



ST. LUCY'S
PRIORY
HIGH SCHOOL

COURSE DESCRIPTION GUIDE

2019-2020

655 West Sierra Madre Ave., Glendora, CA 91741
MAIN OFFICE (626) 335-3322 | ATTENDANCE (626) 963-6711
DEVELOPMENT (626) 963-0017 | GYM (626) 335-1410

HOW TO USE THIS COURSE DESCRIPTION GUIDE

This COURSE DESCRIPTION Guide will help students make the best-informed selection of high school courses.

Subjects fall into four general categories:

1. Subjects that must be taken to graduate from St. Lucy's
2. Subjects that must be taken to meet college/professional school requirements
3. Subjects chosen to broaden the understanding of the world
4. Subjects that may help prepare for a particular career

Before selecting any class, the following considerations should be made:

5. Success in similar classes
6. Special interests and abilities
7. Plans for college/career
8. The advice of parents, teachers/counselors who have knowledge of past performance and ability.

Page 2 of the booklet explains the St. Lucy's Priority High School's graduation requirements.

Pages 3-4 discuss the requirements needed for various colleges after graduating from St. Lucy's.

Pages 6-35 give a brief description of each class offered at St. Lucy's next year, as well as any special requirements or prerequisites needed for specialized classes.

ST. LUCY'S PRIORY HIGH SCHOOL GRADUATION REQUIREMENTS

Subject	9	10	11	12	Req. Total Credits
Religion	10	10	10	10	40
English	10	10	10	10	40
Social Studies		10	10	10	30
Foreign Language (Levels I & II)	10	10			20
Mathematics	10	10	10		30
Science	10	10	10		30
Visual & Performing Arts		10			10
Physical Education	10				10
Electives			10	30	40

These credits are normally earned by the student graduating from St. Lucy's. Under certain circumstances, the administration may allow a student to have up to 10 fewer credits or to make substitutions for required classes. All such decisions, however, are made after an administrative review of the student's individual circumstances.

Grade Point Average (G.P.A.)

Calculation of G.P.A.

A= 4 points; B = 3 points; C = 2 points; D = 1 point

G.P.A. for Honors Level Courses

Students who take demanding, advanced academic courses in high school strengthen their preparation for university work and increase their chances of success. To encourage students to take such classes, UC and CSU give extra weight to grades earned in up to 8 semesters of A.P. or honors level courses. The classes given extra credit (A=5 points, B=4 points) must be taken in the last 2 years of high school.

AP classes or Chemistry Honors taken in sophomore year will also be weighted.

The AP Exam is considered a part of the AP course. Students who enroll in AP classes must take the AP Exam to gain the extra grade point credit.

To enroll in Honors (HP) or Advanced Placement (AP) courses students must qualify with the required prerequisite.

Advanced Placement Courses

An Advanced Placement course is taught as a college level course and follows the COURSE DESCRIPTION provided by the College Board Advanced Placement Program. The AP program is for students with exceptional ability, commitment and interest in the subject. All students enrolled in AP courses are required to take the AP exam in May to earn the weighted grade for the course. A maximum of three A.P. classes per year may be taken.

Students seeking to enroll in an AP course must meet the prerequisites stated in this *COURSE DESCRIPTION GUIDE* and follow the prescribed approval procedures set by each department. Students who do not meet prerequisites will not be enrolled in an AP course.

Honors Courses

An Honors level course is designed to challenge students with above average ability and motivation. The pace is accelerated and the content advanced.

A freshman is placed in an honors course based on entrance exam scores. Placement for students at all other levels is based on previous course performance and/or G.P.A.

Students seeking to enroll in an honors course must meet the prerequisites stated in this *COURSE DESCRIPTION Guide* and follow the prescribed approval procedures set by each department. Students who do not meet prerequisites will not be enrolled in an honors course.

REQUIREMENT OVERVIEW FOR COLLEGE SYSTEMS

CALIFORNIA STATE REQUIREMENTS

Any student who fulfills St. Lucy's requirements for graduation has automatically fulfilled all state academic requirements for graduation.

Units Granted:

- 5.0 units - Semester class
- 10.0 units - Yearlong class

UNIVERSITY OF CALIFORNIA AND CALIFORNIA STATE UNIVERSITY

(1 unit = a one-year course)

- A) History: 2 units - One of World History and one of U.S. History or U.S. Government (for CSU, the World History may be replaced by another social science)
- B) English: 4 units- College preparatory English combines composition and literature
- C) Mathematics: 3 units- College Preparatory Mathematics, which includes Algebra 1, Geometry, and Algebra 2 (4 units recommended)
- D) Laboratory Science: 2 units - Laboratory Science courses. One year of life science and one year of physical science chosen from Biology, Chemistry (or Physical Science for CSU only), or Physics Three (3) units recommended.
- E) Foreign Language: 2 units - Levels 1 and 2 of the same language (3 units recommended)
- F) Visual & Performing Arts: 1 unit- (yearlong course)
- G) College Preparatory Electives: 1 unit - One unit in addition to those required in A through F to be chosen from the following subject areas: history, English, advanced mathematics, laboratory science, foreign language, social science, and visual and performing arts. (In general, elective courses should involve considerable reading and should aim to develop a student's analytical and reasoning ability and skill with written and oral exposition.)

THE UNIVERSITY OF CALIFORNIA

The schools in the U.C. system are: Davis, Berkeley, San Francisco (for upper division and graduate students in medical field only), Santa Cruz, Santa Barbara, Los Angeles (UCLA), Irvine, Riverside, San Diego and Merced.

Examination Requirements:

ONE APTITUDE TEST - either the SAT with Writing or the ACT with Essay.

The UC/CSU GPA is based on sophomore and junior years, college prep classes only. A student with a grade point average of 3.45 or higher on the a-g requirements will probably be accepted to the system but not necessarily to her first-choice campus or major. The student with a G. P. A between 3.45 and 3.0 must meet the specific required scores of the Eligibility Index. The student with less than a 3.0 is not eligible. The Eligibility Index uses the G.P.A and the results of the SAT or ACT.

CALIFORNIA STATE UNIVERSITIES Southern

California: Northridge, Los Angeles, Dominguez Hills, Long Beach, Fullerton, Cal Poly Pomona, San Bernardino, San Diego, San Marcos and Channel Islands.

Central and Northern California: Bakersfield, Fresno, Cal Poly San Luis Obispo, Stanislaus, San Jose, East Bay, Sacramento, San Francisco, Sonoma, Chico, Humboldt, Monterey Bay, and California Maritime Academy.

