic geometry, limits, and matrices. A graphing Calculator is required for this class. TI 83 or 84 is recommended.

ADVANCED PLACEMENT PRECALCULUS

Grade: 10-12

Prerequisites: Minimum grade of A in 2nd semester of Algebra II or minimum grade of B in 2nd semester of Honors Algebra II with teacher approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (C)

Description: AP Pre-Calculus will prepare students for taking the AP Exam in Pre-Calculus and AP Calculus AB the following year. The course includes topics from the function point of view, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning skills when modeling and solving mathematical and real-world problems. Students work with various Algebra and Trigonometric functions and their multiple representations. AP Pre-Calculus will cover all content areas in Pre-Calculus, and will be supplemented with problem solving applications from the College Board following closely the AP Exam's format. Concepts will be studied more in-depth and assignments will include higher-order thinking skills. Students will be presented with problems which assess not only comprehension, but applications, analysis, and synthesis as well. A Ti-83 or Ti-84 Calculator is required for taking this course.

All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

ADVANCED PLACEMENT CALCULUS AB

Grade: 11-12

Length: 1 Year-Elective

Prerequisites: Instructor approval.

Meets: UC & CSU A-G (C)

Description: *All students enrolled in AP classes without an equal college prep version available are required to take the AP exam. After opting in, parents will be charged the \$97 exam fee on the 1st of November or they must communicate the need for a partial waiver fee prior to that date.*

This is a full-year course in differential and integral calculus that is equivalent to one semester of college calculus. Emphasis is placed on developing the concepts of calculus, and applying these concepts to the analysis of problems. Students study calculus from four perspectives: algebraic, graphical, numerical, and verbal. The course is designed to prepare the students for the Advanced Placement Calculus AB exam in May. A graphing calculator is required. TI 83 or 84 is required.

All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

STATISTICS

Grade: 11-12

Prerequisites: Minimum grade of C in Geometry and C in Algebra II.

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: This is a one-year course in elementary statistics, designed to prepare students for a first-year college statistics course. Topics include data collection, categorical and quantitative data, appropriate graphing skills, descriptive statistics, correlation and regression, experimental design, probability, hypothesis testing, and confidence intervals. There is a heavy emphasis on real world examples and the ability to think critically. A graphing calculator with statistics functions, either a Texas Instruments model TI-83, or TI-84 series, is required for this class. Students will have access to an online statistical software package.

MATH LAB

Grade: 9-11, Elective, Credit/No Credit

Prerequisites: Placement exam analysis, enrollment in non-honors, non-AP math course.

Recommendations: C- or below in previous math classes, struggling. incurrent math class.

Description: This is the study of intermediate topics in Algebra, which incorporates a review of Algebra I, and includes equations of multiple variables, properties of polynomials and rational expressions, and their graphs and applications. The course will cover the study of functions, complex numbers, conics, exponential and logarithmic functions, and probability. Word problems will be incorporated to enhance the student's problem solving skills in relation to new topics covered and at a level of complexity beyond that of beginning Algebra.

SCIENCE

UC A-G Recommendations: Two years of college-preparatory science, including or integrating topics that provide fundamental knowledge in two of these three subjects: biology, chemistry, or physics. Computer Science, Engineering, Applied Science courses can be used in area D as an additional science (ie., third year and beyond).

CONCEPTUAL PHYSICS

Grade: 9

Prerequisites: Concurrent enrollment in Algebra I or above.

Length: 1 Year-Required

Meets: UC & CSU A-G (D)

Description: Conceptual Physics is a one-year course designed to ignite interest in the physical sciences. Course materials are presented in an engaging narrative, with connections to the Algebra 1 curriculum. The key concepts are reinforced and explored through hands-on laboratory work. The labs will follow the scientific method of observing, forming hypotheses, collection of data, analysis of data, and drawing of conclusions. Basic algebra, statistics, and graphing skills will be a frequent component in the analysis of data. The topics covered will contain a survey of: motion and energy, the atomic nature of matter, thermodynamics, wave phenomena, and electricity and magnetism.

HONORS CONCEPTUAL PHYSICS

Grade: 9

Prerequisites: Concurrent enrollment in Algebra 2 or above.

Length: 1 Year-Required

Meets: UC & CSU A-G (D)

Description: Honors Conceptual Physics is designed to engage Algebra 2 students by applying advanced algebra skills to physics concepts. The key concepts are reinforced and explored through hands-on laboratory work. The labs will follow the scientific method of observing, forming hypotheses, collection of data, analysis of data, and drawing of conclusions. Basic algebra, statistics, and graphing skills will be a frequent component in the analysis of data. The topics covered will contain a survey of: motion and energy, the atomic nature of matter, thermodynamics, wave phenomena, and electricity and magnetism.

BIOLOGY

Grade: 10-11

Prerequisites: Conceptual Physics or concurrent enrollment in conceptual physics.

Length: 1 Year-Required

Meets: UC & CSU A-G (D)

Description: Biology is a college preparatory lab course featuring an overview of life science. It includes the fundamentals of scientific theory, basic biochemistry, cell structure and function, cellular respiration and photosynthesis, genetics, protein synthesis, evolution, ecology, and human reproduction.

