

**St. Vincent de Paul High School
2022-2023 Academic Information
&
Course Catalog**



REQUIREMENTS FOR GRADUATION

(Class of 2022 - 2024)

Students *must* earn a minimum of 260 Credits, including required courses in:

ENGLISH	8 SEMESTERS		THEOLOGY	8 SEMESTERS
SOCIAL SCIENCE	6 SEMESTERS		PHYSICAL ED	2 SEMESTERS
MATHEMATICS	6 SEMESTERS		VISUAL PERFORMING ARTS	2 SEMESTERS
SCIENCE	6 SEMESTERS		ELECTIVES	10 SEMESTERS
LANGUAGE OTHER THAN ENGLISH	4 SEMESTERS			

Students must perform 100 hours of Christian Service Hours that have been approved by their Theology teacher.

REQUIREMENTS FOR GRADUATION

(Class of 2025 & Subsequent)

Students *must* earn a minimum of 260 Credits, including required courses in:

ENGLISH	8 SEMESTERS		THEOLOGY	8 SEMESTERS
SOCIAL SCIENCE	8 SEMESTERS		PHYSICAL ED	2 SEMESTERS
MATHEMATICS	6 SEMESTERS		FINE/APPLIED ARTS	2 SEMESTERS
SCIENCE	6 SEMESTERS		ELECTIVES	8 SEMESTERS
LANGUAGE OTHER THAN ENGLISH	4 SEMESTERS			

Students must perform 100 hours of Christian Service Hours that have been approved by their Theology teacher.

St. Vincent de Paul High School (SVdPHS) awards credit for course grades of D- or better.

At the end of Semester I, 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.

All SVdPHS students are awarded Diplomas upon completion of their graduation requirements. In addition, the Diploma with Honors and Diploma with Highest Honors recognizes those students who further pursue academic achievement by excelling in elected courses beyond those required for graduation and college entrance. In order to receive the Diploma with Honors, the student must have a minimum GPA of 3.8. Diploma with Highest Honors will be awarded to those students who have a GPA of 4.0 and above. GPA's are calculated after Semester I of senior year.

Christian Community Service Hours Awards are granted to graduating seniors who have completed 200+, 350+ or 500+ hours over the course of their high school career.

SCHOOL GRADING SCALE AND POLICIES

SVdPHS uses the following scale for all standard level courses. Honors and Advanced Placement (AP) courses may use a different scale, based on specific department policies. Students in Honors and AP courses should consult their teachers syllabi.

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

GRADE POINT AVERAGE (GPA) EQUIVALENTS

Course Grade 4.0 System:

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

Honors/AP Course Grade System:

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

Incomplete grades (I) are given when a student has not completed the work for a legitimate reason. An incomplete grade must be made up within ten school days of the due date for grades, as indicated on the school calendar. If work is not made up within the above specified time or the time agreed upon by a student, administration, and teacher, the Incomplete automatically becomes an F.

SVdHS offers academic courses designated as Honors or Advanced Placement. Many colleges, including the University of California system and the Cal State Universities, will give an extra numerical grade point in determining G.P.A. for admissions.

All students enrolled in AP classes with an equal college prep option are required to take the AP exams. All students enrolled in AP classes without an equal college prep version available are strongly encouraged to take the AP exam. If a student does not take a required AP exam they will not receive the extra numerical grade when calculating GPA. The typical cost for an AP test is \$94 per.

Students who wish to take an AP exam in a course not offered at SVdPHS must submit an application to the Dean of Academics by November 1st. Due to demand and proctor availability, the school cannot guarantee that the request for non-SVdPHS AP tests will be granted.

Each student's GPA is computed two ways each semester: Unweighted and Weighted. An Unweighted GPA includes all grades and is calculated on a 4.0 system. A Weighted GPA includes all grades and adds an additional point for each Honors/AP course grade when applicable.

Freshman honors courses will receive an additional grade point in the calculation of the SVdPHS GPA, but will not be recognized for honors status by the UC/CSU systems.

We do not rank our students. Instead, academic achievement is reflected by way of a quintile formula, where students are placed into one of five quintiles, based on their academic performance.

COLLEGE ADMISSION INFORMATION

University of California (UC) and California State University (CSU) requirements serve as our benchmark for general college admission criteria. Currently, the University of California and California State University have aligned their subject area requirements and are referred to as the a-g requirements. Private and out-of-state colleges should be contacted directly for specific admission requirements. Students and families are encouraged to consult the Counseling Department for assistance.

