

**St. Vincent de Paul High School**

**2019-2020**

**Academic Information**

**&**

**Course Catalog**



## **REQUIREMENTS FOR GRADUATION**

**(Class of 2021 & Prior)**

Students *must* earn a minimum of 240 Credits, including required courses in:

ENGLISH	8 SEMESTERS		THEOLOGY	7 SEMESTERS
SOCIAL SCIENCE	6 SEMESTERS		PHYSICAL ED	2 SEMESTERS
MATHEMATICS	4 SEMESTERS		FINE/APPLIED ARTS	2 SEMESTERS
SCIENCE	6 SEMESTERS		ELECTIVES	13 SEMESTERS

## **REQUIREMENTS FOR GRADUATION**

**(Class of 2022 & Subsequent)**

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		FINE/APPLIED ARTS	2 SEMESTERS
SCIENCE	6 SEMESTERS		ELECTIVES	10 SEMESTERS
LANGUAGE	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 Diplomas 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.

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

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 10<sup>th</sup> grade may be given extra points. A grade of D in an Honors or Advanced Placement course does not earn extra points.

Click her to view: [GUIDE TO “UC” ADMISSION REQUIREMENTS](#)

Click her 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 <http://www.ucop.edu/agguide/>.

## **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 courses based upon teacher preference.

Current Freshmen, Sophomores and Juniors and their parents/guardians attend a Registration event during second semester. Students and their parents/guardians meet with the Counseling Department to create their course schedule for the following year based upon their academic advisors recommendations.

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 students 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 (P)**

Year (9,10); Prerequisite: None

One semester – Elective

Meets UC and CSU a-g criteria (g)

Oral Communication I is an introduction to the art of communication: speaking and listening. The student will be encouraged to develop self-esteem and self-confidence. The student will have the opportunity to develop the skills of logical thinking, creative writing, analysis, interpretation of literature, and analytical writing. This class or an approved alternate is required for graduation from St. Vincent High School.

### **ENGLISH 9 LIT AND COMPOSITION (P)**

Year (9); Prerequisite: None

One year – Required

Meets UC and CSU a-g criteria (b)

Freshman English is a course designed to introduce students to various literary genres and help them develop their writing skills. Students will study the short story, the novel, poetry, drama, mythology, and the epic. Initial writing instruction will focus on displaying comprehension of thematic content. Further exercises will help students develop reading, thinking, and writing strategies for critical analysis. Formal essays will stem from the literature.

### **HONORS ENGLISH 9 LIT AND 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)

Honors English 9 is a rigorous, demanding course designed to follow the English 9 curriculum with a systematic study of literature. We will be working all year to develop critical thinking skills and close reading strategies as you analyze literature from multiple genres, periods, and cultures. This course will also place emphasis on developing and strengthening your writing, for it is expected that you already are proficient in essay writing and can demonstrate fairly strong literary criticism skills. Students will do an extensive study of the short story, the novel, drama, mythology, and the epic. Writing will stem from the literature and will focus on formal essay writing, mainly literary criticism, and include some creative writing. Students who demonstrate a genuine commitment to learning and sensitivity to literature will benefit from this advanced program of study.

### **WORLD LITERATURE (P)**

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

**One year – Required**

**Meets UC and CSU a-g criteria (b)**

**\*2019-20 - Open to both 10th & 11th Grade Students**

Sophomore English is a course designed to expose the 10th grade student to literature of the world. Titles will represent narrative voices from beyond Western Literature, with an eye toward exploring historical and cultural context and developing greater global awareness and sensitivity. The 2nd semester will focus on British Literature and include poetry, drama and prose from the Anglo-Saxon period to the twentieth century. Students will continue to write both analytically and creatively and develop the skills needed for communication beyond the high school classroom.

### **HONORS WORLD LITERATURE (P)**

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

**2019-20 Juniors: 2nd semester grade of A- or better in American Literature (P)**

**One year – Alternate to World Literature (P)**

**Meets UC and CSU a-g criteria (b)**

**\*2019-20 - Open to both 10th & 11th Grade Students**

Sophomore English at the honors level is a more rigorous course designed to expose qualified students to literature of the world. Titles will represent narrative voices from beyond Western Literature, with an eye toward exploring historical and cultural context and developing greater global awareness and sensitivity. The 2nd semester will focus on British Literature and include poetry, drama and prose from the Anglo-Saxon period to the twentieth century. 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.

