



ST. PATRICK
ST. VINCENT
CATHOLIC HIGH SCHOOL

Freshman Course Offerings
2020 – 2021

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Four Year Student Planning Guide

Shaded areas indicate department requirements. When planning course selections, be sure that a total of 70 academic credits are chosen for each year.

	9	10	11	12	Required Credits	Rec. Credits
Religious Studies	Christian Scriptures and Mystery of Jesus	Mission of Jesus and Mission of the Church	Sacraments and the Spiritual Life and Christian Morality	Social Justice and World Religions or Health Care Ethics	40	40
English	FCP English I, CP English I or ACP English I	Honors English II or CP English II	AP English or English Elective	AP English or English Elective	40	40
Math	Accelerated Math II, Accelerated Math I or Algebra 1	Honors Pre-Calculus, Accelerated Math II, Geometry or Algebra 1	Honors Pre-Calculus, Pre-Calculus, Algebra II / Trigonometry, Algebra II or Geometry	AP Calculus, AP Statistics, Pre-Calculus, Advanced Math, Data Analysis	30	40
Science	Accelerated Biology, Biology or Earth Science	Honors Chemistry, Chemistry, Physics, Biology or Env. Science	AP Biology, AP Chemistry, Honors Chemistry, Chemistry, Honors Physics, Physics, Anatomy and Physiology, Introduction to Sports Medicine or Environmental Science		30 ²	40
Social Studies		AP World History or CP World History	AP US History or US History	AP US Government or Civics and Economics	30	30
World Lang	French I, Mandarin I, Spanish I, II or Accelerated II, Language & Culture I	French II-IV, Honors III, AP, Mandarin II-IV, Spanish II-V, Accelerated II, Honors III, AP Language and Culture (English as a Second Language) II-IV			20	40
VAPA	Art, Choir, Instrumental Music I or Theatre	Full year of VAPA taken Sophomore, Junior or Senior Year (Art II, AP Studio; Ceramics I, II & III; Choristers I, II & III; Instrumental Music II, III & IV; Theatre II, III or IV; or Studio Production)			20	20
PE / Health	PE And Health	Two semesters of PE taken Sophomore, Junior or Senior Year.			20 ³	20
Electives	Tech. Innovation, Computing with Robotics, Video Editing or Academic Edge. ⁴	Some examples include Technology Innovation & Design, Video Editing, Studio Production I & II, Computing with Robotics, AP Computer Science A, Psychology, Ethnic Studies, American Justice, Personal Finance and 21 st Century Marketing			50 ⁺	
Service Learning	Two days of service	One day of service plus 10 hours of service at one site	35 hours of service at one site with culminating Capstone Project			
Credits Required					270	280

¹ Freshmen may choose to post-pone their VAPA requirement to Sophomore year and take another Freshman elective.

² Effective for the incoming freshman class (2023), SPSV is changing the Science credit requirement from 20 units to 30 units. Students in the graduation classes of 2022 and 2021 must have at least 20 units of Science.

³ Up to two semesters of PE requirement may be waived by participation in two seasons of SPSV varsity athletics.

⁴ Students who take Academic Edge may choose to post-pone their World Languages or VAPA requirement until their Sophomore year.

HUMANITIES COURSE LEVELING SYSTEM

St. Patrick-St. Vincent Catholic High School's Humanities Course Leveling system is designed to ensure that all students are four-year college ready upon graduation.

Fundamental College Prep (FCP) is a two and one half-year, support-based program offered during freshman and sophomore years. The program is uniquely designed to meet the individual academic needs of students who meet the minimum requirements for admission to SPSV but are in need of remediation in language arts and reading skills, specifically in the core subjects of English freshman year and both English and Social Studies Sophomore year. It also has a Study Skills component predicated on developing the skills of time management, note-taking, and active reading. Students in the FCP program are frequently enrolled concurrently in the Academic Edge program.

Students who at the end of their sophomore year who either receive a grade of lower than a B- in the second semester of Fundamental College Prep English II and/or are testing below grade level in reading and writing using an SPSV determined standardized test will be required to take an additional semester of English in order to progress to their junior year.

The College Prep (CP) program is a robust, two-year curriculum that prepares students for entrance to a four-year college or university. The majority of students meet qualifications for our rigorous college prep program. SPSV graduation requirements ensure that students are college-ready.

Accelerated College Prep Program (ACP) The SPSV Accelerated College Prep (ACP) program challenges high-achieving students with rigorous course offerings. Accelerated courses are preparatory courses for Advanced Placement and university courses. Those colleges and universities which make use of Honors and Advanced Placement credits may or may not add Honor credits according to their own policies. The most selective colleges and universities expect that students will successfully complete Honors and Advanced Placement courses.

Students are placed in the ACP program based on their High School Placement Test Score (HSPT), evaluation of the HSPT writing sample and completion of a SPSV placement test. Students who score in the top 25th percentile on the English and writing components of the HSPT will be invited to take the SPSV placement test. Successful completion of the SPSV placement test is required for admission into the ACP program.