First-time freshman eligibility for the State Universities is governed by the Eligibility Index. The Index is computed using the high school G.P.A. on A-G course work completed in the sophomore and junior years of high school and the results of either the ACT or SAT.

Students with G.P.A.s below 2.0 are not eligible. Students with G.P.As above 2.99 are eligible with any test score.

California State Universities also give extra weight for up to 8 semesters of A. P. or Honors Courses.

Keep in mind that eligibility for both U.C. and C.S.U. describes minimum requirements. Selection criteria at impacted (overcrowded) campuses are usually much higher.

PRIVATE COLLEGES/UNIVERSITIES

Each Catholic college, private college or university has its own set of requirements for freshman admission. Individual college catalogs and websites for specific high school course requirements are important to check. Naviance, www.collegeboard.org and the College Handbook, available in the school guidance room and resource center, also list required subjects. In general, meeting the California State and U.C. subject requirements will qualify students for most private colleges. G.P.A. requirements vary widely, but generally are a "B" average.

Examination Requirement*

Most private colleges and universities also require that the student take either the ACT or the SAT prior to acceptance.

University (UC, CSU) Scholarship Requirements

A student must earn a "B" average in the A-G courses with no grade less than "C". A course with a grade of "D" is not recognized as fulfilling the requirements for college admission. Grades received in freshman year or earlier will not be used in determining the G.P.A.

A course with a grade of "D" may be counted toward St. Lucy's graduation but colleges will not recognize the course as fulfilling requirements for admission.

(P) or (AP) indicates an approved U.C. requirement or elective.

P* indicates a U.C. requirement or elective pending approval.

Further academic procedures may be found in the Parent-Student Handbook.

ST. LUCY'S PRIORY HIGH SCHOOL SPECIFIC DEPARTMENT REQUIREMENTS

Freshman	Sophomore	Junior	Senior	Course Name
				Religion
X				Who is Jesus Christ?
	X			The Mission of Jesus
		X		Sacraments as Privileged Encounters with Jesus Christ, Life in Christ
			X	Catholic Social Teaching, Christian Lifestyles
				English
X				English I or English I Honors
	X			English II or English II Honors
		X		American Literature or AP English Language
			X	English Literature or AP English Literature
				Social Sciences
	X			World History or AP European History
		X		US History or AP US History
			X	US Government or AP US Government and Economics
				Foreign Language
X				Spanish I or French I
	X			Spanish II or French II
				Requirement must be completed in same language
				Mathematics
X				Algebra 1, Advanced Algebra 1, Advanced Algebra 1 Honors, Advanced Geometry or Advanced Geometry Honors
	X			Geometry, Advanced Geometry, Advanced Geometry Honors, Algebra 2, Algebra 2 Honors, Advanced Algebra 2 Honors
		X		Algebra 2, Advanced Algebra 2, Advanced Algebra 2 Honors, Statistics, Pre-Calculus, Calculus, AP Calculus
				Science
X				Biology
	X			Chemistry, Chemistry Honors, Physical Science
		X		Chemistry, Chemistry Honors, Physics, AP Biology, Anatomy and Physiology, Sports Medicine, Environmental Science, AP Environmental Science, Individual Scientific Research
				Physical Education
X				Health and Physical Education
				Visual and Performing Arts
	X			Studio Arts, Theater Arts, Music Theory, or Dance

ENGLISH

ENGLISH 1

ENGLISH 2

St. Lucy's minimum graduation requirements include four years or 40 credits of English. Students who demonstrate high ability through special testing and consistent high performance at a 3.5 G.P.A. may take Advanced Placement (AP) level courses with the corresponding AP Exams.

NOTE: Vocabulary and writing are included in all English studies at all levels.

COURSE DESCRIPTION:

English 1 (P) Grade 9

A course providing vocabulary and spelling, parts of speech, sentence development, and basic punctuation skills taught in conjunction with the mechanics of writing; an introduction to a wide variety of literary forms including the short story, novel, poetry, and drama.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework and oral presentations.

PATHWAYS:

Course prepares the student for English 2.

OR

COURSE DESCRIPTION:

ENGLISH I HONORS (P) Grade 9

An advanced course providing vocabulary and spelling, parts of speech, sentence development, and basic punctuation skills taught in conjunction with the mechanics of writing; an introduction to a wide variety of literary forms including the short story, novel, poetry, and drama.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

National Percentile of 90% in Verbal Skills, Reading, Language Arts and Composite Score on the HSPT.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework.

PATHWAYS:

Course prepares the student for English II Honors

COURSE DESCRIPTION

ENGLISH II (P) Grade 10

A continuation of the study of literary genres with an emphasis on the tone, style, literal analysis or figurative meaning, and voice of the author; vocabulary, grammar, composition, and research skills are further developed.

Research paper and oral presentation required.

LENGTH OF COURSE:

2 semesters

ASSESSMENT

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper and oral presentations.

PATHWAYS:

Course prepares the student for American Literature.

OR

COURSE DESCRIPTION

ENGLISH II HONORS (P) Grade 10

An advanced continuation of the study of literary genres with an emphasis on the tone, style, literal analysis or figurative meaning, and voice of the author; vocabulary, grammar, composition, and research skills are further developed.

Research paper and oral presentation required.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

G.P.A. of 3.5 each quarter

"A" in each quarter of English I or

"B+" each quarter in English I Honors.

ASSESSMENT:

ASSESSMENT will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course prepares the student for AP English Language.

ENGLISH GRADE 11

AMERICAN LITERATURE

AP ENGLISH LANGUAGE

COURSE DESCRIPTION:

AMERICAN LITERATURE (P)

A course designed to acquaint students with the chronological history of American literature and its on-going concerns, styles, themes with special emphasis on 19th and 20th century poetry, prose, and drama. Writing includes review of the four modes of writing (narrative, descriptive, persuasive, and expository) with special emphasis on literary analysis and criticism.

Research paper and oral presentation required.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course prepares the student for English Literature (Grade 12).

COURSE DESCRIPTION:

A.P. ENGLISH LANGUAGE (AP)

An advanced course with special emphasis on American literature, presenting a chronological historical context with focus on 19th and 20th century fiction and non-fiction prose and drama. Specific instruction is offered in preparation for the AP Language Exam with emphasis on the analysis of prose literature and the study of language, rhetorical technique, and composition. Sample AP Exams and in-class timed writings serve as specific aides in instruction.