UC/CSU Requirements

“a-g”

Grade of C- or above required in all UC/CSU required courses

<u>Subject</u>	<u>Requirement</u>
History/Social Science	2 years required
English	4 years required
Mathematics	3 years required: Including Geometry & Algebra II <u>4 years recommended</u>
Laboratory Science	2 years required Including 2 of 3 areas biology, chemistry or physics <u>3 years recommended</u>
Language Other Than English	2 years required (of same language); <u>3 years recommended</u>
Visual & Performing Arts	1 year required
College Prep Electives	1 year required More recommended

The UC System assigns extra points for up to eight semesters of University-certified honors-level and Advanced Placement courses taken in the last three years of high school: A=5 points, B=4 points, C=3

points. No more than two year-long, UC-approved honors level courses taken in the 10th grade may be given extra points. A grade of D in an Honors or Advanced Placement course does not earn extra points.

Click here to view: **[GUIDE TO "UC" ADMISSION REQUIREMENTS](#)**

Click here to view: **[GUIDE TO "CSU" ADMISSION REQUIREMENTS](#)**

All California-resident freshman applicants will receive a full review of their UC applications if they:

- Complete 15 UC-required college-preparatory ("a-g") courses, with 11 of those completed by the end of 11th grade.
- Maintain a GPA 3.0 or better (weighted by a maximum of eight honors/AP bonus points) in these courses.
- Take the ACT with Writing or SAT with Essay Test by December of your senior year.

In addition, applicants will be guaranteed admission somewhere in the UC system if they:

- Rank in the top 9 percent of all high school graduates statewide; or
- Rank in the top 9 percent of their high school graduating class (the local context), as determined by U.C.

Because selectivity varies by campus due to the size and academic quality of applicant pools, a student's chance for admission will also vary by campus. For this reason, it is important for students to review all of their campus options and choose both carefully and broadly.

If you wish to view the approved a-g course list for SVdPHS students, go to: <https://hs-articulation.ucop.edu/agcourselist/institution/3336>

COURSE SCHEDULING POLICY

In conjunction with school counselor's advice, students and parents/guardians should be careful in the selection of academic courses by observing the course prerequisites, while keeping in mind the student's abilities and their past academic performance. Every effort is made to accommodate legitimate course requests. However, course availability, prerequisites and departmental guidelines may result in some requests not being fulfilled. Students may not request a course based upon teacher preference.

During the second semester of the current year, Freshman, Sophomores and Juniors will work closely with the Counseling Department to select course options for the following year based upon their academic advisors' recommendations. Parents will have the option to participate in this review.

Incoming freshmen and their parents/guardians attend a Registration/Scheduling event in the spring. Students and their parents/guardians meet with the Counseling Department to create their freshmen class schedule based upon placement test results and academic advisor recommendations.

DROPPING/ADDING COURSES

The schedule that has been made for each student reflects a collaboration of teachers, students and parents and is designed for both a challenging and enriching curricular experience. At the time of scheduling, counselors, parents, previous teachers and the student ideally devise a schedule that will allow the student to be both challenged and successful. Every effort should be made to schedule realistically and not change courses.

- The time to initiate any change after that process has occurred will be dedicated to the week before the school year starts.
- Beyond that, during the first two full weeks of the semester a student may initiate a course change. The change process during the two week window at the beginning of the semester must include conversations and signatures of the student's respective academic counselor, the teachers of both the class to be added, and the class to be dropped, and the parents. The student then must bring the signed and completed Add/Drop form to the Registrar who will process the class change and print a new schedule for the student. Until the process is finished the student must attend the course for which they were originally scheduled. Courses dropped from a student's schedule prior to these deadlines will not be reflected on a student's transcript.
- Student/family initiated class schedule changes resulting in a dropped class between the second and fourth week of each semester will be noted on transcripts as a Withdrawal (indicated by a W).
- Student/family initiated class schedule changes resulting in a dropped class after the fourth week of each semester will be noted on transcripts as an F.
- After the third week of each semester, class schedule changes may be initiated by a student's teacher or counselor on his/her behalf. A Withdrawal (indicated by a W) will be noted on transcripts.
- Students who enter a new course after the fourth week are only eligible for half-credit for the semester. Schedule changes made after the fourth week of each semester are strongly discouraged and will only be approved by the Dean of Academics.
- Students in AP and honors level classes can drop into the college prep level course throughout the semester. The unweighted grade in the higher level course will be brought with them into their new course assignment and will count proportionately for their semester grade.

To further encourage careful consideration when scheduling and to defray administrative expenses a \$25.00 fee will be charged for schedule changes taking place after the 2nd full week of each semester.