Information Regarding Advanced Placement (AP) Courses

SPSV participates in the nationwide College Board's Advanced Placement program of college level instruction in high school by offering Advanced Placement courses. Students enrolling in Advanced Placement courses must meet stated course and grade prerequisites and departmental approval. To maximize the likelihood of successfully completing these courses, students must evidence strong academic skills, high test scores, consistency of performance and self-discipline. Advanced Placement courses are designed to prepare students for the AP exam. Students who do well on the AP exam may qualify for college credit upon entrance at participating colleges. Since the culmination of these courses is the Advanced Placement examinations given in May, SPSV requires all students enrolled in an Advanced Placement course to sit for the Advanced Placement examination in that subject.

UNIVERSITY OF CALIFORNIA

Admission Requirements

The University of California System uses an admissions index to determine which students comprise the top 9 percent of California high school graduates. Students in this category will be guaranteed admission to a UC campus (not necessarily the students' first choice). The intent of the a-g subject requirements is to ensure that students admitted to the University have mastered the academic subjects and skills needed for undergraduate study. Besides minimum preparations, prospective University students are urged to take a full load of challenging courses including Honors level and Advanced Placement courses. It is important that students take the most challenging courses they can complete successfully. Students should also prepare well for the ACT or SAT tests, as well as the SAT Subject area tests (if they choose to take them). The required minimum for eligibility for admission is a GPA is 3.0; however, realistically, most students need at least a 3.5 GPA in the required and recommended curriculum. Most UC campuses and majors have higher minimum standards for admission. Students entering UC must submit scores on an approved core test of mathematics, critical reading, and writing. This requirement can be satisfied by taking either of the following:

- The ACT Assessment plus the optional Writing Test, or
- The SAT with Essay

In addition, all applicants **may** complete SAT Subject Tests in different subject areas: History/ Social Science, English Literature, Mathematics, Laboratory Science or Language other than English.

Are specific SAT subject tests required for admission to certain campuses or majors?

No. Beginning with the Class of 2012, students are no longer mandated to take these tests and you will not be penalized for failing to take the SAT Subject Tests. On the other hand, submission of test scores may add positively to the review of your application. Students may submit scores if they showcase academic mastery, just as Advanced Placement scores show ability and subject mastery. Competitive majors on some campuses may recommend particular SAT Subject Tests to demonstrate subject proficiency (details are posted on the UC website.) Students are urged to take relevant SAT Subject Tests immediately upon completion of associated courses, particularly if the subject area is related to an intended major. Again, students are urged to check campus web sites for the latest testing information. UC will NOT accept the Math Level I subject exam (only Math Level II).

If a student takes the ACT or SAT more than once, will the University use the highest score? Yes. The University uses the highest scores from a single testing administration.

UNIVERSITY OF CALIFORNIA

Admission Requirements

<u>SUBJECT</u>	<u>MINIMUM REQUIREMENT</u>
a. History / Social Sciences	Two years
b. English	Four years
c. Mathematics	Three years (Including Algebra I, Algebra II and Geometry) <i>Four years recommended.</i>
d. Laboratory Science	Two years (Must take a yearlong class in two of the following areas: Biology, Chemistry or Physics) <i>Three years recommended</i>
e. Foreign Language	Two years (Must be the same language) <i>Three years recommended</i>
f. Visual and Performing Arts	One year
g. Approved Electives	One year (must be chosen from the A-G list) <i>more recommended</i>

Grades of C or above in each subject area are the required minimum for both the U.C. and C.S.U. systems. All D's and F's in a-g approved courses must be remediated.

If the number of applicants exceeds the spaces available, the University uses criteria that exceed the minimum requirements to select students. Therefore, meeting the minimum requirements is not always enough to gain admission to a preferred UC or CSU campus.

Admission to the University of California continues to be highly competitive. All eligible applicants are guaranteed admission to one of the nine UC undergraduate campuses; however, only one of the nine is currently accepting all students who meet the minimum eligibility requirements. The other campuses require higher grade point averages, course selections, and admission test scores. It is critical, therefore, that students take the most rigorous courses they can succeed in; prepare and do well on standardized admissions tests (ACT, SAT, SAT Subject Tests), and develop leadership skills through co-curricular activities. To find out more about both subject and scholastic requirements, go to the University of California website www.universityofcalifornia.edu.

CALIFORNIA STATE UNIVERSITY

Admission Requirements

The CSU system is designed for the top one third of all graduating high school students. The UC and CSU systems requirements and admission criteria are in alignment. The minimum requirement is a 2.0, although most students need a 3.0 GPA in the required and recommended curriculum. The SAT or ACT becomes crucial in determining eligibility once the GPA drops below a 3.0 in the required coursework. Several CSU campuses and majors have more competitive standards. Admission to California State University is becoming more competitive each year. The number of campuses that are impacted continues to rise. For more information and profiles of admitted students (GPA, test scores, etc.), go to www.csumentor.edu.