CHEMISTRY

Grade: 11-12

Prerequisites: Conceptual physics and enrollment in Algebra II, minimum grade of C+ in Biology and C+ in Geometry.

Length: 1 Year-Required or alternate with another 3rd year science course.

Meets: UC & CSU A-G (D)

Description: Chemistry is a college preparatory course that studies matter, its properties and the changes it undergoes. This introduction to chemical concepts includes formula naming, atomic structure, gas laws, solutions, equilibria, redox, acid-based interactions and stoichiometry. The laboratory emphasizes scientific method and measurement, experimentation with data collection and application of chemical principles to everyday life.

HONORS CHEMISTRY

Grade: 11-12

Prerequisites: Enrollment in Algebra II, minimum grade of B+ in Geometry and B+ in Biology.

Length: 1 Year-Required or alternate with another 3rd year science course.

Meets: UC & CSU A-G (D)

Description: Honors Chemistry is a laboratory science offered to students in their Junior or Senior year. Students in this course attain a greater depth of understanding of chemistry fundamentals and a reasonable competence in dealing with chemical problems. The course includes the study of atomic structure, nomenclature, chemical reactions and equations, stoichiometry, thermochemistry, chemical bonding and molecular structures. Additional topics include the study of gasses, liquids and solids, properties of solution, chemical kinetics and equilibrium, acid-base theory, thermodynamics, oxidation and reduction, and electrochemistry. It is an important foundation course for science majors.

ADVANCED PLACEMENT BIOLOGY

Grade: 11-12

Prerequisites: Minimum grade of A- in Biology and A- in Chemistry or concurrent enrollment in Honor's Chemistry or instructor's approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (D)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

Advanced Placement Biology is a college-level biology course. Students will cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Students will develop science practice skills such as using models, scientific questioning, and data analysis. Heavy emphasis is placed on laboratory activities.

ADVANCED PLACEMENT CHEMISTRY

Grade: 11-12

Prerequisites: B+ or better in Honors Chemistry or A- or better in Chemistry; concurrent enrollment in precalculus, AP Precalculus or AP Calculus AB or instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (D)

Description: All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

Advanced Placement Chemistry is an accelerated lab course designed to prepare the student for successful completion of the Advanced Placement Exam in Chemistry. It will provide a review of Honors Chemistry, as well as an in-depth study of chemical equilibria, kinetics, acid-base reactions, electrochemistry, entropy and the basics of organic and nuclear chemistry.

PHYSICS

Grade: 11-12

Prerequisites: Minimum grade of B in Algebra II or B- in Honors Algebra II, completion of Chemistry or Honors Chemistry with a grade of C or above.

Length: 1 Year-Elective

Meets: UC & CSU A-G (D)

Description: Physics is a college preparatory laboratory course. The course of study is a comprehensive survey of physical science topics that includes, but is not limited to, vectors, mechanics, waves, light, sound, electricity and magnetism. Both concepts and application of math skills are integrated with hands-on labs for understanding these topics.

ADVANCED PLACEMENT PHYSICS 1

Grade: 11-12

Prerequisites: B+ or better in Honors Chemistry or A- or better in Chemistry; concurrent enrollment in AP Precalculus or Calculus or instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (D)

Description: All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

Advanced Placement Physics 1 is a college level Algebra/Trigonometry based course following a college text. This course examines Newtonian mechanics, including rotational dynamics and angular momentum, work, energy, power, mechanical waves and sound. It will also introduce electric circuits. The emphasis of the course is applying knowledge and skills to the practice of scientific inquiry and reasoning. Hands-on, open-ended laboratories are a major component of this course.

ENVIRONMENTAL SCIENCE

Grade: 10-12

Prerequisites: Algebra I and 1 year of a lab science.

Length: 1 Year-Elective; Required for students who do not take Chemistry

Meets: UC & CSU A-G (D)

Description: Environmental science is an interdisciplinary study that provides students with the scientific principles, concepts and methodologies required to understand human impact on the world. The student will gain a historical perspective to appreciate economic and political realities, learn to recognize the role played by different social experiences and ethical backgrounds, and finally, integrate these concepts with the science that describes the natural world and how humans affect it. The major units of the course are: 1) environmental interrelationships, 2) ecological principles and their application, 3) energy, 4) human influences on ecosystems, and 5) pollution and environmental policy. Wherever possible, the course will focus on examples in California that more closely relate to the students' own experiences.

COMPUTER INFORMATION TECHNOLOGIES

Grade: 10-12

Prerequisites: B- or better in Algebra I.

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: This course will give students a full year introduction to computers and software. The first semester of the course will familiarize students with common computer hardware, applications and utilities, as well as the basics of cyber-security, privacy and online etiquette. The second semester will provide an overview of software development including programming, project management, and software testing. A survey of the most common programming languages and the situations where they are most effectively applied will also be covered.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Grade: 11-12

Prerequisites: Algebra II with a B- or better

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

PRINCIPLES OF ENGINEERING

Grade: 11-12

Prerequisites: Completion of Algebra II, or concurrent enrolled in Honors Algebra II.