At the end of the first semester a student can change courses for the spring semester by following the procedure outlined above.

DEPARTMENT OFFERINGS

UNDERSTANDING THE CODES IN COURSE TITLES

Course titles that meet the a-g criteria for the University of California or California State University systems will include a (P).

ENGLISH DEPARTMENT

SPEECH & CRITICAL THINKING

Year (9); Prerequisite: None
One Year – Required
College Preparatory Elective
Meets UC and CSU a-g criteria (g)

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 & 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.

ENGLISH 9 - LITERATURE & COMPOSITION (P)

Year (9); Prerequisite: None
One year – Required
Meets UC and CSU a-g criteria (b)

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.

ENGLISH 9 – HONORS LITERATURE & COMPOSITION(P)

Year (9); Prerequisite: Minimum 90% grade in English 8
One Year – Alternate to English 9 (P)
Meets UC and CSU a-g criteria (b)

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 (P)

Year (10); Prerequisite: English 9 (P)

One year – Required

Meets UC and CSU a-g criteria (b)

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.

ENGLISH 10 - HONORS WORLD LITERATURE (P)

Year (10); Prerequisite: 2nd semester grade of A- or better in English 9 (P) or B- or better in H English 9 (P)

One year – Alternate to English 10 (P)

Meets UC and CSU a-g criteria (b)

This honors Sophomore English course is a more rigorous version of English 10, with a more systematic study of canonical literary works from around the world. Titles will represent narrative voices from both western and non-western literature, with an eye toward exploring historical and cultural context and the contrast between literary traditions. Students will continue to write both analytically and creatively and develop the skills needed for communication beyond the high school classroom. The honors student is expected to bring advanced writing and comprehension skills to the class, and a readiness for sophisticated prose and expression.

ENGLISH 11 - AMERICAN LITERATURE (P)

Year (11); Prerequisite: English 10 (P)

One year – Required

Meets UC and CSU a-g criteria (b)

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.

ENGLISH 11 - ADVANCED PLACEMENT LANGUAGE & COMPOSITION (P)

Year (11); Prerequisite: 2nd semester grade of A- or better in English 10 (P)* or B- or better in H English 10 (P)*

One year – Alternative to English 11 (P)

Meets UC and CSU a-g criteria (b)

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 \$94 exam fee on the 1st of November 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 WORLD LITERATURE (P)

Year (12); Prerequisite: English 11 (P)

One year – Required

Meets UC and CSU a-g criteria (b)

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.

ENGLISH 12 - ADVANCED PLACEMENT LITERATURE & COMPOSITION (P)

Year (12); Prerequisite: 2nd semester grade of A- or better in English 11 (P) or B- or better in H English 11 (P)

One year – Alternative to English 12 (P)

Meets UC and CSU a-g criteria (b)

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 \$94 exam fee on the 1st of November 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 nineteenth and twentieth century literature from around the world 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.

JOURNALISM (P)

Year (10,11,12); Prerequisite: Grade of B or better in current English class and/or instructor approval

(Interested sophomores must submit a writing sample)

One year – Elective

Meets UC and CSU a-g criteria (g)

Students will learn both the theory and practice of all aspects of reporting and writing news of interest to the school community, Sonoma County, and beyond. The class will encompass writing, editing, online reporting, online and print layout, design, advertising, photography and audio/video production. Students will learn journalistic theory, history and ethics as well as study the role of the media in current society.

EXPOSITORY WRITING (P)

Year (12); Prerequisite: Grade of B or better in English11 class and/or instructor approval

One semester – Elective

Meets UC and CSU a-g criteria (g)

This senior elective will further develop students' expository writing skills and delve into subject matter of personal interest to them. 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 in class, as will the points of grammar and usage.

CREATIVE WRITING (P)

Year (12); Prerequisite: Grade of B or better in English11 and/or instructor approval

One semester – Elective

Meets UC and CSU a-g criteria (g)

This senior 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 DEPARTMENT

ALGEBRA I (P)

Year (9); Prerequisite: Placement Exam analysis

One year - Required

Meets UC and CSU a-g criteria (c)

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 (P)

Year (9,10,11,12); Prerequisite: Minimum grade of C- in 2nd semester Algebra I

One year - Required

Meets UC and CSU a-g criteria (c)

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 (P)

Year (10,11,12); Prerequisite: Minimum grade of C- in 2nd semester Algebra I

One year - Elective; Required for class of 2022 and subsequent students who did not take Math Lab

Meets UC and CSU a-g criteria (c)