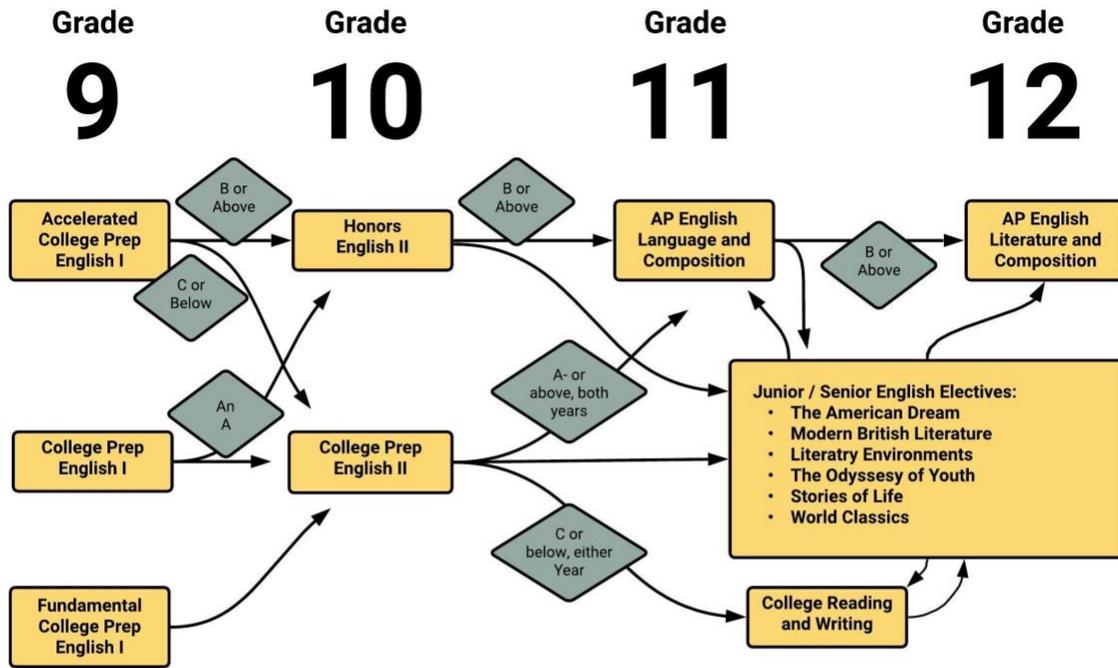
SUBJECT	MINIMUM REQUIREMENT
a. History / Social Sciences	Two years
b. English	Four years
c. Mathematics	Three years (Including Algebra II and Geometry)
d. Laboratory Science	Two years (1 year biological science, 1 year physical science)
e. Foreign Language	Two years (Must be the same language)
f. Visual and Performing Arts	One year (must be a year long course)
g. Approved Electives	One year (must be chosen from the A-G list)

Course Offerings

ENGLISH DEPARTMENT

The St. Patrick-St. Vincent Catholic High School English Department educates in the belief that all the essential components of life - individual and social, historical and scientific, cultural and spiritual - are experienced through the study of literature. During the eight semesters required, the department is committed to developing students who read, reflect, speak, and write both critically and creatively. The department offers a program whose progression of courses challenges students to develop both oral and compositional skills, as well as an understanding for and appreciation of a variety of lives, cultures, and philosophies.

In order to provide students with academic choices in their English curriculum, the department uses a two-year rotating schedule for Junior-Senior level classes.



- ▶ Grades needed to proceed are included in green. Placement is based on both semester grades and departmental approval.
- ▶ Renaissance Star data, Membean score and PSAT scores are considered when making class placements. See Course Description for specific class prerequisites.
- ▶ A placement test is used to determine which English sequence is appropriate for incoming Freshman and transfer students.
- ▶ Junior / Senior English electives are offered on a two year cycle.

Course Name	Course #	Term	UC / CSU Approved?
FUNDAMENTAL COLLEGE PREP ENGLISH I	1109	Year	Yes
<p>This course strives to address weaknesses in basic language arts skills; the primary focus is to build reading comprehension and written expression skills. Students practice active reading skills and read grade level material. Writing instruction addresses a variety of writing traits. Students learn and practice the writing process in their efforts to develop their writing skills. Students study and practice formal oral presentation skills. Students begin their study of vocabulary using the online tool Membean.</p>			
<p>Prerequisites: English I is required of all Freshman</p>			

Course Name	Course #	Term	UC / CSU Approved?
COLLEGE PREP ENGLISH I	1110	Year	Yes
<p>This course addresses the on-going development of reading, writing, and communication skills of students who possess a solid foundation in language arts. Students read a wide variety of literature and study traditional and innovative literary forms and structures. Students learn and practice the writing process in their efforts to develop their writing skills. Students study and practice large- and small-group discussion skills to develop their oral communication abilities. This course seeks to advance critical thinking skills and to explore the relevance of material in a modern context. Students begin their study of vocabulary using the online tool Membean.</p>			
<p>Prerequisites: English I is required of all Freshman</p>			

Course Name	Course #	Term	UC / CSU Approved?
ACCELERATED COLLEGE PREP ENGLISH I	1111	Year	Yes
<p>This challenging course includes elements currently found in CP English I but explores the material in more depth and at an accelerated pace. The main goal of this course is for students to advance their language arts skills. Students read a wide variety of literature and study traditional and innovative literary forms and structures. Students learn and practice the writing process in their efforts to develop their writing skills and study and practice large and small group discussion skills to develop their oral communication abilities. This course seeks to advance critical thinking skills and to explore the relevance of material in a modern context. Students begin their study of vocabulary using the online tool Membean.</p>			
<p>Prerequisites: English I is required of all Freshman.</p>			