### **AMERICAN LITERATURE (P)**

**Year (11); Prerequisite: World Literature (P)**

**One year- Required**

**Meets UC and CSU a-g criteria (b)**

**\*Not Offered 2019-20**

American Literature 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 and vocabulary study continues and amplifies what the student learned in Literature and Composition.

### **HONORS AMERICAN LITERATURE (P)**

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

**One year – Alternative to American Literature (P)**

**Meets UC and CSU a-g criteria (b)**

**\*Not Offered 2019-20**



### **ENGLISH 12 MODERN WORLD LITERATURE (P)**

Year (12); Prerequisite: American Literature (P)

One year - Required

Meets UC and CSU a-g criteria (b)

This course surveys nineteenth and twentieth century literature from around the world. The course will use The Bedford Introduction to Literature and will include samples of the short story, poetry, drama, and the novel. Critical as well as creative writing skills will be developed through a series of papers. Works studied will include Hamlet, The Things They Carried, The Kite Runner, and other selected novels and plays.

### **ENGLISH 12 -ADVANCED PLACEMENT LITERATURE & COMPOSITION (P)**

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

One year - Alternative to Modern World Literature (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 survey nineteenth and twentieth century literature from around the world. The course will use The Bedford Introduction to Literature and will include, in addition, selected short stories, poetry, drama, and novels. Students will also be introduced to literary theory. Critical skills of exposition and analysis will be developed through a series of papers.

### **CREATIVE WRITING (P)**

Year (12); Prerequisite: Grade of B or better in current English class

One semester - Elective

Meets UC and CSU a-g criteria (g)

This senior elective will introduce students to creative writing through short stories and poetry. Each student will have an editorial role in the production of the school literary magazine, Amused, and will be encouraged to submit work for publication.

### **EXPOSITORY WRITING (P)**

Year (12); Prerequisite: Grade of B or better in current English class

One semester - Elective

Meets UC and CSU a-g criteria (g)

This senior elective modeled after a first-year college composition course is designed to improve the expository writing skills that students will need to survive in all college courses. Students will practice a variety of essay forms: definition, argumentation, persuasion, comparison, cause/effect, and classification. Students will learn how to write within time limits and how to edit their own work. Essays will be read and discussed in class, as will the points of grammar and usage.

### **JOURNALISM (P)**

Year (10,11,12); Prerequisite: B 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.

### **DEBATE I (P)**

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

One year - Elective

Meets UC and CSU a-g criteria (b)

The practice as well as the theory of debate will be emphasized. The basics of argumentation, as well as all forms of persuasive and logical speaking, will be covered. Students will be taught to research, outline, take notes, organize material to improve critical thinking, writing and speaking. At the end of the course, students will be able to present their thoughts in a well-organized and logical manner as well as be able to critically evaluate important written and oral arguments in current events. Students will be required to attend two debate tournaments per semester.

### **DEBATE II, III, IV**

Year (10, 11, 12); Prerequisite: Successful completion of preceding Debate course or instructor approval

One Year-Elective

### **ESL LAB – English as a Second Language Lab**

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

One year - Elective

### **ESL 3 - Advanced English as a Second Language (P)**

Year (11); Prerequisite: None

One Year – Required (ESL Students)

Meets UC and CSU a-g criteria (b)

Advanced ESL is a UC-approved English course that satisfies one year of the English or “b” requirement. Students who complete this course receive a year of English credit if they are not Seniors while taking the course. Advanced ESL is designed to prepare and support students who first language is not English. It is intended to prepare students to meet the demands they will encounter in their other rigorous academic courses at school, with particular attention paid to preparing students for classes involving writing (English, History, etc.). In addition to becoming stronger writers, students will be competent with grammar topics, American culture, social skills, and the use of technology in every day school activities. Preparation for English Language Proficiency exams will be emphasized as well.

## **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, 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, similarity and congruence, 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. The use of word problems will be incorporated to enhance the student's problem solving skills in order to facilitate the student's ability to handle 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 be stressed, to facilitate the student's ability to handle a level of complexity beyond that of beginning Algebra. 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 encourage 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.