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 (P)

Year (10,11,12); Prerequisite: Minimum grade of B+ in 2nd semester Algebra I or instructor approval

One year - Alternate to Algebra II (P)

Meets UC and CSU a-g criteria (c)

This is a study of intermediate topics in Algebra, which incorporates a review of important topics from Algebra I. The course includes the study of all the topics mentioned in regular Algebra II; however, the Honors course explores topics in more depth and examines more challenging aspects of the Algebra curriculum. Analysis and critical thinking will explore these topics in more depth and will examine the 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 (P)

Year (11,12); Prerequisite: Minimum grade of B- in 2nd semester Regular Algebra II or C in 2nd Semester Honors Algebra II

One year - Elective

Meets UC and CSU a-g criteria (c)

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.

HONORS PRECALCULUS (P)

Year (11,12); Prerequisite: Minimum grade of A in 2nd semester Algebra II or minimum grade of B in 2nd semester Honors Algebra II

One year - Elective Meets UC and CSU a-g criteria (c)

This is a one-year course that combines all of the precalculus concepts and skills that must be mastered prior to enrollment in a college-level calculus course. This includes an intensive study of trigonometric, circular, rational, polynomial, exponential, and logarithmic functions and their graphs. Other topics include vectors, analytic geometry, limits, probability, and an introduction to linear algebra. A graphing calculator is required for this class. TI 83 or 84 is recommended.

ADVANCED PLACEMENT CALCULUS AB (P)

Year (11,12); Prerequisite: Instructor Approval & minimum grade of B- in Honors Precalculus

One year - Elective

Meets UC and CSU a-g criteria (c)

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 \$94 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 recommended.

STATISTICS (P)

Year (11, 12); Prerequisite: Minimum grade of C in Geometry and C in Algebra II.

One year – Elective

Meets UC and CSU a-g criteria (g)

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

Year (9, 10,11) - Elective, Credit/No Credit

Prerequisites: Placement Exam analysis, enrollment in a non-honors, non-AP math course

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

Math Lab is a course which is taken concurrently with another math class allowing students to receive extra instruction and support for their development in their math course. Enrollment in this course is based upon student's previous math grade and teacher recommendation.

SCIENCE DEPARTMENT

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. One year of approved interdisciplinary or earth and space sciences coursework can meet one year of the requirement. Computer Science, Engineering, Applied Science courses can be used in area D as an additional science (i.e., third year and beyond).

CONCEPTUAL PHYSICS (P)

Year (9); Prerequisites: Concurrent enrollment in Algebra I or above

One year - Required

Meets UC and CSU a-g criteria (d)

Conceptual Physics is a one-year freshman course designed to ignite interest in the physical sciences. Course materials are presented in an engaging narrative, with frequent use of visuals, discussion of applications, and a wide range of questions and exercises. 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 (P) a Laboratory Science Course**Year (10, 11); Prerequisite: Conceptual Physics or concurrent enrollment in Conceptual Physics****One year - Required****Meets UC and CSU a-g criteria (d)**

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, and ecology.

CHEMISTRY (P) a Laboratory Science Course**Year (11, 12); Prerequisite: Conceptual Physics and enrollment in Algebra II****Minimum grade of C+ in Biology and C+ in Geometry One year - Required or alternate 3rd year science course****Meets UC and CSU a-g criteria (d)**

Chemistry is a college preparatory course for juniors and seniors. Chemistry is the study of 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 (P) a Laboratory Science Course**Year (11, 12); Prerequisite: Enrollment in Honors Algebra II****Minimum grade of B+ in Geometry and B+ in Biology****One year - Alternate to Chemistry (P)****Meets UC and CSU a-g criteria (d)**

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 gases, 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 (P) a Laboratory Science Course**Year (11, 12); Prerequisite: Minimum grade of A- in Biology and A- in Chemistry, or concurrent enrollment in Honors Chemistry, or instructor approval****One year - Elective****Meets UC and CSU a-g criteria (d)**

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 \$94 exam fee on the 1st of November 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 (P) a Laboratory Science Course

Year (11, 12); Prerequisite: B+ or better in Honors Chemistry or A- or better in Chemistry; concurrent enrollment in Honors Precalculus or Calculus, or instructor approval

One year - Elective

Meets UC and CSU a-g criteria (d)

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 \$94 exam fee on the 1st of November 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. NOTE: Students enrolled in this course should take the Advanced Placement Exam and try to receive college credit for this course.

The last statement is redundant. It was removed at teacher request from AP Bio, but I see it is here too.