Length: 1 Year-Elective; Required for students who do not take Chemistry

Meets: UC & CSU A-G (D)

Description: This course is designed to help students explore a myriad of fields in engineering and engineering technology. Exploring various technology systems and manufacturing processes will help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit society. The course also incorporates the social and political consequences of technological change.

FORENSICS

Grade: 11-12

Prerequisites: Completion of Conceptual Physics and Biology

Length: 1 Year-Elective

Meets: UC & CSU A-G (D)

Description: A full year introduction to the field of Forensic Science, which is the application of science (Chemistry, Physics, and Biology) to the criminal and civil laws that are enforced by police agencies within the criminal justice system. It is an inquiry-rich integrated science that emphasizes critical thinking and problem solving with real-world forensic science methodologies. The course will introduce the students to crime scene investigation, including photographing of the crime scene, collection and preservation of evidence, analysis of hair, fibers, textiles, and soils, casts and impressions, ballistics, fingerprint techniques and comparisons include: rolling of prints, pattern identification, and various classification systems.

SOCIAL SCIENCE

Graduation Requirement: 4 Years required.

UC A-G Recommendations: 2 Years required, World History and US History

HONORS ANCIENT HISTORY

Grade: 9

Length: 1 Year-Alternate to Ancient History

Prerequisites: None

Meets: UC & CSU A-G (A)

Description: This course is a survey of human civilization and its development from the end of the Paleolithic Era to the fall of the Roman Empire. Focusing on the "big picture" development of civilizations around the world, the fall semester chronicles the development of civilizations along the rivers and waterways of Mesopotamia, Egypt, India, and China throughout the Bronze Age. The spring semester continues the fall semester's studies with insights into the Classical Greek and Roman world. Emphasis in this class seeks for a broad focus and understanding of historical evidence, coupled with the development of research skills and academic expression.

WORLD HISTORY

Grade: 10

Length: 1 Year-Required

Prerequisites: None

Meets: UC & CSU A-G (A)

Description: World History is designed to increase your understanding of the history of the world. The course will begin with the Development of Democracy in Greece (2000 BC - 70 AD), continue through the Rise of Napoleon Bonaparte (1799 – 1812), and finish with the completion of the Second World War (1945). We will observe history through the global viewpoint focusing on the formation of major world cultures. Chief among these will be Greece, Rome, Persia, India, Islam, Renaissance Europe, and the Protestant Reformation.

HONORS WORLD HISTORY

Grade: 10

Prerequisites: Yearlong grade of A or better in Speech & Study Skills as well as Scripture, or A- or better in Honors Ancient History

Length: 1 Year-Alternate to World History

Meets: UC & CSU A-G (A)

Description: This Social Studies course is a chronological civilization based approach to the world's most significant cultures. The term 'significant' is meant to highlight those civilizations that have had the greatest impact on the formation of the modern day world as well as those major non-western societies which are now entering our global consciousness. It is important in this course to focus upon the 'Big Picture.' This approach will better serve our survey of various cultures and events. Emphasis is placed on the changes and interactions within and between cultures, the similarities and dissimilarities of cultural shifts and developments over time. The culmination of this course's study prepares students for college level research writing through a 9-12 page research paper conducted according to Chicago-style formatting on a topic of critical historical significance, utilizing a combination of primary, secondary, and tertiary sources.

U.S. HISTORY

Grade: 11

Length: 1 Year-Required

Prerequisites: None

Meets: UC & CSU A-G (A)

Description: United States History is a year-long course and students will explore the grand sweep of U.S. history—from the cultures of the very first indigenous Americans through the 21st century. The overall goal of this course is to make U.S. history “come alive” by studying the stories of Americans, both big and small. In addition, history should be made relevant and encourage critical thinking about the past and the present. Finally, students will be encouraged to become active citizens as a result of taking United States History.

ADVANCED PLACEMENT U.S. HISTORY

Grade: 11

Prerequisites: Yearlong grade of A or better in World History or A- or better in H/AP World History and Summer Assignment.

Length: 1 Year-Required-Alternate to U.S. History

Meets: UC & CSU A-G (A)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

The AP U.S. History course focuses on developing students' understanding of U.S. History from 1491 to the present. The course has students investigate the content of U.S. History for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. There is a summer reading and writing assignment.

U.S. GOVERNMENT

Grade: 12

Length: 1 Semester-Required

Prerequisites: None

Meets: UC & CSU A-G (A)

Description: This course begins by comparing different forms of government and focuses on the United States Constitution and our political decision-making process. We will explore the principles of democracy, the three branches of American government, politics, law and individual rights. Students will gain a working knowledge of the American government and be able to appreciate their role as politically-aware citizens.