Research paper and oral presentation required.

Students who register must take the AP Exam.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G.P.A. of 3.5 each quarter
- "A" in English II each quarter and submit approval signature from current English teacher and current A.P. English Language teacher or
- "B+" in English II Honors.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course prepares the student for English Literature (Grade 12).

ENGLISH GRADE 12

ENGLISH LITERATURE

AP ENGLISH LITERATURE

COURSE DESCRIPTION:

ENGLISH LITERATURE (P)

A course surveying quality English literature presented in a historical context and emphasizing in-depth study of poetry, prose, and drama that have reflected and been influenced by world history from Anglo Saxon times to the post-modern age. Short papers on the literature emphasize literary criticism as well as objective exams, oral presentations, and creative activities to support literature.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

A.P. ENGLISH LITERATURE (AP)

An advanced course with emphasis on English literature presented in a historical context focusing on poetry, prose, and drama as influenced by British and American Literature from Anglo Saxon times to the post-modern age. Specific instruction, including sample AP Exams and in-class timed writings, is offered in preparation for the AP English Literature and Composition Examination. Students who register must take AP Exam.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G.P.A. of 3.5 each quarter
- A" in American Literature each quarter and submit approval signature from current English teacher and current A.P. English Literature teacher or
- "B+" in A.P. English Language.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

ENGLISH ELECTIVES

COURSE DESCRIPTION:

CREATIVE WRITING (P) - GRADES 11, 12

A course designed for students who enjoy writing as a form of art and personal expression. Students will be provided with the opportunity to study varied forms of poetry and prose and write creatively in different genres.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentations.

PATHWAYS:

Course fulfills elective credit towards graduation.

COURSE DESCRIPTION:

CALIFORNIA LITERATURE & HISTORY (P) GRADES 11, 12

This course is a blend of literature and history from early statehood to the early days of Hollywood and its influence on the cultural landscape of California and the west. This course encompasses the history of California through the novel, short stories, poetry and film.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course fulfills elective credit towards graduation.

COURSE DESCRIPTION:

JOURNALISM (P) - GRADES 11, 12

A workshop class providing experience in writing for publication through the gathering of materials, layout, and typography for the school paper, THE LAUREATE. Students are introduced to broadcast journalism and they also work in digital journalism by writing and taping stories for *High School Insider*, a program of the *Los Angeles Times*.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- "A" each quarter in English;
- Journalism teacher approval.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, homework, commitment to and completion of assignments.

PATHWAYS:

Course fulfills elective credit towards graduation.

COURSE DESCRIPTION:

YEARBOOK (P) - GRADES 11, 12

A workshop course designed to produce St. Lucy's LUMEN. Included is practice in page planning, copy writing, photography, and layout techniques.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- Minimum G.P.A. of 2.5
- Complete an interview process including teacher recommendation.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, homework, commitment to and completion of assignments. Pass/Fail grading is used.

PATHWAYS:

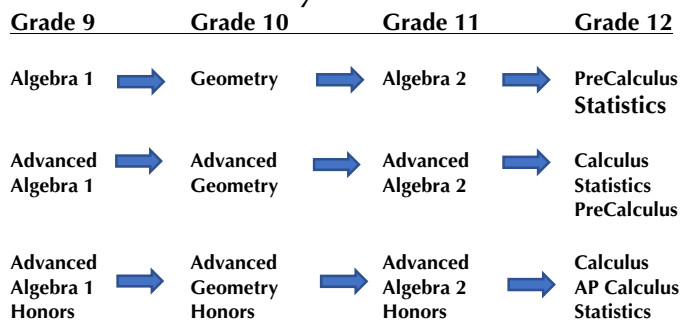
Course fulfills elective credit towards graduation.

MATHEMATICS

ALGEBRA I

St. Lucy's graduation requirements include 3 years or 30 credits of mathematics. However, it is highly recommended that a student with a strong academic record and a desire to attend a four-year university take four years of college preparatory mathematics.

Mathematics Pathways:



A grade 9 student who has had a full year of Algebra 1 in grade 8 AND successfully passes the Algebra examination may take Advanced Geometry and must complete 30 credits of college preparatory mathematics courses.

COURSE DESCRIPTION:

ALGEBRA 1 (P)

A course designed to study the basic techniques of a standard first year algebra course with a limited study of the real number system with emphasis on the computational skills with integers and variables; algebraic concepts are applied.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Geometry.

COURSE DESCRIPTION:

ADVANCED ALGEBRA I (P)

A systematic investigation of the properties of real numbers with emphasis on the acquiring of skills in the application of algebraic concepts.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Above 40% tile on the entrance exam.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Advanced Geometry.

COURSE DESCRIPTION:

ADVANCED ALGEBRA 1 HONORS (P)

An in depth and systematic investigation of the properties of real numbers and algebraic concepts.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

90% tile in Quantitative Skills, Math Basic Skills, and Composite Score on the HSPT entrance exam.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Advance Geometry Honors.

MATHEMATICS

GEOMETRY

COURSE DESCRIPTION:

GEOMETRY (P)

A study of Euclidean plane geometry which emphasizes the deductive reasoning process and the application of Algebra in geometry as well as an introduction to Algebra 2.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Passing grade in Algebra 1

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Algebra 2.

COURSE DESCRIPTION:

ADVANCED GEOMETRY (P)

An advanced course in geometry, which includes theory and application, inductive and deductive reasoning, a review of algebraic skills as they apply in geometry, and introductions to trigonometry, constructions and coordinate geometry. This course also includes a quarter-length introduction to Advanced Algebra 2.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- "C+" or higher each semester in Advanced Algebra 1, or "A" each semester in Algebra 1.
- Students with a "C+" or higher remain in the "Advanced" Track.
- Students with a "C" or below must have teacher approval to remain in the "Advanced" Track.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Advanced Algebra 2.

COURSE DESCRIPTION:

ADVANCED GEOMETRY HONORS (P)

An honors course in geometry, which includes theory and application, inductive and deductive reasoning, introductions to trigonometry, constructions, coordinate geometry, and transformations and a quarter length introduction to Algebra 2.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- "B" or higher each semester in Adv. Algebra 1 Honors or an "A" each semester in Advanced Algebra 1.
- Students with a "B" or higher remain in the "Advanced Honors" Track.
- Students with a "C+" or below must have teacher approval to remain in the "Advanced Honors" Track.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for Advanced Algebra 2 Honors.