### **ADVANCED PLACEMENT CALCULUS BC (P)**

Year (11, 12); Prerequisite: Completion of AP Calculus AB and instructor approval

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 encourage 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 second full-year course in differential and integral calculus that is equivalent to an additional college calculus course. The course provides a deeper understanding of the topics covered in Calculus AB, and adds the following new topics: additional applications of integration; additional types of differential equations; Euler's method; parametric, polar, and vector functions; sequences, series, and polynomial approximations. Students study calculus from four perspectives: algebraic, graphical, numerical, and verbal. The course will prepare students to take the Advanced Placement Calculus BC exam in May, as well as prepare them for courses in higher levels of mathematics. 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,) - Elective

Prerequisite: Placement Exam analysis

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**

### **CONCEPTUAL PHYSICS (P) a Laboratory Science Course**

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, ecology and a survey of the six kingdoms.

Contemporary topics such as AIDS and the effects of alcohol and drugs are covered.

**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. NOTE: Students enrolled in this course should take the Advanced Placement Exam and try to receive college credit for this course.

**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.

### **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 (g)

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. NOTE: Students enrolled in this course should take the Advanced Placement Exam and try to receive college credit for this course.

## **SOCIAL SCIENCE DEPARTMENT**

### **WORLD HISTORY (P)**

**Year (10); Prerequisite: None**

**One year - Required**

**Meets UC and CSU a-g criteria (a)**

**\*2019-20 - Open to both 10th & 11th Grade Students**

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) and end with the Rise of Napoleon Bonaparte (1799 – 1812). 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)**

**\*2019-20 - Open to both 10th & 11th Grade Students**

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.

### **U.S. HISTORY (P)**

**Year (11); Prerequisite: None**

**One year - Required**

**Meets UC and CSU a-g criteria (a)**

**\*Not Offered 2019-20**

United States History is a year-long course and students will explore the grand sweep of U.S. history— from the arrival of the very first Americans to 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: Suggested A- or better in World Literature (P) and Summer Assignment.**

**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)**

American Government will focus on the United States Constitution and the 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 perceive their role as politically-aware citizens.

### **PSYCHOLOGY (P)**

**Year (12); Prerequisite: None**

**One semester - Elective**

**Meets UC and CSU a-g criteria (g)**

This introductory psychology course will provide an opportunity to experience a broad spectrum of fields in psychology. The insights, techniques, innovations and research of this social science will

form a base on which to deepen a perception and understanding of the world about us, as well as an opportunity to explore the roots of human behavior, emotion and motivation.

### **BUSINESS MANAGEMENT AND ETHICS**

Year (11, 12); Prerequisite: None

One semester – Elective

Business Management and Ethics is a course designed to introduce upper class students to multiple 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. B.M.E. will address ethical standards expected and required in different industries and professions. Discussion and debate will also include ethical standards incorporated through our Catholic Faith.

## **THEOLOGY DEPARTMENT**

### **OLD TESTAMENT SCRIPTURE**

### **NEW TESTAMENT SCRIPTURE**

Year (9); Prerequisite: None

One year– Required

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**

Semester (10); Prerequisite: None

One semester – Required

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**

Year (10); Prerequisite: None

One semester – Required

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**

**Year (11); Prerequisite: None**

**One semester – Required**

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**

**Year (12); Prerequisites: None**

**One semester – Required**

The goal of life is to become a saint. This course aims to help students discern and follow the particular path to sainthood that God has marked out for them. The course begins by discussing the necessity and process of conversion to faith in and love for Jesus Christ. Then the course examines in turn the particular states of life in which humans are called to work out their salvation and sanctification: the single life, marriage, religious life, and the priesthood.

### **CATHOLIC QUESTIONS & ANSWERS**

**Year (12); Prerequisites: At least two years of high school religion.**

**One semester – Required**

An introduction to the nature and practice of reasoning about revelation, with emphasis on the approach of St. Thomas Aquinas. Topics include the relationship between faith and reason, the Trinity, Christology, Mariology, Sacraments, and the Four Last Things. Writings will include passages from the Fathers and Doctors of the Church such as St. Athanasius, St. Augustine, St. Gregory Nazianzen, and St. Teresa of Avila.