MATHEMATICS DEPARTMENT

Course Name	Course #	Term	UC / CSU Approved?
ALGEBRA I	2112	Year	Yes
<p>This standard course in first-year algebra includes a study of real numbers, solving equations and inequalities, functions, systems of equations and inequalities. Additional topics explored include factoring, exponents and exponential functions, quadratic functions and equations, radical expressions and equations, and rational expressions.</p>			
<p>Prerequisites:</p>			

Course Name	Course #	Term	UC / CSU Approved?
ADVANCED ALGEBRA I – GEOMETRY: ACCELERATED MATHEMATICS I	2140	Year	Yes
<p>This is the first-year course of a four-year advanced program designed for students with exceptional abilities and backgrounds in mathematics. It includes the main topics of Algebra I and selected topics from Geometry that include and introduction to points, lines, planes, and angles, deductive reasoning, and parallel lines and planes.</p>			
<p>Prerequisites: Enrollment determined by scores on the High School placement test or Math department placement test and departmental approval.</p>			

Course Name	Course #	Term	UC / CSU Approved?
GEOMETRY – ALGEBRA II: ACCELERATED MATHEMATICS II	2240	Year	Yes
<p>This is the second-year course of a four-year advanced math program. It includes the topics in Geometry that is not covered in Accelerated Mathematics I, such as congruent triangles, quadrilaterals, polygons, trigonometric functions for solving right triangles, circles, areas of plane figures, and areas and volumes of solids. Reasoning techniques will also be applied in creating proofs that support logical progression of thought and reasoning. During the second semester, topics in Algebra II, with the exception of analytic geometry and trigonometry, will be explored.</p>			
<p>Prerequisites: Department approval and any of the following:</p> <ul style="list-style-type: none"> • B or higher in Accelerated Mathematics I • A in Algebra I, completion of semester 1 of Geometry over the summer with B- or higher at Arrupe Virtual Learning Academy or local community college and department approval / placement test. 			

PHYSICAL EDUCATION

St. Patrick-St. Vincent Catholic High School's PE department is designed to help students become keenly aware of lifelong physical fitness, health, nutrition and wellness.

All students must complete the one year-long PE 1 & Health course and two additional semesters of departmental coursework for graduation:

- Freshman are required to take the year-long PE and Health class. PE focuses primarily on cardiovascular, strength and coordination development with proper bio-mechanics. Health units that explore emotional, environmental, mental, physical, social and spiritual health will also be included. Schoology is heavily used in this course to communicate with students about class information and assignments.
- The two semester-long requirements may be completed through an approved PE elective or waived if a student *fully participates* in two seasons of SPSV interscholastic (i.e. non-club) sports at the varsity level.

Ten Physical Education credits may be waived if a student participates in a season of a sport as a varsity player. One season of full participation waives **one** semester (5 credits) of physical education. Two seasons of full participation waive **two** semesters (10 credits) of physical education. Thus, a student is not required to take a second year of physical education (two additional semesters after freshman year) in order to graduate. Neither credits nor a grade are given, but the physical education requirement for graduation is waived. The "Verification of Varsity Athletics Participation" form can be downloaded from the school website, completed, and submitted to the school registrar at the completion of the season.

Classes are run subject to student interest and enrollment. Each year SPSV's PE department conducts a survey of student interest to determine which PE electives will be offered the following year.

Course Name	Course #	Term	UC / CSU Approved?
PHYSICAL EDUCATION & HEALTH	8110	Year	No
<p>During Physical Education emphasis is placed on cardiovascular, strength, and coordination development with proper bio-mechanics. Some sports and activities include agility drills, athletic stance, basketball, conditioning, flag football, fitness testing, juggling, softball, soccer, and track and field. iPads will be used in a variety of ways such as to record student performance, capture images, watch instructional videos, track progress of results from fitness tests and for Schoology access.</p> <p>Health class is divided into six categories; emotional, environmental, mental, physical, social and spiritual. While exploring these categories, students will use the decision-making process in topics including, but not limited to family/peer relationships, nutrition, self-esteem development, sustainable living and values. iPads will be used for the on-line ebook, to connect to various internet resources, creating research documents and for Schoology access.</p>			
Prerequisites: Required of all Freshman.			

RELIGIOUS STUDIES DEPARTMENT

St. Patrick-St. Vincent Catholic High School requires students to complete eight semesters of Religious Studies in order to graduate. Rooted in the mission of Catholic education, Religious Studies courses at SPSV are directed toward formation of the human person in light of one's ultimate destiny, authentic moral values, and the common good of society. A fundamental goal of the Religious Studies curriculum is for students to develop a faith which seeks understanding. Students increase their knowledge of the faith and tradition of the Catholic Church by examining theological issues in a sequence of courses which are centered on sacred scripture, the life and teaching of Jesus, ethics and justice, and Christian spirituality.