MATHEMATICS

ALGEBRA 2

COURSE DESCRIPTION:

ALGEBRA 2 (P)

An axiomatic approach to the study of real and complex numbers and also an introduction to functions and analytic geometry.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- Passing grades in Algebra 1
- Passing grades in Geometry.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for PreCalculus or Statistics.

COURSE DESCRIPTION:

ADVANCED ALGEBRA 2 (P)

An advanced course using an axiomatic approach to the study of real and complex numbers with an introduction to functions and analytic geometry; trigonometric functions and triangle trigonometry are included.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- "B" or higher each semester in Advanced Algebra 1 and Advanced Geometry.
- Students with a "C+" or higher remain in the "Advanced" Track.
- Students with a "C" or below must have teacher approval to remain in the "Advanced" Track.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for PreCalculus, Calculus, and Statistics.

COURSE DESCRIPTION:

ADVANCED ALGEBRA 2 HONORS (P)

An honors course with an in-depth axiomatic approach to the study of real and complex numbers and an introduction to functions and analytic geometry. The study of trigonometric functions, circular functions and proofs of trigonometric identities is also included.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- "B" each semester in Advanced Algebra 1 Honors and in Advanced Geometry Honors.
- Students with a "B" or higher remain in the "Advanced Honors" Track.
- Students with a "C+" or below their Algebra 1 or Geometry class must have teacher approval to remain in the "Advanced Honors" Track.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PATHWAYS:

Course prepares the student for AP Calculus, Calculus and Statistics.

MATHEMATICS

CALCULUS

ELECTIVES

COURSE DESCRIPTION:

PRE-CALCULUS (P)

A course that prepares students for Calculus through a study of polynomial and rational functions, trigonometry, analytic geometry, limits and differential calculus.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

“B” each semester in Algebra 2 or
“C” or better in Advanced Algebra 2.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

COURSE DESCRIPTION:

CALCULUS (P)

The study of the limit theory and also of differential and integral calculus. Algebraic functions are used.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- “C” each semester in Advanced Algebra 2 Honors or
- “B” in Advanced Algebra 2.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

COURSE DESCRIPTION:

A.P. CALCULUS (AP)

An in-depth study of limit theory, differential and integral calculus with emphasis on techniques using algebraic functions.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- “A” in Advanced Algebra 2 Honors each semester
- Students who register must take the AP Exam.
- “A” in Advanced Algebra 2, recommendation from current Advanced Algebra 2 teacher and signature from AP Calculus teacher

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes. Students must take the A.P. Exam.

COURSE DESCRIPTION:

STATISTICS AND PROBABILITY (P)

The course is a non-calculus mathematics-based introduction to statistics. Methods of gathering data are introduced; students collect, organize, analyze, and interpret numerical information. Data is graphed on histograms, bar graphs, etc. Probability theory and binomial probability are defined and examined. Averages, variations, standard deviation, normal distribution, and sampling distributions are studied. Students explore concepts such as Confidence Intervals, Hypothesis Testing, Correlation and Regression and use data analysis..

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- “B” each semester in Algebra 2
- “C” or better in Advanced Algebra 2.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

PHYSICAL EDUCATION/HEALTH/SERVICES

COURSE DESCRIPTION:

PHYSICAL EDUCATION/HEALTH - GRADE 9

Two semesters of physical education must be completed before the completion of grade 9. Basic knowledge of team and individual sports is emphasized. Each unit includes basic strategy, game rules, skills, drills, tournament play, written and skills testing, and a writing component. Physical education also includes a health component consisting of the knowledge of three basic areas: physical health, mental and emotional health and social health.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Pass/Fail course based on participation and development.

COURSE DESCRIPTION:

SPORTS - GRADES 9, 10, 11,12

Students participate in seasonal sports, which are the following:

FALL: Golf, Volleyball, Tennis, Cross-Country;

WINTER: Basketball, Soccer, Water Polo;

SPRING: Softball, Swimming, Track & Field, Equestrian League

LENGTH OF COURSE:

Sport Season

2.5 units per sport. Pass/Fail grading is used.

COURSE DESCRIPTION:

INDIVIDUAL EXERCISE - GRADES 11,12

This course is designed for the student who wishes to begin an exercise program. Concentration is on three areas of fitness: cardiovascular, strength and flexibility. Aerobic and anaerobic exercises, jogging, stretching, yoga, Pilates, weight lifting and circuit training are used to attain any fitness goal.

LENGTH OF COURSE:

2 semesters

Pass/Fail grading used.

COURSE DESCRIPTION:

EVENT MANAGEMENT – GRADE 12

This course will train students in the organization of major events acquiring skills transferrable to the workplace. Semester 1 - Boutique, Semester 2 - BASH.

Students will be involved in creating a timeline for preparation, sorting and categorizing donations, liaising with the coordinators of different stalls and prioritizing their requirements, creating a master plan of tasks to assist the Manager of Advancement, assisting with the construction of the event program, gathering information for programs, assisting with ticketing and data base entry.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- Interest in the area of Event Management
- Enthusiastic and committed to the successful facilitation of these major events which are an integral part of the historic life of St Lucy's.
- Interview

ASSESSMENT:

Students will be graded on their initiative, ability to follow instructions, ability to work with a minimum of supervision, ability to work in a team and productivity. Pass/Fail grading used.

SCIENCE

BIOLOGY

HONORS BIOLOGY

Science Pathways:

Grade 9	Grade 10	Grade 11	Grade 12
Biology	Chemistry (prerequisites required)	Anatomy & Physiology AP Environmental Science Environmental Science Physics Sports Medicine	Anatomy & Physiology AP Environmental Science Environmental Science Physics Sports Medicine
OR	OR		
Honors Biology	Honors Chemistry (prerequisites and summer OR	AP Biology AP Environmental Science Anatomy & Physiology Environmental Science Physics Scientific Research Sports Medicine	AP Biology AP Environmental Science Anatomy & Physiology Environmental Science Physics Scientific Research Sports Medicine
	Physical Science (If prerequisites are not met for Chemistry/Honors Chemistry)	Chemistry	Anatomy & Physiology Environmental Science Physics Sports Medicine

COURSE DESCRIPTION:

BIOLOGY (P) Laboratory Science.

This is a standards-based label course in the study of living things that meets or exceeds state guidelines. . Topics include cell structure and function, genetics, reproduction, evolution, and a survey of the kingdoms.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

ASSESSMENT will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, notetaking, demonstration of comprehension of material. Students will keep an interactive notebook, lab report write-ups and projects.