ECONOMICS

Grade: 12

Length: 1 Semester-Required

Prerequisites: None

Meets: UC & CSU A-G (A)

Description: This is the study of how people make choices between their unlimited wants and needs versus their limited resources. Students will learn how the individual and the corporation function within a mixed economy. Market principles of supply and demand will be used to formulate a mock corporation and gear class discussions. Economics will also focus on current economic conditions such as the gas crisis and fiscal responsibility.

INTRODUCTION TO PSYCHOLOGY

Grade: 11-12

Length: 1 Semester-Elective

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: This introductory course provides a broad overview of the field of psychology. Emphasis is placed on psychological disorders and their treatments. Because the subject of psychology is so richly represented in film, students will have the opportunity to learn about psychology through watching and analyzing films that deal with psychological disorders.

HONORS ECONOMICS

Grade: 11-12

Prerequisites: A in both US History & English 11 or A- average in APUSH & AP Lang or teacher recommendation.

Length: 1 Semester-Elective

Meets: UC & CSU A-G (G)

Description: Honors Macroeconomics is an introductory advanced macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

INTRODUCTION TO PHILOSOPHY

Grade: 11-12

Length: 1 Semester-Elective

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: This course provides a basic introduction to the history of Western Philosophy and its principle areas of inquiry. Students will become familiar with the major discussions in the following philosophical areas: Ethics, Metaphysics, Epistemology, Philosophy of Language and Aesthetics.

BUSINESS MANAGEMENT & ETHICS

Grade: 11-12

Length: 1 Semester-Elective

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: Business Management and Ethics is a course designed to introduce upper division students to various management styles, personalities, and management methods in a variety of industries and professions. The course will also cover Business Ethics and the cultural differences across the lines of a global economy. The class will discuss Case Studies on ethics violations. B.M.E will address ethical standards expected and required in different industries and professions. Discussion and debate will also include the ethical standards incorporated through our Catholic Faith.

THEOLOGY

SCRIPTURE

Grade: 9

Length: 1 Year-Required.

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: This is a survey of Old and New Testament Scripture. The study of Sacred Scripture explores the revelation of God, God's covenant relationships with people and their consequent journey of faith. The first semester concentrates on the Old Testament with an emphasis on the tools of sound biblical scholarship and on major persons, events, and religious themes of salvation history.

The second semester focuses on the New Testament, the teachings and actions of Jesus and the people and events of the early Church. Throughout the course, students will be introduced to ways of prayer found in the Bible, especially in the Psalms, as well as other prayer developments and devotions that flow from the Scriptures.

CHURCH HISTORY & SACRAMENTS

Grade: 10

Length: 1 Year-Required.

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: This course begins with a survey of Church History beginning with the end of Christ's time on Earth and the foundations of his earthly ministry through the works of Peter and Paul. This study of Church History will look at key people, places, and events that have helped shape the Christian community and tradition over the ages, and supplements the textbook with primary source excerpts from writers such as St. Augustine, St. Thomas Aquinas, Dante Alighieri, St. Catherine of Siena, St. Vincent de Paul, St. Jean Baptiste de La Salle, and many others. It is the aim of the course to trace the development of the Church from the time of Christ all the way to today. Key moments of encounter between the Christian faith and other religious traditions will be the occasion of a course spotlight on those religions.

Woven throughout the year, but with a special emphasis in the second semester, the course will examine Christian worship and the Sacraments of the Catholic Church. Students will explore the role of Christian faith in everyday life, beginning with prayer, then the Sacraments of the Church, and concluding with the structure and purpose of the Mass and the Liturgical year.

MORALITY & SOCIAL JUSTICE

Grade: 11

Length: 1 Year-Required.

Prerequisites: None

Meets: UC & CSU A-G (G)

Description: Students will learn the rational foundations for a moral life, with a special focus throughout on the Catholic perspective and its contribution to moral thought. Students examine the conception of the human person and human nature, God's plan for humanity and for each individual, the virtues, commandments, the works of mercy, sin, ethical philosophical theories, and principles of moral reasoning. The conscience and the Church's role in its formation will be highlighted throughout.

In the Spring, the course will explore the social context of moral standards. We will examine the meaning of love, the social nature of human life, the Catholic moral vision for sexuality, justice as the foundation of society, and the major themes of Catholic social teaching. We will end with a project and policy debates that apply Catholic social teaching to contemporary issues.

VOCATIONS AND SPECIAL TOPICS IN THEOLOGY

Grade: 12

Length: 1 Year-Required

Prerequisites: None

Description: The goal of life is to become your best self, or in theological terms, to become a saint. This course aims to help students discern and follow the particular path to sainthood to which God is calling them. The course begins by discussing the universal invitation to know, love, and serve God, and by reviewing Christian theology and history of this vocation. Then the course examines in turn the particular states of life in which humans are called to live out their vocation, to express their true humanity, and to work out their sanctification: the single life, marriage, religious life, and the priesthood, as well as both apostolic and contemplative iterations of those vocations. Finally, students will be invited to discern their particular talents, charisms, and spiritual calling for life after SVHS.

In the final segment of the course, students will explore more deeply a few special topics in Catholic tradition. These might include: the Book of Revelation, questions of religion and science, religious scandals, and interfaith relations. Students will engage the primary sources on these and other topics and be challenged to articulate their understanding of the issues covered and their personal responses.