Course Name	Course #	Term	UC / CSU Approved?
CHRISTIAN SCRIPTURES	160	Semester	No
<p>This course provides a foundation for the study of religion at the Catholic high school level. Students develop a general knowledge and appreciation of the Christian Scriptures, both the Old and New Testaments. In the course, students learn to read and understand biblical texts, the major sections of the Bible, and important themes and people found in the stories. This class invites students to build community and discover new things about themselves and what they want out of high school and life in general.</p>			
<p>Prerequisites: Required of all Freshman.</p>			

Course Name	Course #	Term	UC / CSU Approved?
THE MYSTERY OF JESUS	170	Semester	No
<p>The purpose of this course is to develop an understanding of <i>revelation</i> and <i>mystery</i> as they relate to the Christian understanding of the nature of God. Special focus is given to the person of Jesus. In learning about who God is and the manner in which Jesus invites us to live our lives, students learn who He calls them to be. Students will read the Scriptures through the lens of the contextualist, leading to a fuller appreciation of the Revelation of God found in our sacred writings.</p>			
<p>Prerequisites: Required of all Freshman.</p>			

SCIENCE DEPARTMENT

The St. Patrick-St. Vincent Catholic Science Department offers a full range of courses with the belief that a substantial experience in natural science is needed by every college-bound student. Although three years of science are needed for graduation, students are encouraged to take four years of science from the many course options that we offer.

All incoming freshman will be offered the opportunity to take a Placement Exam. The results of the HSPT placement exam will determine which of the three options (Earth Science, Biology, or Accelerated Biology) would be the best placement. Students who take Earth Science in their freshman year may take Biology in their sophomore year. After successful completion of Biology students are offered a diverse list of sciences depending on interest and academic performance. All courses provide students with opportunities to develop skills in forming hypotheses, interpreting data, and drawing conclusions. In each course, science as a process is the unifying theme.

Science Department Course Sequence

Freshman	Sophomore	Junior	Senior
Earth Science	Biology Or	Chemistry or Physics <i>(B- or better in Biology and Algebra I)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(A- in Chem or Physics)</i> Anat/Phys (C- in Chem) Sports Med (C in Biology)
	Accelerated Biology <i>(based on teacher recommendation)</i>	Honors Chemistry Honors Physics <i>(By application)</i>	Physics or Chemistry AP Chem, AP Bio, H Physics or H Chem <i>(B- or better in H Chem or H Physics)</i> Anat/Phys (C- in H Chem) Sports Med (C in Biology)
		Environmental Science <i>(C in Biology OR Algebra I)</i>	Chemistry or Physics <i>(B- or better in Environmental Science and Algebra I OR Geometry)</i>

Freshman	Sophomore	Junior	Senior
Biology	Chemistry or Physics <i>(B- or better in Biology and Alg. I)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(A- in Chem or Physics)</i> Anat/Phys <i>(C- in Chem)</i> Sports Med <i>(C in Biology)</i>	
	Honors Chemistry Honors Physics <i>(By application)</i>	Physics AP Chem, AP Bio, H Physics or H Chem <i>(B- or better in H Chem or H Physics)</i> Anat/Phys <i>(C- in Chem)</i> Sports Med <i>(C in Biology)</i>	
	Environmental Science <i>(C in Biology OR Algebra I)</i>	Chemistry or Physics <i>(B- or better in Environmental Science and Algebra I or Geometry)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(A- in Chem or Physics)</i> Anat/Phys <i>(C- in Chem)</i> Sports Med <i>(C in Biology)</i>
Accelerated Biology	Chemistry or Physics <i>(B- or better in Biology and Algebra I)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(A- in Chem or Physics)</i> Anat/Phys <i>(C- in Chem)</i> Sports Med <i>(C in Biology)</i>	
	Honors Chemistry Honors Physics <i>(By application)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(B- or better in H Chem or H Physics)</i> Anat/Phys <i>(C- in H Chem)</i> Sports Med <i>(C in Biology)</i>	
	Environmental Science <i>(C in Biology OR Algebra I)</i>	Chemistry or Physics <i>(B- or better in Environmental Science and Algebra I or Geometry)</i>	Chemistry or Physics AP Chem, AP Bio, H Physics or H Chem <i>(A- in Chem or Physics)</i> Anat/Phys <i>(C- in Chem)</i> Sports Med <i>(C in Biology)</i>

Note: Algebra I refers to the one year course only. See course descriptions for more detail.

Course Name	Course #	Term	UC / CSU Approved?
EARTH SCIENCE	3135	Year	Yes
<p>This course covers the formation and history of the Earth with an emphasis on Bay Area geology. Topics covered include, geology, oceanography, and basic chemistry. Scientific methods and critical-thinking are developed through hands-on activities and study skills. Students will learn to develop their scientific writing skills and data analysis. Current events and technological advancements that affect the earth are emphasized in the course.</p>			
<p>Prerequisites: None</p>			

Course Name	Course #	Term	UC / CSU Approved?
BIOLOGY	3212	Year	Yes
<p>This course introduces the major biological concepts including chemistry, cytology, microbiology, genetics, taxonomy, ecology, anatomy, physiology, and evolution. Students work on a critical-thinking approach to problem-solving through the use of the scientific method and hands-on instruction. Students are required to perform laboratory experiments and exercises and acknowledge the technological advancements that are constantly changing the lives of those on Earth.</p>			
<p>Prerequisites: Placement test results or successful completion of Earth Science.</p>			

Course Name	Course #	Term	UC / CSU Approved?
ACCELERATED BIOLOGY	9652	Year	Yes
<p>This course introduces the major biological concepts including chemistry, cytology, microbiology, genetics, taxonomy, ecology, anatomy, physiology, and evolution. Students work on a critical-thinking approach to problem-solving through the use of the scientific method and hands-on instruction. Students are required to perform extensive laboratory experiments and exercises and to acknowledge the technological advancements that are constantly changing on Earth. The course is fast-paced and outside reading and extensive projects are required. This course is available to freshmen. Sophomores may take the course based on teacher recommendation and space available.</p>			
<p>Prerequisites: Placement test scores and departmental recommendation.</p>			

TECHNOLOGY AND ENGINEERING DEPARTMENT

The purpose of the Technology and Engineering Department at St. Patrick-St. Vincent Catholic High School is to provide all students with the related tools they will need to succeed at SPSV, in college, and in life after college.