PATHWAYS:

Course prepares student for:
Chemistry (with required Chemistry prerequisites).

OR

Honors Chemistry
(with required Honors Chemistry prerequisites).

OR

Physical Science

COURSE DESCRIPTION:

HONORS BIOLOGY (P) Laboratory Science.

Honors Biology covers topics typically covered in a high school Biology course and prepares the students for Advanced Placement Biology. Students study the structures, functions and processes of living organisms and their interaction with the environment. Major themes include cell structure and specialization, energy, and chemistry of life, genetics and evolution, diversity of life, plant systems, and ecology. Students learn complex biological concepts through interactive web-based lectures and applications.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

ASSESSMENT will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, notetaking, demonstration of comprehension of material and projects.

PATHWAYS:

Course prepares the student for Honors Chemistry (with prerequisites).

OR

Chemistry

SCIENCE

CHEMISTRY

HONORS CHEMISTRY

COURSE DESCRIPTION:

CHEMISTRY (P) Laboratory Science

A college preparatory course in the basic concepts of chemistry. The major topics presented include phases of matter, nomenclature, chemical reactions, atomic structure and theory, general stoichiometry, periodic table, bonding, chemical equilibrium, and thermodynamics. Solution chemistry, acid/base chemistry, oxidation/reduction reactions are also discussed. Laboratory experiments are designed to illustrate principles covered in lecture.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G. P. A of 3.0 each quarter
 - "B" in Biology each quarter
- OR
- "B" each quarter in Physical Science
 - "B" in current Math class.

ASSESSMENT:

ASSESSMENT will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, notetaking, demonstration of comprehension of material.

PATHWAYS:

- Environmental Science
- AP Environmental Science
- Anatomy & Physiology
- Physics
- Sports Medicine

COURSE DESCRIPTION:

HONORS CHEMISTRY (HP) Laboratory Science

An in-depth survey course in the basic concepts of chemistry, which include phases of matter, nomenclature, chemical reactions, atomic structure and theory, general stoichiometry, periodic table, bonding, chemical equilibrium, and thermodynamics. Solution chemistry, acid/base chemistry, oxidation/reduction reactions are also discussed. Concepts and skills are reinforced by a strong emphasis of hands-on laboratory experiences with the utilization of mathematical, analytical skills with data acquisition. Chemistry Honors receives an extra grade point in the G.P.A.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G. P. A of 3.5 each quarter
- "A" in Biology each quarter
- "A" each quarter in current math class
- Completion of summer assignment

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

Course prepares the student for:
Environmental Science
A.P. Environmental Science
Anatomy & Physiology
Physics
A.P. Biology
Scientific Research

SCIENCE

PHYSICAL SCIENCE

PHYSICS

COURSE DESCRIPTION:

PHYSICAL SCIENCE (P)

NOT LABORATORY SCIENCE

The course is designed to explore a broad spectrum of science that introduces students to scientific research. They perform experiments, collect data, perform calculations based on the data and learn proper techniques of scientific laboratory reports.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Biology

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material, Lab Report write-ups and projects.

PATHWAYS:

Course prepares the student for Chemistry.

COURSE DESCRIPTION:

PHYSICS (P) Laboratory Science.

A college preparatory course in which motion, forces, vectors, heat, sound, electricity, and magnetism are treated from an investigative and conceptual approach. This course is recommended for all students planning a career in a science or technical field.

LENGTH OF COURSE:

2 semester course

PREREQUISITES:

- 3.0 G.P.A.,
- "B" each quarter in Advanced Algebra 2 or Advanced Algebra 2 Honors
- "A" each quarter in Chemistry or a "B" each quarter in Honors Chemistry
- Calculus or AP Calculus (may be taken concurrently)

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

Course prepares student for:

A.P. Environmental Science
Environmental Science
Anatomy & Physiology
A.P. Biology
Scientific Research
Sports Medicine

SCIENCE

ENVIRONMENTAL SCIENCE

A.P. BIOLOGY

COURSE DESCRIPTION:

Environmental Science (P)

NOT a Laboratory Science.

This course is designed to enable students to understand the relationship between humans and their environment. It will challenge them to appreciate the complexity of the web of life and our responsibilities as individuals to maintain and preserve this delicate planet. The roles of politics, the economy and science are analyzed in relation to this increasingly important subject.

LENGTH OF COURSE:

1 semester course

PREREQUISITES:

- Biology
- Physical Science or Chemistry.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

Course prepares student for:

Anatomy & Physiology

Physics

A.P. Biology

Sports Medicine

COURSE DESCRIPTION:

AP BIOLOGY (AP)

Laboratory Science.

An intensive survey course intended for students whose college major may be in the biological lab sciences or associated fields. The course is designed to prepare students for the A P. Biology examination which tests in the units of molecular biology, cellular structure and function, genetics, evolution, organisms and system populations, experimental design, data analysis, and critical thinking. Students will be required to attend a weekly extra half-hour class beyond the regular school schedule to allow longer laboratory activity.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G.P.A. of 3.5 each quarter
- "A" in Biology
- "B" in Honors Chemistry or
- "B+" in Physics each quarter.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material. Students who register must take the AP Exam.

PATHWAYS:

Course prepares student for:

Anatomy & Physiology

Physics

A.P. Environmental Science

Scientific Research

SCIENCE

A.P. ENVIRONMENTAL SCIENCE

ANATOMY & PHYSIOLOGY

COURSE DESCRIPTION:

AP ENVIRONMENTAL SCIENCE (AP)

Laboratory Science.

This course stresses scientific principles and analysis and includes a laboratory component. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, to examine alternative solutions for resolving and/or preventing them, and to develop and focus on their own political perspective.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- GPA of 3.5 each quarter.
- Completion of Biology and Chemistry or Honors Chemistry with semester grades of "B+" or better.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material. Students who register must take the A.P. Exam

PATHWAYS:

Course prepares student for:
Anatomy & Physiology
Physics
A.P. Biology
Sports Medicine
Environmental Science
Sports Medicine

COURSE DESCRIPTION:

ANATOMY & PHYSIOLOGY (P)

Laboratory science.