ADVANCED THEOLOGY SEMINAR

Grade: 12

Prerequisites: Concurrent enrollment in AP Literature & Composition

Length: 1 Year-Required.

Meets: UC & CSU A-G (G)

Description: This seminar, offered by invitation to seniors, will examine key questions of philosophy, theology, and the spiritual life, incorporating primary sources, devotional practices, and theological methods from Catholic tradition. Modules will include: faith and science, the human search for meaning amidst suffering, Christian vocations, discernment, talents and charisms, and the Four Last Things (heaven, hell, purgatory, final judgment). There will be an emphasis on intellectual rigor, theological reflection, and principled debate rooted in mutual respect and the pursuit of truth. Other religious traditions will be studied in dialogue with Catholic tradition, with a focus on the similarities and differences in their respective worldviews, spiritual practices, moral teachings, and historical development.

WORLD LANGUAGES

FRENCH II

Grade: 9-12

Prerequisites: French I with a grade of C- or better the second semester.

Length: 1 Year-Required or alternate

Meets: UC & CSU A-G (E)

Description: French II further develops all four language skills (listening, speaking, reading, writing), both in a formal and informal address. Students study francophone cultures through current events, online material, textbooks and presentations. They are also provided with an introduction to literature, in varied and rich context, by means of French abridged novels and classic short stories. *If students are interested in Honors designation, more homework is assigned and a test is given upon completion of a lesson or book chapter.*

FRENCH III

Grade: 9-12

Prerequisites: French II with a grade of C- or better the second semester.

Length: 1 Year-Required or alternate

Meets: UC & CSU A-G (E)

Description: French III is a course designed not only to review, but also to refine and expand, the four basic language skills already acquired in French I and French II: listening, speaking, reading, and writing. Speaking is stressed in the classroom, with the class being conducted in the target language the majority of the time. Grammar is challenging at this level. Students read a wide variety of topics, including francophone culture, art, history, travel, and current events in the textbook and online. Students see several short films during the year and write critical essays as follow-up. Abridged works of literature such as the *Le Comte de Monte-Cristo* by Alexandre Dumas, *Notre-Dame de Paris* by Victor Hugo are read as support for vocabulary enrichment and syntax acquisition. An exchange program with Lycée St. Vincent de Paul, Avignon, France, is available to our students.

ADVANCED PLACEMENT FRENCH LANGUAGE & CULTURE

Grade: 11-12

Prerequisites: B in Honors French III in the second semester.

Length: 1 Year-Elective.

Meets: UC & CSU A-G (E)

Description: *All students enrolled in AP classes without an equal college prep version available are strongly encouraged to take the AP exam. After opting in, parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

AP French IV is a college level class which prepares students for the Advanced Placement Exam in May. The course is conducted entirely in French. Students use a college level textbook which incorporates short films by Francophone filmmakers that enables students to build their listening comprehension, speaking skills, writing and grammar. Students use additional sources for literature as well as frequent use of news sites, articles and podcasts on the internet for listening and discussion. Activities expose students to the French-speaking world and keep them up to date on current events and culture. An exchange program with Lycée St. Vincent de Paul, Avignon, France, is available to our students.

SPANISH I

Grade: 9-12

Length: 1 Year-Required or alternate

Prerequisites: None

Meets: UC & CSU A-G (E)

Description: Spanish I is an introduction to the basics of the Spanish language. An emphasis is placed on four main skill areas: reading, writing, listening and speaking. Students will be introduced and expected to utilize all four of these areas on a weekly basis. They will also be tested in all four areas. This will be accomplished through the utilization of the textbook, TPRS (total physical response storytelling), short stories, verbal exercises, videos and language games. Spanish I aims to present the language within the context of the contemporary Spanish-speaking world which includes the multiple cultures that embrace the language. The cultural aspect of the class will be woven into each chapter as appropriate to each individual lesson.

HONORS SPANISH I

Grade: 9-12

Length: 1 Year-Required-Alternate to Spanish I

Prerequisites: Placement Exam

Meets: UC & CSU A-G (E)

Description: The Spanish I Honors class is designed to provide students with a working knowledge of speaking, listening, reading and writing skills, and an increased cross-cultural awareness. Due to the rigorous and challenging nature of the class, the basic selection criteria of students is based on students having excellent language arts skills. The teacher will conduct 80% of the class in Spanish. The Spanish I Honors class is the first step in the vertical progressive curriculum towards Advanced Placement.

SPANISH II

Grade: 9-12

Prerequisites: Placement exam analysis or Spanish I with a grade of C- or better the second semester.

Length: 1 Year-Required or alternate

Meets: UC & CSU A-G (E)

Description: Although the main objective of level II is to expand the student's vocabulary and strengthen their grammar base, it is important that students handle the material presented in level I with confidence. To this end, level II devotes several chapters to reviewing level I. Conversational skills are expanded by more intensive drills and frequent free conversations. Reading for comprehension is stressed. The student is expected to write and use original material for conversation. By the expansion of vocabulary and grammar, the student is expected to understand, write, and speak Spanish.