Technology and Engineering courses are offered as electives. Therefore, these courses allow students to explore programming, coding, software applications, design, and engineering skills. Although we strive to develop young adults who are competent in these disciplines, our larger goal is to help students to become discerning, compassionate learners of these new technologies who will use their abilities to help make themselves and their surrounding communities more aware, loving, and just members of the global community.

Students who want to major in engineering in college should strongly consider taking five math courses in their four years at SPSV.

Course Name	Course #	Term	UC / CSU Approved?
TECHNOLOGY INNOVATION & DESIGN I	6111	Year	Yes
<p>Technology Innovation and Design is a project-based course which challenges students to be ingenious in solving real word problems using 21st century tools. At the completion of the course students will become proficient at using such technologies as Computer Aided Design (CAD) Programs, 3D printers, 3D laser-cutters and multimedia equipment. Students will apply these skills to solve problems through the design and implementation process. In doing so students will be addressing the Engineering Performance Expectations in the Next Generation Science Standards.</p>			
<p>Prerequisites: A Math Grade Equivalent score (GE) score of 9.0 or higher on the High School Placement Test or successful completion of Algebra I. Subject to sufficient enrollment.</p>			

Course Name	Course #	Term	UC / CSU Approved?
COMPUTING WITH ROBOTICS	6595	Year	Yes
<p>This introductory class focuses on integrating computing and robotics with hands-on project-based learning. Students will be introduced to innovative computing and robotics technologies with C-STEM Studio and RoboBlockly and the programming languages of C/C++.</p> <p>This course is based on curriculum provided by UC Davis C-Stem Center's <i>Computing with Robotics</i>. This course will serve as an entrance requirement for AP Computer Science A.</p>			
<p>Prerequisites: A Math Grade Equivalent score (GE) score of 9.0 or higher on the High School Placement Test or successful completion of Algebra I. Subject to sufficient enrollment.</p>			

Course Name	Course #	Term	UC / CSU Approved?
VIDEO EDITING	9680	Year	Yes
<p>Video Editing class will introduce important skills applied to professional video editing. Picture composition, camera movement, lighting and sound recording, electronic news gathering (ENG), and professional editing processes will be featured. Projects include music video, interview, instructional video, and narrative video. Students will also learn proper script writing process.</p>			
<p>Prerequisites: None. Subject to sufficient enrollment.</p>			

VISUAL AND PERFORMING ARTS

The St. Patrick-St. Vincent Catholic High School's Department of Visual and Performing Arts continues to fulfill a long-standing tradition of arts in Catholic Education. Probably more than any other form of expression, the arts are cross-cultural and transcend all social and economic barriers. We believe that education in the arts is an invaluable tool in building multicultural understanding and self-esteem. By nurturing creativity in young people, the Visual and Performing Arts Department is helping them develop skills and learn methods and techniques they can use throughout their lives.

Active participation in the arts allows each student to develop a unique perspective and experience of the human condition. The department emphasizes personal growth while encouraging students to work both creatively and analytically. Students will be challenged creatively by abstract problem-solving tasks, and will acquire and develop various skills and techniques in the process.

Course Name	Course #	Term	UC / CSU Approved?
ART I	7500	Year	Yes
This is an introductory art course designed to encourage visual exploration and broaden horizons in the search for personal expression. The elements and principles of design are emphasized through every project with required textbook readings. Technical skills are built through the use of specific art materials and processes.			
Prerequisites: Fee for art materials is \$50.00.			

Course Name	Course #	Term	UC / CSU Approved?
CERAMICS I	7600	Year	Yes
This class is designed for students who have an interest in working with clay and gives students experiences in making functional as well as sculptural pieces, using a variety of techniques. Well thought out forms, designs and functional uses along with good craftsmanship are emphasized. Students will create works of art in clay utilizing the processes of hand building using coils and slabs as well as wheel throwing, learn to make a glaze using raw chemicals according to a recipe, glaze their projects and learn about the method used to fire their works.			
Prerequisites: A C- or higher in Art I. Fee for art materials is \$50.00.			