This two-semester course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems as well as metabolism and nutrition. Laboratory work includes dissection of preserved specimens, microscopic study, physiologic experiments, computer simulations, and multimedia presentations.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

C+ each quarter in Biology

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

Course prepares student for:
Environmental Science
Physics
AP Environmental Science
AP Biology
Sports Medicine

SCIENCE

SCIENTIFIC RESEARCH

SPORTS MEDICINE

COURSE DESCRIPTION:

SCIENTIFIC RESEARCH (P) Non-Laboratory Science
A college preparatory course which stresses original and independent research. Students generate a research question, conduct a literature review, collaborate with content area experts, develop a hypothesis, collect and analyze data, and present research at an annual Student Independent Research Symposium. Additionally, all students will be required to prepare and participate in the Los Angeles Science Olympiad.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G.P.A. of 3.5
- B+ each quarter in Chemistry

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

This course fulfills a St. Lucy's Science requirement.

COURSE DESCRIPTION:

SPORTS MEDICINE - GRADES 11, 12

This course introduces students to the study of human kinesiology. Course content is an in-depth study of the human musculoskeletal system as it relates to the prevention, treatment, and basic rehabilitation of common sports related injuries. Class provides a foundation for students who want to pursue college level work in a variety of health and science related fields.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- Anatomy & Physiology

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, Lab performance, Quiz/Test performance, demonstration of comprehension of material.

PATHWAYS:

This course fulfills a St. Lucy's Science requirement.

SOCIAL STUDIES

WORLD HISTORY

AP EUROPEAN HISTORY

Social Studies Pathways:

Grade 9	Grade 10	Grade 11	Grade 12
World History	AP European History (required prerequisites)	United States History OR AP United States History (required prerequisites)	United States Government Economics OR AP United States Government (required prerequisites) Economics

COURSE DESCRIPTION:

WORLD HISTORY (P)

A chronological account of the origin and development of Western and Eastern Civilization, including democratic ideals, institutions, practices and cultures. Emphasis is placed on causes and effects and underlying trends and movements.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course prepares the student for:
United States History (Grade 11)
AP United States History (Grade 11)
AP European History

COURSE DESCRIPTION:

AP EUROPEAN HISTORY (AP)

An intense examination of modern European history from the Renaissance to the present, stressing democratic ideas, institutions and practices through cause and effect reasoning. Course structure consists of lecture, discussion, writing, and reading.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G.P.A. of 3.5 each quarter
- "A" in English or
- "B" in English Honors each quarter.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentations. Students who register must take the A.P. Exam.

PATHWAYS:

Course prepares student for:
U. S. History
AP United States History

SOCIAL STUDIES

UNITED STATES HISTORY

AP UNITED STATES HISTORY

COURSE DESCRIPTION:

UNITED STATES HISTORY (P)

A chronological exploration of the rich story of the United States. Focus will be placed on the major turning points in American history, with an emphasis on U.S. democratic ideals from American beginnings to modern times. An examination of the lives of Americans in various time periods will make history human and relevant for students.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Passing grade in World History

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

PATHWAYS:

Course prepares student for:
United States Government / Economics

COURSE DESCRIPTION:

AP UNITED STATES HISTORY (AP)

This course is an intensive examination of the United States from the Age of Exploration to the present. The course prepares students for intermediate college courses through requirements equivalent to those of a full year introductory college course. Students develop the analytic skills and the factual knowledge necessary to deal critically with the problems and materials in U.S. History.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- G. P. A. of 3.5 each quarter
- "A" in sophomore English each quarter, or
- "B" in sophomore English Honors each quarter.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation. Students who register must take the AP Exam.

PATHWAYS:

Course prepares student for:
United States Government / Economics
AP United State Government / Economics

SOCIAL STUDIES

UNITED STATES GOVERNMENT ECONOMICS

AP UNITED STATES GOVERNMENT ECONOMICS

COURSE DESCRIPTION:

UNITED STATES GOVERNMENT (P)

A study of the basic principles of the United States Constitutional System with an emphasis on current events to show these principles as applied today. The law-making process is explained and discussed in terms of the current political situation in Congress. The student also experiences the American political system and is prepared to participate actively in our election system.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

AP UNITED STATES GOVERNMENT (AP)

An intensive examination of the basic principles of the United States constitutional system and the political ideology of the United States government. The course will give students an analytical perspective on government and politics in the United States and will involve both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Important Supreme Court cases will be examined as a means of tracing the evolution of the United States legal system.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- G.P.A. of 3.5 each quarter,
- "A" in U.S. History each quarter or
- "B" in A.P. U.S. History each quarter.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation. Students who register must take the A.P. Exam.

COURSE DESCRIPTION:

ECONOMICS (P) -

A course designed to provide students with an understanding of the American market economy that includes economic principles as applied to the United States and global economies. The course helps the student analyze, evaluate and apply economic theory to contemporary problems.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

SOCIAL STUDIES

ELECTIVES

COURSE DESCRIPTION:

PSYCHOLOGY I (P) - GRADES 11, 12

This course provides students with an overview of general psychology, its theories, principles and practice. For the college-bound student this course provides a foundation and background for an introductory college course in psychology.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

PSYCHOLOGY III (P) - GRADES 11, 12

An overview of health-related issues with a more in-depth perspective on topics including stress, depression, loss and grief, relaxation and self-regulation techniques, family dynamics, and relationships. Students are exposed to theories, perspectives, and applications. For the college bound student, this course provides a foundation and background for an introductory college course in health psychology.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

AP PSYCHOLOGY (AP) – GRADES 11,12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in the science and practice of psychology.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- Cumulative 3.5 GPA
- B" grade or better in English.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation. Students who register must take the AP Exam.

COURSE DESCRIPTION:

WORLD GEOGRAPHY AND CULTURES (P) - GRADE 10, 11, 12

A course that introduces students to an exploration of physical and human geography. Students learn about the methods and tools geographers use, such as mapping and population data. Themes explored include: the ways in which human populations are organized geographically and by nation, traits of cultural groups such as language, religion, race, ethnicities and values, and the relationship between culture and the environment.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Passing grade in World History

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

WORLD RELIGIONS (P) - GRADES 11, 12

The course builds on students' understanding of their own Catholic Christian faith to study different religious traditions. Beginning with Judea-Christian history, the class expands to include ancient religions including Islam, Hinduism and Buddhism. The course moves on to those religions that sprang from America's Protestant roots including Mormonism, Jehovah's Witnesses and the Church of Christ, Scientist.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, research paper, oral presentation.