HONORS SPANISH II

Grade: 9-12

Prerequisites: A- or higher in Spanish 1 or B or higher in Honors Spanish I or better second semester and instructor approval.

Length: 1 Year-Required or alternate to Spanish II

Meets: UC & CSU A-G (E)

Description: The Honors Spanish II class is designed to build on the foundation of Spanish I. We will continue to work towards the improvement in speaking, listening, reading and writing skills, as well as a cross-cultural awareness. The teacher will conduct 85% of the class in Spanish. To supplement the activities from the textbook, multiple stories are read, which allows for a more in-depth analysis of various cultures in Spanish speaking countries. The Spanish II Honors class is the second step in the vertical progressive curriculum towards Advanced Placement.

SPANISH III

Grade: 9-12

Prerequisites: Spanish II with a grade of C- or better the second semester and instructor approval.

Length: 1 Year-Required or alternate

Meets: UC & CSU A-G (E)

Description: Spanish III relies heavily on what was taught in Spanish I and II, since a good foundation is imperative for success in this class. Students are expected to be proficient in the present and past tenses by the time they get to Spanish III. This course uses songs, poetry, short stories, a wide series, movies, news video clips, newspaper articles, novels, skits, grammar worksheets, and conversation in class to build a vocabulary that is complex and goes beyond simple sentence formation. We learn to describe people in both the present and past in great detail. The future is introduced as well as many compound tenses. The grammar and culture are brought to life through the short novels that are read in class.

HONORS SPANISH III

Grade: 10-11

Prerequisites: Spanish II with a grade of A- or better or Honors Spanish II with a grade of B. or better second semester and instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (E)

Description: In this course students build upon language skills acquired in Spanish I and II. The class emphasizes a variety of focuses for second language acquisition: thematic vocabulary; development of correct enunciation, accent, and cadence; conversational skills; comprehension and response; question formation; in-depth study of verb tenses and moods (simple, compound, subjunctive, imperative); increasingly advanced sentence structure (including length and syntax). Acquisition strategies include listening/viewing (scripted recordings and videos; streaming news media; films; music); conjugation and pronunciation drills; group conversation exercises; language gap activities; dictation; reading aloud; translation exercises to strengthen whole sentence acquisition, retention, and production. The teacher will conduct 90% of the class in Spanish. Assessment focuses on students' ability to demonstrate comprehension of grammar and sentence structure; whole sentence production; Spanish –English translation, and speaking and listening skills. The class also includes an historical and contemporary cultural focus on Spain and Latin America, supported by readings in poetry and literature, news articles and videos, and documentary and dramatic films. Cultural focus is supported by relevant exercises and assessment.

SPANISH IV

Grade: 11-12

Prerequisites: Spanish III with a grade of C+ or better or Honors Spanish III grade of B- or better in the second semester and instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (E)

Description: The emphasis is on developing communication skills: writing, listening, reading, and speaking. The student's language proficiency is an important goal. The material read will familiarize the student with the culture of the Spanish speaking world and the contributions its people have made to history, the arts, and literature. Although the main focus of the class is on literature, new grammar will continue to be presented. Students will read two Spanish novels adapted for high school students. There will also be a unit on poetry and short stories where students will encounter authentic examples of literature written by native Spanish speaking authors.

ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURE

Grade: 11-12

Prerequisites: Honors Spanish III with a grade of B+ or better or Spanish III with a grade of A- or better and instructor approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (E)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

This course uses a college textbook. Advanced placement Spanish IV is traditional in its emphasis on review of all grammar and mastery of new vocabulary. The emphasis is on developing communication skills: writing, listening, reading and speaking. The material read will familiarize the student with the culture of the Spanish-speaking world and literature. The student's language proficiency and writing proficiency is an important goal. The teacher will conduct 95% of the class in Spanish. This will prepare the student for the advanced placement test in the Spanish language.

ADVANCED PLACEMENT SPANISH LITERATURE & CULTURE

Grade: 12

Prerequisites: Instructor Approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (E)

Description: *All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.

VISUAL & PERFORMING ARTS

ART I: INTRODUCTION TO 2-D DESIGN

Grade: 10-12

Length: 1 Year-Elective

Prerequisites: \$50 materials fee

Meets: UC & CSU A-G (F)

Description: This course provides an introduction to drawing as a means of visual thinking and communication. The fundamentals of drawing are explored with an emphasis on the elements and principles of design, composition, and interpretation. Rules of simple perspective, color theory, lettering, and drawing from real objects in natural situations will be stressed and assigned to enable students to develop their skills.

CERAMICS

Grade: 10-12

Length: 1 Year-Elective

Prerequisites: \$50 materials fee

Meets: UC & CSU A-G (F)

Description: This is a three-dimensional beginning ceramics class that will focus on hand building and glazing techniques. There will be some additional cost to the class (i.e. purchasing materials such as clay).