## **VISUAL AND PERFORMING ARTS DEPARTMENT**

### **YEARBOOK-PHOTOJOURNALISM**

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

**One year - Elective**

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.

**ART APPRECIATION: TWO DIMENSIONAL DESIGN (P)**

**Year (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**

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

**One semester - Elective**

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.

**SCULPTURE (P)**

**Year (11, 12); Prerequisite: Art Appreciation (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 appreciate sculpture art and artists from diverse angles and form a relationship between the art making process, development, and its effect on communities and cultures as a whole. 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.

### **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: TWO DIMENSIONAL DESIGN (P)**

**Year (12); Prerequisite: Instructor approval**

**One 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 encourage 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 AP Studio Art 2D 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 previous Art 1 and Art 2 classes or be able to demonstrate, through a portfolio, an ability to create fine art. The AP Studio Art: 2D Design course strives for quality of production and experience in the investigation of drawing, painting, printmaking, and photography styles, techniques 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.

### **INDEPENDENT ART**

**Year (11,12); Prerequisite: Portfolio and signed contract with instructor approval**  
**One year- Elective**

Subjects are to be determined by student and instructor contract. Time and duration will be defined in the contract.

### **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 the 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.

### **MIXED MEDIA & PHOTOGRAPHY**

**Year (11,12); Prerequisites: Signed contract indicating ownership of a 35mm digital camera and responsibility to purchase necessary prints.**  
**One semester - Fall Elective**

This is an introductory course in the fundamentals photography and mixed media. The basic technical skills cover the operation of the DSLR camera. In addition to class critiques, visual

presentations will acquaint the student with the photographers who shaped the medium. Students will be assigned OFF CAMPUS projects to encourage and develop their creative expression in photographic vision. Students must be clear about their responsibility to purchase their own memory card and prints. Students will also have the opportunity to create art projects using the photographs they have taken during the semester. We will be using a variety of mediums including acrylic, fabric, glass and pastels. Limited enrollment: There is a maximum enrollment of 10 students.

### **JAZZ ENSEMBLE (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.

### **RECORDING ARTS**

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

**One Year - elective**

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.

### **AP ART HISTORY (P)**

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

**Year - elective**

**Meets UC and CSU a-g criteria (f) - Pending**

**All students enrolled in AP classes without an equal college prep version available are strongly encourage 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.

## **HISTORY OF MUSIC**

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

**One Semester - elective**

This course will work to 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 modern day hip hop. Students will learn to engage the social implications and societal movements associated with each of the various musical styles, as well as identify the music itself. Bring an active interest and willingness to listen, engage and appreciate music and its rich history. No previous musical training is required for this course.

## **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 five French schools 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 five French schools is available to our students.

### **HONORS FRENCH III (P)**

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

**One year - Elective**

**Meets UC and CSU a-g criteria (e)**

Honors French III is an upper-level 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 "Petit Nicolas" series of short stories are read. An exchange program with five French schools 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 encourage 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 five French schools 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. When possible, guest speakers will

discuss relevant material. 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 his/her 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. 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. Some of the themes that are discussed in the textbook *En Español* include fashion, politics, and the environment. The last month of the class is dedicated to reading a novel completely in Spanish and discussing the book entirely in the target language.

### **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. Homework assignments are mostly handwritten in Spanish, including text copying; sentence and dialogue writing; Spanish to English translation exercises; literary reading and comprehension; guided thematic composition. 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.

### **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 \$94 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. This will prepare the student for the advanced placement test in the Spanish language.

## **INFORMATION TECHNOLOGY DEPARTMENT**

### **DIGITAL CITIZENSHIP**

**Year (9,10); Prerequisite: None**

**One semester - Elective**

St. Vincent de Paul High School feels strongly that all students should be prepared to be good citizens in digital environments, just as they are expected to be good citizens in the physical world.

Topics that will be discussed include: receiving instruction on the safe and proper way to use technology and on digital citizenship topics including internet safety, privacy & security, relationships & communication, cyberbullying, digital footprint & reputation, self-image & identity, information literacy, and creative credit & copyright. In accordance with the Protecting Children in the 21st Century Act, the Federal Communications Commission (FCC) requires schools to educate students about appropriate online behavior. This includes education on interacting with other individuals on social networking websites and in chat rooms and on cyberbullying awareness and response.