Course Name	Course #	Term	UC / CSU Approved?
CONCERT CHOIR	7850	Year	Yes
<p>This class is open to all students, grades 10-12. Singers learn to sing correctly, with proper breathing technique and posture. As a result of this habitual practice, students become more disciplined in their approach to music. Students gain the ability to read music through the learning of music theory. The students learn and develop an appreciation for a variety of styles of music in a variety of languages. Concert Choir students take pride in their achievements and perform in three concerts during the school year: Fall, Christmas, and Spring.</p>			
<p>Prerequisites: None.</p>			

Course Name	Course #	Term	UC / CSU Approved?
INSTRUMENTAL MUSIC I	7900	Year	Yes
<p>This class aims to expose students to the foundational principals, concepts, and mechanics of collaborative music through the applied medium of a wind ensemble. Participants will compile a set of skills through individual discipline and group cooperation. By learning the rudiments of musical practice and performance, Introductory Wind Ensemble members will be pursuing skills in leadership, personal accountability, creative and critical thinking, personal expression, and teamwork.</p> <p>Students will become proficient in the pillars of music, including a sound understanding of musical structure and notation, deciphering of basic rhythms, and the individual techniques of applied instruments and their roles in the ensemble. With emphasis on personal accountability, students will become proficient in the skills of musical preparation, personal practice techniques, ensemble rehearsal techniques and etiquette, as well as understanding the historical and contextual settings of performance material. The Wind Ensemble will give a minimum of two concerts each school year. Additional performances may be seasonal, competitive, or in support of other organizations and/or functions within the school. Attendance at all rehearsals and concerts is mandatory.</p>			
<p>Prerequisites: Prior musical experience is beneficial; however it is not mandatory. Students may use their own musical instrument or rent from the instructor for a small fee.</p>			

Course Name	Course #	Term	UC / CSU Approved?
THEATRE ARTS I	7710	Year	Yes
<p>In this quickly paced class, students will learn basic acting techniques and strategies through games, scene work, and ensemble discussion. Ensemble building will be the primary focus of the first semester, thus working in teams cooperatively is a vital skill to build during this time. Instructional units will emphasize vocal variety, atmosphere, reaction assessment, character status, and projection. Composition of original material will be the foundation for student projects. Students will also encounter role-playing production games that feature activities that represent the full process of a community theatre production. The ensemble will also perform in the annual Festival of the Arts in May.</p>			
<p>Prerequisites: None</p>			

WORLD LANGUAGES DEPARTMENT

Saint Patrick- Saint Vincent Catholic High School offers courses in French, Mandarin and Spanish that fulfill the graduation requirement of 2 years of study. Students are advised to follow the UC recommendation of three years of study in the same language and encouraged to advance their level of proficiency by continuing the study of a world language beyond the years required to reach the ultimate goal of communicative competence. Language study is an excellent way for students to develop an appreciation for other cultures and to expand their worldview to include the vast diversity of the global community.

World Language courses are organized around the five essential elements/strands of world language study – the five **Cs** of foreign language education as defined in the National Foreign Language World Readiness Standards by ACTFL: **C**ommunication, **C**ultures, **C**onnections, **C**omparisons, and **C**ommunities. “These five “C” goal areas stress the application of learning beyond the instructional setting. The goal is to prepare learners to apply the skills and understandings measured by the Standards, to bring a global competence to their future careers and experiences. (Actfl.org, World-Readiness Standards for Learning Languages).

Course Name	Course #	Term	UC / CSU Approved?
FRENCH I	4122	Year	Yes
<p>This course introduces students to listening, speaking, reading and writing in French. A basic vocabulary and the most common language patterns are taught. Cultural information related to the Francophone world is emphasized. French 1 learning includes: oral presentations, video projects, games, and other interactive activities. Course is required to be eligible for the SPSV France trip.</p>			
<p>Prerequisites: None.</p>			

Course Name	Course #	Term	UC / CSU Approved?
MANDARIN I	4001	Year	Yes*
<p>Mandarin 1 is an introductory course for non-Chinese speaking students who until now have had little in-depth exposure to the intricacies of the Mandarin Chinese language and the cultures of Chinese-speaking countries. The main objective of Mandarin 1 is to develop a strong foundation in the four language skills: speaking, listening, reading and writing. Focus will be on developing student speaking and listening skills, pronunciation and proper grammar usage in high-frequency common communicative settings, such as introductory greetings, family descriptions, time, hobbies and home etiquette. Students will also be able to accurately write and depict Chinese characters (Hanzi), effectively develop their phonetic understanding of Hanyu Pinyin and begin to associate the tonal qualities of Mandarin Chinese into their pronunciation.</p>			
<p>Prerequisites: None. Subject to sufficient enrollment.</p>			

Course Name	Course #	Term	UC / CSU Approved?
SPANISH I	4112	Year	Yes
<p>This course is designed to welcome students into language learning. It provides a solid foundation in structures and vocabulary and common language patterns in the Spanish language. It also provides practice for listening, speaking, reading, writing. Students will study seven Hispanic countries and their cultures and will make connections and comparisons between their cultural experience and the cultural experience of teenagers in the Hispanic countries. Another goal of this course is to help the students recognize that they are participants in multilingual communities at home and in other countries around the world.</p>			
<p>Prerequisites: None.</p>			

Course Name	Course #	Term	UC / CSU Approved?
SPANISH II	4212	Year	Yes
<p>Spanish II is designed to further student's language proficiency. Students review and incorporate key concepts from Spanish I, but are exposed to more complex vocabulary and grammatical lessons. New instruction includes learning how to speak and write in the Past Tense (both Preterite and Imperfect). Students will also increase their own use of the Target Language through more conversational group/partner work, and they will also complete more advanced projects such as short essays and oral presentations in front of the class. Students will gain all the tools necessary to be successful in future Spanish courses at SPSV and beyond.</p>			
<p>Prerequisites: 70% or higher in Spanish I and departmental recommendation or challenge test.</p>			