ART II: DRAWING THEORY & PRACTICE

Grade: 11-12

Prerequisites: Grade of B or better in Art I and a \$50 materials fee

Length: 1 Year-Elective

Meets: UC & CSU A-G (F)

Description: This course is designed to enable students to utilize the basic principles of drawing learned in Art Appreciation. A continued investigation of drawing will prepare students to attempt more challenging work in a variety of both wet and dry media, charcoal, pastel, watercolor, and acrylics. Students will be involved in research and oral reports on various historic art movements: Realism, Impressionism, Expressionism, and Abstract Expressionism. Students will complete written essays and a variety of renderings in the classroom based on these studies.

ART II: PAINTING THEORY AND PRACTICE

Grade: 11-12

Prerequisites: Grade of B or better in Art I and a \$50 materials fee.

Length: 1 Year-Elective

Meets: UC & CSU A-G (F)

Description: Students will study artists ranging from the early Egyptian period to Post-Modernism and further develop their painting skills and techniques through experimentation and manipulation of materials. They will define their own style while looking at the styles of artists throughout history. Students will also learn various processes used in painting such as stretching their own canvases, preparing the canvas, matting and framing, and presenting artwork for a gallery or event. Students will participate in critiques, presentations, and evaluations, analyzing and responding to works of art. This course will build students' abilities to value and appreciate works of art from diverse angles and form a relationship between art, history, and cultures.

ART II: SCULPTURE AND MIXED MEDIA

Grade: 11-12

Prerequisites: Art I and Ceramics I and \$50 materials fee.

Length: 1 Year-Elective

Meets: UC & CSU A-G (F)

Description: This is a three dimensional art class that will focus on the medium of ceramics and some mixed media approaches to creating sculptural art works. Students will study sculptural art and artist in a variety of mediums and cultures and will come to understand ceramic art in a contemporary and historical context. Critical thinking, problem solving in creative and imaginative ways and constructive group critiques will advance students' knowledge and skills within the 3-D arts in this class.

ART III: ADVANCED 2-D & 3-D DESIGN

Grade: 11-12

Prerequisites: Grade of B or better in Art II Drawing or Art II Painting and a \$50 materials fee

Length: 1 Year-Elective

Meets: UC & CSU A-G (F)

Description: Art III presents advanced drawing and painting with individualized instruction in various media. Students will be required to write a project proposal and develop a body of work (outside of class) based upon the exploration of thematic materials and techniques for presentation at the end of the course. Students throughout the year will be creating a cohesive body of work to be properly documented for digital portfolios, as well as writing artist statements to support their portfolios.

ADVANCED PLACEMENT STUDIO ART: 2-D OR 3-D DESIGN

Grade: 12

Prerequisites: Art I, II, Ceramics I and Instructor Approval

Length: 1 Year-Elective

Meets: UC & CSU A-G (F)

Description: The AP Studio Art: 2D or 3D Design course is intended for highly motivated students who are seriously interested in the study of Art. AP course requirements are significantly more rigorous, and students should demonstrate commitment and accomplishment while enrolled. It is recommended for the AP student to have previously taken at least two prior Art classes or to be able to demonstrate, through a portfolio, an ability to create fine art. The AP Studio Art: 2D/3D Design course strives for quality of production and experience in the investigation of drawing, painting, ceramics, sculpture and reflection of historical influences in design. The course is designed as an intensive one-year program. The course is the infusion of new ideas and is constructed around meaning and an enduring idea. Students will perform at an intense level of production, working both inside and out of class studio, to achieve high calibre portfolios, as well as artist statements for examination/submission.

All students enrolled in AP classes with an equal college prep version available are required to take the AP exam. Parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.

ADVANCED PLACEMENT ART HISTORY

Grade: 11-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC & CSU A-G (F)

Description: *All students enrolled in AP classes without an equal college prep version available are strongly encouraged to take the AP exam. After opting in, parents will be charged the \$99 exam fee on the 1st of April or they must communicate the need for a partial waiver fee prior to that date.*

The study of Art History invites students to discover the diversity of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. The AP Art History course welcomes students into the global art world as active participants, engaging with its forms and relayed messages as they research, discuss, read, and write about art, artists, and art making.

DRAMA I: HISTORY AND PRACTICUM

Grade: 9-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC & CSU A-G (F)

Description: In the first year of drama, students will learn about fundamental acting techniques as well as study all areas of acting, from pantomime and improvisation to the monologue, scene, and the one-act play. Additionally, students will study theater history as well as some corresponding period dramatic pieces. Students will be required to read and/or view plays outside of class. A minimum of one written project will be required each quarter. No performing is necessary as one can help with Drama II, III, IV productions.

DRAMA II, III, AND IV

Grade: 10-12

Prerequisites: Grade of B or better in Drama I.

Length: 1 Year-Elective

Meets: UC & CSU A-G (F) for Drama II only. Drama III and IV in process.

Description: These classes enable the serious drama student to investigate the more creative and disciplined areas of theater arts. These are production classes where the units and difficulty of work will vary yearly. The students will be working with other Drama students of all levels. There is also encouragement of independent study in special areas such as scene design and lighting, depending upon the students' abilities and interests. Students will direct, manage, and/or act in student productions, and may produce their own one-act play. Outside rehearsal time is mandatory for all of these drama classes.