ENVIRONMENTAL SCIENCE (P)

Year (10, 11, & 12); Prerequisites: Algebra I and 1 year of a lab science

One year - Elective; Required for student who opted not to take Chemistry (P)

Meets UC and CSU a-g criteria (d)

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.

PHYSICS (P) a Laboratory Science Course

Year (11, 12); Prerequisite: 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

One year - Elective

Meets UC and CSU a-g criteria (d)

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 (P) a Laboratory Science Course

Year (11, 12); Prerequisite: B+ or better in Honors Chemistry or A- or better in Chemistry; concurrent enrollment in Honors Precalculus or Calculus, or instructor approval.

One year - Elective

Meets UC and CSU a-g criteria (d)

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 \$94 exam fee on the 1st of November 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.

SOCIAL SCIENCE DEPARTMENT

ANCIENT HISTORY

Year (9); Prerequisite: None

One Year – Required

*UC Approval in Process

This History 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.

HONORS ANCIENT HISTORY

Year (9); Prerequisite: Minimum 90% grade in English 8

One Year – Alternate to Ancient History

*UC Approval in Process

This honors course is a survey of human civilization and its development from the end of the Paleolithic Era to the fall of the Roman Empire. We will be studying archaeological evidence and texts from the earliest periods of recorded human history, with an eye toward the elements and ideas that helped build humankind's earliest societies and structures, and through case studies of some of the most influential human civilizations. Course expectations include greater emphasis on the development of skills in document analysis, research writing, and deeper critical discussion of course content.

WORLD HISTORY (P)

Year (10); Prerequisite: None

One year - Required

Meets UC and CSU a-g criteria (a)

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 (2000BC - 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 (P)

Year (10); Prerequisite: B+ 2nd Semester Honors English 9 or A- 2nd Semester English 9/English 10

One year - Alternate to World History (P)

Meets UC and CSU a-g criteria (a)

This weighted g.p.a. 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 (P)

Year (11); Prerequisite: None

One year - Required

Meets UC and CSU a-g criteria (a)

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 (P)

Year (11); Prerequisite: A- or better in World History (P) or a B or better in Honors World History (P) and Summer Assignment.

Recommendation: Students should have an understanding of Purpose, Theme, and View. Students should also be able to work with a Primary Document to analyze history via firsthand and secondhand sources. This analysis should focus on causation, contextualization, and theme identification.

One year - Alternate to U.S. History (P)

Meets UC and CSU a-g criteria (a)

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 \$94 exam fee on the 1st of November 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 American history from approximately 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.

ECONOMICS (P)

Year (12); Prerequisite: None

One semester – Required

Meets UC and CSU a-g criteria (a)

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.

U.S. GOVERNMENT (P)

Year (12); Prerequisite: None

One semester - Required

Meets UC and CSU a-g criteria (a)

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

MOCK TRIAL I

Year (9,10); Prerequisite: None

One year – College Preparatory Elective

Meets UC and CSU a-g criteria (g)

The purpose of this course is to introduce students to the US legal system and basic trial procedure. Students learn the difference between criminal and civil trials, the burdens of proof therein, the rules associated with opening statements, direct and cross examination, and closing arguments. Students will begin to develop skills in interpreting laws and applying them to facts, crafting courtroom speeches and eliciting testimony.

MOCK TRIAL II

Year (11,12); Prerequisite: Mock Trial I

One year – College Preparatory Elective

*UC Approval in Process

Students who have completed Mock Trial I and demonstrated a commitment to developing trial advocacy skills may take this course. This course offers advanced mock trial training in preparation for competition at the County and State levels. Students will be required to participate in competitions with other schools.

PSYCHOLOGY (P)

Year (11, 12); Prerequisite: None

Recommendation: It is recommended that students have a basic familiarity with human biology and the anatomy of the nervous and endocrine systems, and that students have the research and writing skills to complete writing assignments on this topic.

One semester - Elective

Meets UC and CSU a-g criteria (g)

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.

INTRODUCTION TO PHILOSOPHY

Year (11,12); Prerequisite: None

One semester – Elective

*UC Approval in Process

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, Aesthetics, etc.

BUSINESS MANAGEMENT & ETHICS

Year (11,12); Prerequisite: None

One semester – Elective

*UC Approval in Process

THEOLOGY DEPARTMENT

OLD TESTAMENT SCRIPTURE (P)

NEW TESTAMENT SCRIPTURE (P)

Year (9); Prerequisite: None

One year– Required

Meets UC and CSU a-g criteria (g)

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.