Course Name	Course #	Term	UC / CSU Approved?
ACCELERATED SPANISH II	4213	Year	Yes
<p>Accelerated Spanish II is a class that incorporates many of the same concepts as Spanish II, however, while the Accelerated class may utilize the same textbook series as Spanish II, the pacing of the class is noticeably faster paced. As a result, students will be exposed to advanced grammar such as the Subjunctive that will not be new to them once they reach the Spanish III level. Additionally, this course is taught exclusively in Spanish with the lone exception of instruction of especially difficult grammatical concepts. Students will also use the Target Language at a higher level than the standard Spanish II course, and their projects will be more in-depth and push their creativity to a higher degree. This course is a wonderful way to help ensure that students will be successful in Spanish III Honors and any other advanced courses such as AP Spanish.</p>			
<p>Prerequisites: 90% or higher in Spanish I and departmental recommendation or challenge test.</p>			

NON-DEPARTMENTAL COURSE OFFERINGS

Course Name	Course #	Term	UC / CSU Approved?
ACADEMIC EDGE	8645	Year	No*
<p>This course provides valuable skills needed for a successful transition into high school. Topics explored will include study skills (time management, organization skills, and preparation for tests/exams). Special emphasis will be placed on college prep writing. Focused, small-group study sessions provided by academic teachers of various subjects and the course instructor are an integral component of this course.</p>			
<p>Prerequisites: 9th Grade enrollment based on data gathered in the admissions process.</p>			

*10 units of Non-Academic Credits

Service Learning

PHILOSOPHY

The goal of the Service Learning program at St. Patrick-St. Vincent Catholic High School is to develop and foster in our students a genuine desire to help others and become actively involved in building the Body of Christ. A call to service is a basic call from Jesus to all Christians; thus service is a part of our curriculum and lifelong education.

MODEL

The SPSV Service Learning program is a project-centered model. The aim of such a model is to expose students to different forms of ministry through service to others, giving the student an opportunity to find an area and need suited to their gifts. The length of each project is dependent upon the type and complexity of that particular project. There is a 15-hour minimum for Sophomore year, and a 35-hour minimum for Junior and Senior year combined. Freshmen are required to work two service events.

Each student is required to log their hours on the MobileServe app, validating their work, as well as completing a reflection in their religion class. The reflection process is vital to integrating this new experience in one's world perspective and achieving a high level of understanding and moral awareness.

PROGRAM OVERVIEW

FRESHMEN

Freshmen will participate in two service events during the school year.

- During the Fall Semester, all freshmen will participate in the **Coastal Cleanup Day**. They will spend some time in class learning about the impact of pollution on our environment and will study ways of mitigating these problems. They will then spend a morning helping local organizations during the Coastal Cleanup Day at various locations in the community. A short in-class assessment will follow.
- During the Spring Semester, all freshmen will participate in making **Bagged Lunches**. They will spend some time in class learning about hunger issues affecting those less fortunate in our community. Students will accumulate supplies for the lunches in Advisory, then spend a morning assembling bagged lunches that will be distributed to a local food organization. A short in-class assessment will follow.

SOPHOMORES

- One (1) class-wide project. Details of this project will be announced in religion class.
- Immersion day trip to St. Anthony Foundation in San Francisco
- An additional 15 hours of independent volunteer work at one site dealing with issues related to youth. Students may use a site from SPSV's official list of approved organizations (preferred), or they may find their own assignment. Any assignment not on SPSV's official list must be approved by the Service Learning Coordinator before the student begins work. Students must log their hours on the MobileServe app.

CAPSTONE PROJECT FOR JUNIORS / SENIORS

Starting the 2nd quarter of Junior year, SPSV students will embark on their Capstone Project. The program is designed to incorporate the various elements of the IPARD/C method of service learning: **I**nvestigate, **P**repare and **P**lan, **A**ct, **R**eflect, and **D**emonstrate/**C**elebrate.

- Junior Year--Fall Semester (2nd Qtr)
Students will **investigate** problems of interest in their community and **plan** ways in which they will meet the community need. These steps will occur in religion class.
- Junior Year--Spring Semester
After careful planning and approval, students will put their plans into **action**, using at least one of the four ways of providing service: direct, indirect, research, and advocacy.
- Senior Year--Fall Semester
After students put their plans into action, they will **reflect** on how their actions impacted their community and the ways in which their work contributes to the common good.
- At the end of the Capstone Project, students will **demonstrate and celebrate** their achievements through an in-class presentation. Select projects will be showcased in a TEDx event hosted by SPSV.

Students must complete no less than **35 hours** of off-campus community service during their Capstone Project. Of these 35 hours, 25 must be "core" hours related to their service project. The other 10 may be other volunteer work.

Students may use a site from SPSV's official list of approved organizations (preferred), or they may find their own assignment. Any assignment not on SPSV's official list must be approved by the Service Learning Coordinator before the student begins work. If a student does not obtain prior approval before volunteering, any hours worked will not count. Students must log their hours on the MobileServe app.

Please note: St. Patrick – St. Vincent Catholic High School or it's designated representative reserves the right to modify this handbook at any time.

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