MUSIC FUNDAMENTALS

Grade: 10-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC approval in process.

Description: This course is designed for students with little or no formal training in music, or a review for those who would like to continue their music studies. Students will develop skills in critical listening and elements of music theory, and analyze the historical, social and cultural significance of popular music in the United States from the late 19th century to modern day. Through a combination of discussion, listening, writing and exams students will learn to critically analyze music as text and how it relates to social, cultural, political, racial and economic dimensions through genres varying from vaudeville to hip hop and R&B.

CHOIR

Grade: 9-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC & CSU A-G (F)

Description: This course is designed for students with little or no formal training in music, or a review for those who would like to continue their music studies. Students will develop skills in critical listening and elements of music theory, and analyze the historical, social and cultural significance of popular music in the United States from the late 19th century to modern day. Through a combination of discussion, listening, writing and exams students will learn to critically analyze music as text and how it relates to social, cultural, political, racial and economic dimensions through genres varying from minstrelsy to hip hop and R&B.

JAZZ ENSEMBLE

Grade: 9-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC & CSU A-G (F)

Description: This year-long course is designed to introduce students to music history and appreciation, ear training, theory, and improvisation through the jazz idiom. In addition to the core curriculum and full band rehearsal, students are expected to work individually and in small groups on a self guided curriculum to explore areas of particular interest in further detail. This class is open to all musicians including singers of all levels. No one will be turned away based on skills/experience, but placement auditions are necessary for planning and will be held at the beginning of each semester.

JAZZ ENSEMBLE II

Grade: 10-12

Length: 1 Year-Elective

Prerequisites: Jazz Ensemble I or instructor approval.

Meets: UC & CSU A-G (F)

Description: This year-long course is designed to further students' exposure to music history and appreciation, ear training, theory, and improvisation through the jazz idiom. In addition to the core curriculum and full band rehearsal, students are expected to work individually and in small groups on a self guided curriculum to explore areas of particular interest in further detail. This class is open to all musicians including singers of all levels. No one will be turned away based on skills/experience, but placement auditions are necessary for planning and will be held at the beginning of each semester.

RECORDING ARTS

Grade: 11-12

Length: 1 Year-Elective

Prerequisites: None

Meets: UC & CSU A-G (F)

Description: This course will introduce the students to technology used to record sound for music and various media applications. Throughout the course we will be exploring the content and creation of recorded music, film, social media, animation and many other media platforms. Students will learn by creating media content of their own and learning how to operate a studio session in order to provide the recordings necessary to make content more meaningful. Through lecture, demonstration, professional guests and media creation, students should be able to assist in the production and recording of professional quality audio recordings and be able to apply those recordings to various styles of media content.

YEARBOOK: PHOTOJOURNALISM

Grade: 11-12

Prerequisites: Minimum GPA of C+ and instructor's approval.

Length: 1 Year-Elective

Meets: UC & CSU A-G (G)

Description: In this course students will gain skills in page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

SVTV: VIDEO JOURNALISM

Grade: 11-12

Prerequisites: None.

Length: 1 Year-Elective

Description: In this course, students will learn to do journalism research, write scripts, conduct interviews and digitally edit films. Students will be graded on their ability to produce a weekly news segment that will be aired school-wide and posted on the school website.

PHYSICAL EDUCATION

PHYSICAL EDUCATION I

Grade: 9-12

Length: 1 Year-Required

Prerequisites: None

Meets: UC Approval in Process

Description: In Physical Education students will understand the benefits that regular exercise can provide for a person's mental, physical, and social health. Physical Education classes are designed to practice and develop skills in activities that will help students maintain fitness throughout their life. Early in the fall students' fitness levels will be assessed in the following areas: cardiovascular endurance, flexibility, muscular strength and muscular endurance. From these assessments we will develop a baseline which we will then use to set personal fitness goals. We will explore fitness activities designed to improve all areas of fitness. Our goal is that by the end of the year students will improve their scores on their baseline fitness tests through regular cardiovascular endurance training, muscular endurance training, and activities designed to increase current levels of fitness. Students will be introduced to life-long activities designed to increase their likelihood of exercising in the future.

Possible Activities:

Touch Football, Soccer, Fitness testing, Badminton, Volleyball, Weight Room, Basketball, Floor Hockey, Recreational Games, Softball, Ultimate Frisbee, Kickball, Dance, Yoga, CPR certification.

PHYSICAL EDUCATION II

Grade: 11-12

Length: 1 Semester-Elective

Prerequisites: None

Meets: UC Approval in Process

Description: This class is an introduction to the major weight training programs that are utilized by fitness seeking individuals interested in developing their physical wellness. Through the use of free weights, different types of training styles, programming and proper safety in the weight room students will build strength in targeted areas. They will become versed in the 5 principal types of training, demonstrate the fundamental aspects of weight training, identify major muscle groups, and learn proper warm-up and cool-down procedures specific to weight training.