CHURCH HISTORY (P)

Semester (10); Prerequisite: None

One semester – Required

Meets UC and CSU a-g criteria (g)

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 Catholicism 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 the modern era, concluding in December with the papacy of Pope Francis.

SACRAMENTS (P)

Year (10); Prerequisite: None

Meets UC and CSU a-g criteria (g)

An overview of Catholic worship and the sacraments. Students will explore the role of Catholic belief in everyday life, beginning with prayer and then the sacraments of the Church, and concluding with the structure and purpose of the Mass and the Liturgical year.

CATHOLIC MORALITY

Year (11); Prerequisites: None

One semester – Required

Students will learn the rational foundations for a Catholic moral life. Students examine God's plan for the entire human race and for each individual, recognizing the goodness of God at work in their lives that calls for them to respond with their own goodness. Topics include the nature of conscience, and the role that the Church plays in its formation, as well as specific moral questions.

CATHOLIC SOCIAL JUSTICE (P)

Year (11); Prerequisite: None

One semester – Required

Meets UC and CSU a-g criteria (g)

This course explores the social nature of human life, the heavenly model for earthly society, justice as the foundation of society, and principles and major themes of Catholic social doctrine, including human stewardship of nature, national and international awareness, socioeconomic differences, secularism, materialism, individualism, and other contemporary challenges.

CATHOLIC VOCATIONS, Fall 2020

Year (12); Prerequisites: None.

One semester – Required

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.

SPECIAL TOPICS IN CATHOLICISM

**Year (12); Prerequisites: At least two years of high school theology.
One semester – Required.**

This course will explore selected topics and themes of Catholicism, including classical questions of faith and reason in history as well as contemporary issues and applications. Topics may include the problem of Evil and scandals, the Trinity, Christology and the Creed, faith in a secular society, religious pluralism and interfaith relations, religion and art, religion and science, fundamentalism, Mariology, popular devotions, and the Four Last Things. 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. Students will explore in greater depth one or more of the special topics covered.

CATHOLIC ADVANCED SEMINAR, Fall 2021 & Spring 2022

**Year (11) & (12); Prerequisites: Juniors or Seniors. At least one year of high school theology.
Both semesters – Elective (fulfilling yearly theology requirement)**

This seminar, open to all juniors and seniors, will examine key questions of philosophy, theology, and the spiritual life from an explicitly Christ-centered perspective, incorporating primary sources, devotional practices, and theological methods from Catholic tradition. 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.

LANGUAGES OTHER THAN ENGLISH/ WORLD LANGUAGES DEPARTMENT

All transfer students must take a placement test if they wish to take a modern language. Students wishing to begin in modern languages in their junior year should have a cumulative GPA of 2.7 or better. **Class of 2022 and later required to complete 4 semesters of world language*

FRENCH I (P)

**Year (9,10,11,12); Prerequisite: Placement exam
One year - Required or alternate
Meets UC and CSU a-g criteria (e)**

French I is a course designed to expose students to the language and cultures of the French-speaking world. Students will develop basic proficiency in the four modalities of language learning: listening, speaking, reading, and writing. In highly structured and contextualized situations, students will learn to ask and answer simple questions as they learn to communicate about themselves, their families, and their friends. Students will respond to oral and written prompts about their daily lives and responsibilities. There is a strong emphasis on vocabulary acquisition and simple language structure at this level. Students will be exposed to authentic material and various media sources in the target language. French will be used as much as possible during classroom instruction. An exchange program with Lycée St Vincent de Paul, Avignon, France school is available to our students.

FRENCH II (P)

Year (9,10,11,12); Prerequisite: French (P) with a grade of C- or better the second semester

One year - Required or alternate

Meets UC and CSU a-g criteria (e)

French II stresses both oral and written communication. The course continues to develop all four language skills begun in French I (listening, reading, speaking, and writing), as well as an appreciation of Francophone culture through topics in the textbook and online. Students acquire new vocabulary and grammar through readings of short audio stories on the web and books. The web application for the textbook *D'Accord* is used as a resource in class and at home for reinforcing grammar, vocabulary, and listening. Students listen to news and watch authentic clips. An exchange program with St Vincent de Paul, Avignon, France, is available to our students.

FRENCH III (P)

Year (10,11); Prerequisites: Minimum C- in French II (P) the second semester

One year - Elective

Meets UC and CSU a-g criteria (e)

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 IV (P)

Year (11,12); Prerequisites: B in Honors French III (P) the second semester.