COURSE DESCRIPTION:

PEER COUNSELING – GRADES 10, 11, 12

This course trains motivated students in the fundamentals of peer counseling skills which include counseling ethics, interpersonal communication skills, stress and anxiety management, assertiveness training, strategies to deal with crisis and change, and other relevant teen issues. Students will apply their leadership and mentorship skills as positive and productive role models to their peers. Students are required to confidentially help their peers under the guidance of the instructor. This is safe, non-judgmental program for students to learn how to select healthy strategies to more effectively manage their lives.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

Application, interview and teacher recommendation

TECHNOLOGY

COURSE DESCRIPTION:

ROBOTICS (P*) – GRADES 10, 11, 12

Robotics follows the VEX EDR Curriculum in designing and building competition level robots. Students work through 12 units to learn about robot design. Students learn to identify robotic components and their functions, maintain an engineering notebook, design 3D models of robots, build and modify robots, and use Robot C to program robots to perform an array of tasks. Designing competition level VEX Robots integrates all STEM areas.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- “B” in current Math class.
- Recommendation from Science/Math teacher.

ASSESSMENT:

Standards based grading is used to assess achievement of course expectations.

COURSE DESCRIPTION:

COMPUTER SCIENCE 1

A semester course designed to introduce the student to the fundamentals of computer programming through the language of Python. Students will learn to use commands, functions, conditionals, Booleans, and loops.

LENGTH OF COURSE:

1 semester.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

COURSE DESCRIPTION:

COMPUTER SCIENCE 2

A semester course designed to introduce the student to the advanced features of the Python language. Students are asked to have a working knowledge of the Python language. Students will develop an appreciation for how computers store and manipulate information by building console-based games.

LENGTH OF COURSE:

1 semester.

PREREQUISITES:

Computer Science 1.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, quiz/test performance, demonstration of comprehension and mathematical processes.

COURSE DESCRIPTION:

INTRODUCTION TO ENGINEERING DESIGN-GRADES 11, 12

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. By engaging in hands-on, real-world projects, students understand how the material covered in class can be applied in their everyday lives. Learning activities will include teacher-led instruction, cooperative learning, and project-based learning. Students will work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.

LENGTH OF COURSE:

2 semester2.

PREREQUISITES:

Successful completion of current math class.

ASSESSMENT:

Assessment will be based on participation, organization, collaboration, projects, quiz/test performance, demonstration of comprehension of processes.

THEOLOGY

GRADE 9

GRADE 10

All students are required to enroll in a religion class each semester; all students take two one-semester courses each year. Family Life is taught each year in accordance with the Archdiocese of Los Angeles and USCCB.

COURSE DESCRIPTION:

THE REVELATION OF JESUS CHRIST IN SCRIPTURE

The course provides a general knowledge and appreciation of the Sacred Scriptures. The study of the Bible encounters Jesus Christ as the living Word of God. Particular attention to the Gospels allows growth in knowing and loving Jesus Christ more personally.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentation and projects.

COURSE DESCRIPTION:

WHO IS JESUS CHRIST? (CHRISTOLOGY)

The course reveals the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. Jesus Christ is seen as the ultimate revelation from God in who Christ is and who the student is called to become.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentations and projects.

COURSE DESCRIPTION:

THE MISSION OF JESUS CHRIST- THE PASCAL MYSTERY

This course helps students understand all that God has done for us through his Son, Jesus Christ. Students learn that God has planned for us to share eternal happiness with him. Students are also introduced to what it means to be a disciple of Christ and what life as a disciple entails.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, or

COURSE DESCRIPTION:

JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH

This course helps students understand that in and through the Church they encounter the living Jesus Christ. Students learn not just the events in the life of the Church but the sacred nature of the Church.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentations and projects.

THEOLOGY

GRADE 11

GRADE 12

COURSE DESCRIPTION:

SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST

This course helps students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentation and projects.

COURSE DESCRIPTION:

FOUNDATIONS IN CHRISTIAN MORALITY: YOUR LIFE IN CHRIST

Through engagement of scripture and the Church's moral teaching, students understand that it is only through Christ that they can fully live out God's plan for their lives. Students learn the moral concepts and precepts that govern the lives of Christ's disciples and methods of discernment

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentations and projects.

COURSE DESCRIPTION:

CATHOLIC SOCIAL TEACHING

The course provides the latest applications of the Church's social teaching. Highlighting two important principles-the dignity of the human person and respect for life- the course explores concepts like the common good, the preferential option for the poor, solidarity among all people and the stewardship of resources. Students will receive hands-on activities that motivate teens to effect positive social change.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentation and projects.

COURSE DESCRIPTION:

CHRISTIAN LIFESTYLES

A study of basic human relationships and the meaning of being an integrated person which embraces human sexuality, the value of chastity, the single life, dating, priesthood, religious life, and ordained ministry. The course also includes a study of the meaning of Christian Marriage including relationships, communication, commitment and sacrament.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, oral presentations and projects.

VISUAL & PERFORMING ARTS

COURSE DESCRIPTION:

DANCE (P) - GRADES 10, 11, 12

A course encompassing the history of dance, the basic techniques of ballet, jazz, modern dance, hip hop, and the basics of choreography. Students are instructed in the elements of warm-up techniques, dance styles, choreography, and dance appreciation. Class performances are required. Students may enroll for multiple years. Advanced students will expand on the first year curriculum.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

None

ASSESSMENT:

Dance performance, Practical demonstrations of ballet, jazz, and modern/contemporary dance. Analysis and critical assessment projects.

COURSE DESCRIPTION:

TREBLE CHOIR (P) - GRADES 10, 11, 12

This yearlong course is designed for the entry-level vocalist. The development of vocal technique, musicianship, basic piano, and performance will be strongly emphasized in order to prepare members for public performances and to promote life-long appreciation of and participation in music.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Individual and group performances, understanding of basic construction of musical scores, review of live performances, small group work in music composition.

PATHWAYS:

Course prepares student for:
Chamber Choir

COURSE DESCRIPTION:

CHAMBER CHOIR (P) - GRADES 10, 11, 12

Students will develop vocal technique, musicianship, and performance techniques. Course aims to prepare students for public performances, to promote lifelong appreciation of and participation in music. Students may enroll in multiple years.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Audition required

ASSESSMENT:

Individual and group performances, understanding of basic construction of musical scores, review of live performances, small group work in music composition.

COURSE DESCRIPTION

THEATER ARTS (P) - GRADES 10, 11, 12

A course that introduces a variety of performance situations including experience in basic public speaking. Units include reader's Theater, monologues, performance of scenes from plays, dramatic readings, movement, terminology, interpretive reading, improvisation, dramatic literature, and the history of the Theater. Technical or public performance participation required.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Class participation, dramatic performances, oral presentations, projects, writing and reading assignments, and quizzes.