### **COMPUTER AND INFORMATION TECHNOLOGIES (P)**

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

**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 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 (g) - Pending

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.

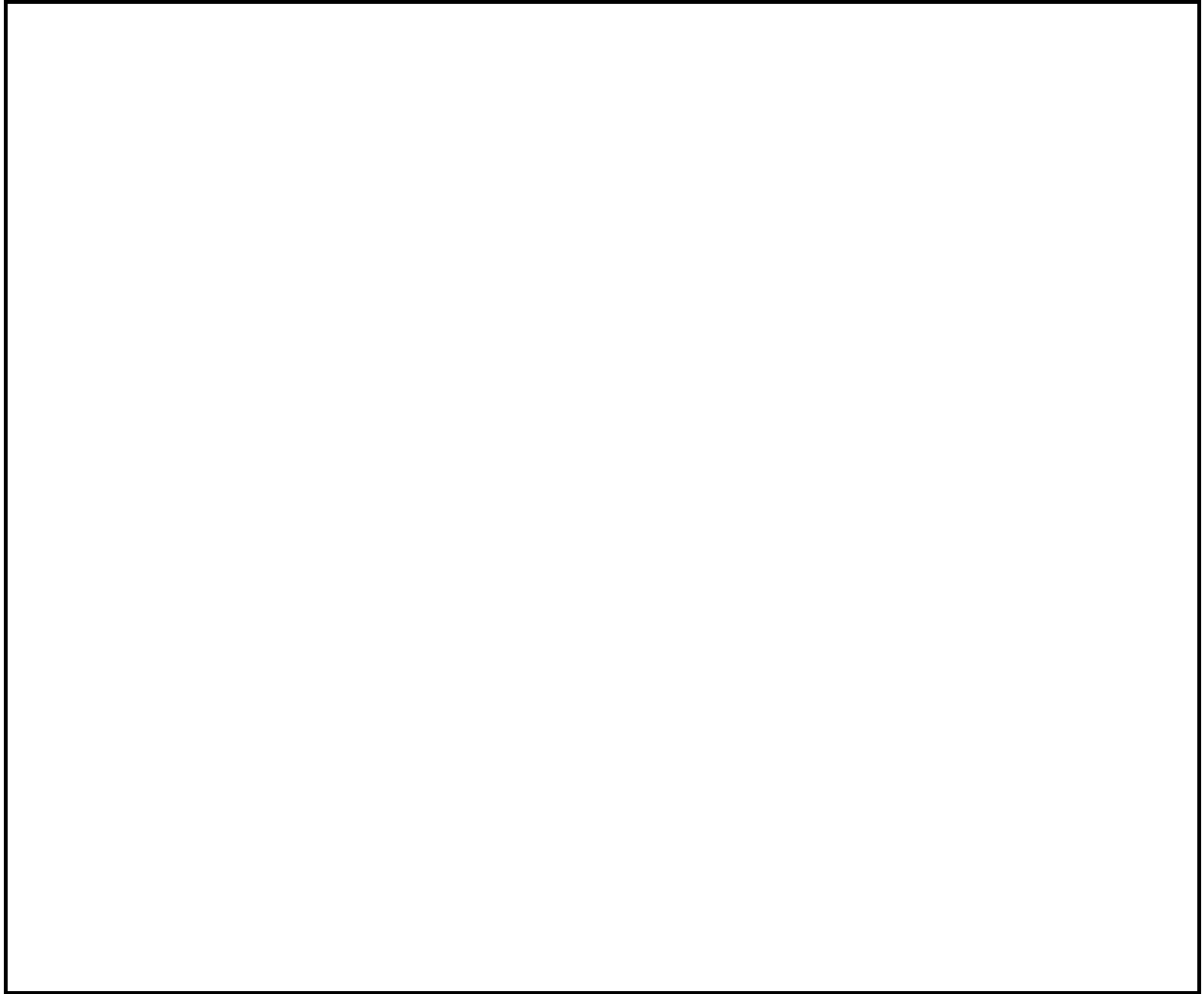
## **PHYSICAL EDUCATION**

### **CO-ED PHYSICAL EDUCATION**

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

One year - 1 year of PE Required

Students will learn and participate in physical conditioning, health awareness, and have an opportunity to appreciate and participate in a variety of sports activities.



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