One year - Elective

Meets UC and CSU a-g criteria (e)

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 \$94 exam fee on the 1st of November 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 (P)

Year (9,10,11,12); Prerequisite: Placement Exam

One year - Required or alternate

Meets UC and CSU a-g criteria (e)

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 (P)

Year (9,10,11,12); Prerequisite: Placement Exam

One year - Alternate to Spanish I (P)

Meets UC and CSU a-g criteria (e)

The Spanish 1 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 1 Honors class is the first step in the vertical progressive curriculum towards Advanced Placement.

SPANISH II (P)

Year (9,10,11,12); Prerequisites: Placement Exam analysis or Spanish I (P) with a grade of C- or better the second semester

One year - Required or alternate

Meets UC and CSU a-g criteria (e)

Although the main objective of level two is to expand the student's vocabulary and strengthen their grammar base, it is important that students handle the material presented in level one with confidence. To this end, level two devotes several chapters to reviewing level one. 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 (P)

Year (10,11,12); Prerequisites: A- or higher in Spanish 1 (P) or B or higher in Spanish 1 Honors (P) or better second semester and instructor approval

One year - Alternate to Spanish II (P)

Meets UC and CSU a-g criteria (e)

The Spanish 2 Honors class is designed to build on the foundation of Spanish 1. 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 2 Honors class is the second step in the vertical progressive curriculum towards Advanced Placement.

SPANISH III (P)

Year (10,11); Prerequisite: Spanish II (P) with a grade of C or better second semester and instructor approval

One year - Elective

Meets UC and CSU a-g criteria (e)

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 (P)

Year (10,11); Prerequisite: Spanish II (P) with a grade of A- or better or H Spanish II (P) with a grade of B or better second semester and instructor approval

One year - Elective

Meets UC and CSU a-g criteria (e)

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 multiple verb tenses and moods (simple, compound, subjunctive, imperative); increasingly advanced sentence structure (including length and syntax). Acquisition strategies include in-class 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 (P)

Year (11,12); Prerequisite: Spanish III (P) Grade of C+ or better or Honors Spanish III (P) grade of B- or better second semester and instructor approval

One year - Elective Meets UC and CSU a-g criteria (e)

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 IV (P)

Year (11,12); Prerequisite: Honors Spanish III (P) with a grade of B+ or better or Spanish III (P) with a grade of A- or better second semester and instructor approval

One year - Elective

Meets UC and CSU a-g criteria (e)

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 \$95 exam fee on the 1st of November 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.

VISUAL AND PERFORMING ARTS DEPARTMENT

ART APPRECIATION: TWO DIMENSIONAL DESIGN (P)

Year (9, 10, 11, 12) ; Prerequisite: None

One year - Elective

Meets UC and CSU a-g criteria (f)

This course provides an introduction to drawing as a means of visual thinking and communication. Training in the fundamentals of drawing is explored with 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 projects assigned to enable the student to develop his/her skills.

CERAMICS (P)

Year (10,11,12); Prerequisite: None

One Year - Elective

Meets UC and CSU a-g criteria (f)

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). Class size: 10 students per section.

ADVANCED DRAWING: THEORY AND PRACTICE (P)

Year (11,12); Prerequisite: Grade of B in Art Appreciation (P)

One year - Elective

Meets UC and CSU a-g criteria (f)

This course is designed to enable the student to utilize the knowledge of the basic principles of drawing learned in Art Appreciation: Two Dimensional Design. A continued investigation of drawing and painting studies 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.

ADVANCED PAINTING (P)

Year (11,12); Prerequisite: Art Appreciation (P)

One year - Elective

Meets UC and CSU a-g criteria (f)

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. Class size: 10 students per section.

ADVANCED SCULPTURE (P)

Year (11, 12); Prerequisite: Art Appreciation (P) and Ceramics (P)

One year - Elective

Meets UC and CSU a-g criteria (f)

Students will study sculpture art and artists of varying styles, media, and cultures. They will develop technical, aesthetic, critical thinking, problem solving, and creative molds, assemblages, and structures using a variety of media such as wire, paper mache, cardboard, wood, and recyclables. Working in 2-D in the form of blueprints and sketches, and then 3-D in the creation of their design will be a lifelong learning tool in visualizing and manipulating space, form, and high cognitive concepts. This course will involve critiques, presentations, and evaluations, analyzing and responding to works of art, and appreciating sculpture art and artists from diverse angles and forming a relationship between the art making process, development, and its effect on communities and cultures as a whole. Class size: 10 students per section.

ART III (P)

Year (11,12); Prerequisite: Grade of B in Advanced Drawing (P)

One year - Elective

Meets UC and CSU a-g criteria (f)

Art III presents advanced drawing and painting with individualized instruction in various media. Students will be required to 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.

AP STUDIO ART: 2D or 3D DESIGN

Year (12); Prerequisite: Instructor approval

One year - Elective

Meets UC and CSU a-g criteria (f)

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 be able to demonstrate, through a portfolio, an ability to create fine art. The 2D course strives for quality of production and experience in the investigation of drawing, painting, printmaking, and photography styles, while the 3D course focuses on sculpture, ceramics, and architecture. Both investigate the techniques of historical influences on design and reflect on artistic intentionality in the construction of form, function, and meaning.

AP ART HISTORY (P)

Year - (11, 12); Prerequisite: None

Year - elective

Meets UC and CSU a-g criteria (f)

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 \$94 exam fee on the 1st of November 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 in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicate 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 content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

DRAMA I: HISTORY AND PRACTICUM (P)

Year (9, 10, 11,12); Prerequisite: None

One year - Elective

Meets UC and CSU a-g criteria (f)

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 theatre 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 – help with Drama II, III, IV. A student may not take Drama out of sequence.

DRAMA II, III, IV

Year (10,11,12); Prerequisite: Grade of B or better in preceding Drama class

One year - Elective

These classes enable the serious drama student to investigate the more creative and disciplined areas of theatre 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 studies 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. Outside rehearsal time is mandatory for all drama classes.

MUSIC FUNDAMENTALS

Year (9,10); Prerequisite: None

One year – Elective

*UC Approval in Process

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.

CHOIR (P)

Year - (9, 10, 11, 12); Prerequisite: None

Year - elective

Meets UC and CSU a-g criteria (f)

Choir is a course designed for students to learn vocal and ensemble techniques through rehearsals and performances. Students will learn singing techniques, music theory, musicianship and music history through varying genres including Classical, Jazz, Latin Jazz, Spirituals and Pop. Through the study of these varying styles, students will gain a deeper understanding of the social and political circumstances that surrounded the development of these various vocal styles and genres. Through personal practice, ensemble rehearsal, peer review and performances, students will develop a strong sense of self awareness and confidence through reflection and self examination.

JAZZ ENSEMBLE I (P)

Year (9,10,11,12); Prerequisite: None

One year - Elective

Meets UC and CSU a-g criteria (f)

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 (P)

Year (10,11,12); Prerequisite: Jazz Ensemble I, or Instructor Approval

One year - Elective

Meets UC and CSU a-g criteria (f)

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.

RECORDING ARTS (P)

Year - (10,11,12); Prerequisite: None

One Year - elective

Meets UC and CSU/ a-g criteria (f)

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, guest professionals 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 (P)

Year (11, 12); Prerequisite: Minimum GPA of C+ and Signed Contract with instructor approval

One year - Elective

Meets UC and CSU a-g criteria (g)

This course will teach students to identify, master, and put into practice the skills necessary in conceptualizing a yearbook. Students will master all elements associated with production of a yearbook, which include reporting, writing, editing, photography, layout, graphics, and finances. There is a limit of 20 students. NOTE: Each student is required to sell six ads and be willing to take pictures.

INFORMATION TECHNOLOGY DEPARTMENT

COMPUTER AND INFORMATION TECHNOLOGIES (P)

Year (10,11,12); Prerequisite: Algebra I with B- or Better

One year – Elective

Meets UC and CSU a-g criteria (g)

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.

AP COMPUTER SCIENCE PRINCIPLES (P)

Year (11, 12) Prerequisite: Algebra II (P) with B- or Better

One-year Elective

Meets UC and CSU a-g criteria (g)

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 \$94 exam fee on the 1st of November 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 (P)

Year (10, 11, 12) Prerequisite: Completion of Alg II, or Currently enrolled in Alg II Honors

One-year Elective

Meets UC and CSU a-g criteria (d)

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.

PHYSICAL EDUCATION

CO-ED PHYSICAL EDUCATION

Year (9, 10, 11, 12): Prerequisite: None

One year - 1 year of PE Required

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 in which we will 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.

Course outline:

- During 9th grade students will:
 - * Assess personal fitness levels using FitnessGram Testing Standards
 - * Set realistic personal fitness goals
 - * Identify fitness components and understand how those fitness components are essential to a balanced and well rounded fitness plan
 - * Develop individual skills associated with teamwork, problem solving and leadership.
 - * Complete fitness testing throughout the year

Possible Activities:

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

P.E. II

Year (11,12); Prerequisite: None

One semester – Elective

*UC Approval in Process

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.