COURSE DESCRIPTION:

MUSIC THEORY (P) - GRADES 10, 11, 12

Students will learn to enjoy music more fully by gaining an understanding of how music is constructed. Having gained this knowledge, the students will be prepared to compose music through melody, harmony, and chord progressions. An emphasis will be placed on traditional jazz and pop progressions.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Group performances, understanding of basic construction of musical scores, review of live performances, small group work in music composition.

VISUAL & PERFORMING ARTS

COURSE DESCRIPTION:

STUDIO ARTS (P) - GRADES 10, 11,12

A sequential and cumulative yearlong course of study of the elements of art and the principles of design utilizing lecture, discussion and the critical analysis of famous works of art from ancient to contemporary cultures. Each area of study culminates in a two or three- dimensional artwork that students create using a variety of media. Techniques are demonstrated through group and individual instruction and practiced by students so that a high degree of competence is achieved and the skills necessary for creative expression are acquired.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments utilized in the class are tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

PATHWAYS:

Course prepares the student for:
Art 3 (Drawing)
Art 4 (Painting & Sculpture)
Art 5 (Computer Based Visual Arts)

COURSE DESCRIPTION:

ADV. ART 3 (DRAWING) (P)

A class to develop the student's drawing skills. The techniques of composition, perspective, light logic, contour, realism, and expression are studied, as well as use and care of materials. The student works to develop a portfolio.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

"B" each semester in Studio Arts

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments utilized in the class are tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

PATHWAYS:

Course prepares student for:
Art 4 (Painting / Sculpture)

COURSE DESCRIPTION:

ADV. ART IV: (PAINTING/SCULPTURE) (P)

This class expands the basics acquired in Studio Arts and Drawing (Adv. Art III) as the students learn more painting techniques. Color theory, realism and abstraction are studied. This course also offers experimentation with three-dimensional forms. The students work with wood, paper, cardboard, and clay to create abstract sculptures.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- "B" each semester in Studio Arts
- "B" in ART 3 (Drawing)

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments utilized in the class are tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

COURSE DESCRIPTION:

ADV. ART V: (COMPUTER BASED VISUAL ARTS) (P)

A course that allows students to utilize the computer as a medium for creating visual art forms and analyzing and responding to these art forms. Students will relate work completed in class to the work presented in society past and present. Students will respond to, analyze, and form both written and oral critical ASSESSMENTS on their personal and classmates' original works.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

"B" each semester in Studio Arts

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments utilized in the class are tests and written benchmark responses. As this is an in-class-only project based class. Attendance and class time management are also considered in assessing grades.

PATHWAYS:

Course prepares student for:
Art 6 (Computer Drawing / Painting)

VISUAL & PERFORMING ARTS

COURSE DESCRIPTION:

ADV. ART VI: (COMPUTER DRAWING/PAINTING) (P)

A course developed for students interested in learning computer painting techniques while utilizing the latest computer drawing and painting programs. Students will respond to, analyze, and form both written and oral critical ASSESSMENTS on their personal and classmates' original works.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

Adv. Art 5 (Computer Based Visual Arts).

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments utilized in the class are tests and written benchmark responses. As this is an in-class-only project based class. Attendance and class time management are also considered in assessing grades.

COURSE DESCRIPTION:

ADV. ART VII: (INDEPENDENT ART PROJECT) (P)

A class designed to have students create two and three-dimensional artwork in their chosen areas of interest using professional media and learning advanced techniques through teacher demonstration, critique, periodicals and art reference books. Students work toward completion of a portfolio.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- 2 previous Art Classes (Art 2, 3, 4, 5, 6)
- Recommendation from Department Chairperson
- One (1) Art Contest per semester must be entered.

ASSESSMENT:

Students are assessed on portfolio submissions that show the completion, complexity, and breadth of pre-planned teacher approved in-class quarter and semester projects.

COURSE DESCRIPTION:

CONTEMPORARY MEDIA (P) - GRADES 11, 12

A course designed for students learning to analyze film critically as a medium of communication and a distinctive art form in the culture. Various genres, themes, and film elements are investigated and evaluated through discussion and viewing. Students apply what is learned as a result of their critical assessments by creating their own short film.

LENGTH OF COURSE:

1 semester

ASSESSMENT:

Tests, movie reviews, mini film projects, and a major project which involves writing and creating a 5 minute short film.

VISUAL & PERFORMING ARTS

COURSE DESCRIPTION:

FASHION STUDIES: DESIGN AND MARKETING

GRADE: 11, 12

COURSE DESCRIPTION:

Fashion Studies is a full year academic based CTE course is developed to introduce the different concepts of fashion, including, but not limited to, design, merchandising and marketing. Content in fashion studies will include the social, cultural, and personal aspects of apparel choices, fashion “language” through vocabulary, fashion careers exploration, introduction to textiles, overview of fashion designers and collections, color theory, basic principles of art and design, fashion history, fashion merchandising, trend forecasting, style and pricing strategies and fashion styling. Students will apply their acquired knowledge through written research, creation of fashion and culminating events through project based learning.

LENGTH OF COURSE:

2 semester

PREREQUISITES:

“B” each semester in Studio Art.

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments include tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

PATHWAYS:

Course Prepares student for Introduction To Fashion History and Design. Beginning with the 2020-21, this class will be a pre-requisite for *Introduction to Fashion History & Design*.

COURSE DESCRIPTION:

INTRODUCTION TO FASHION HISTORY & DESIGN

GRADE 11, 12

An in-depth look at how history and culture has influenced fashion. This course introduces students to the fundamental use of tools related to hand and machine construction of clothing and fabric arts. Projects not limited to but include basic mending and repairing of garments. Estimate cost of supplies approximately \$50.

LENGTH OF COURSE:

1 semester

PREREQUISITES:

None

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments include tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

PATHWAYS:

Course prepares student for:
Fashion Construction & Design

COURSE DESCRIPTION:

FASHION CONSTRUCTION & DESIGN - GRADE 12

An advanced level course further developing the student’s knowledge of the textile and apparel industries. This course strengthens the student’s skill set in sewing and embroidery with a project-based approach to clothing construction, pattern comprehension and alteration. Approximate cost of supplies - \$50-\$100

LENGTH OF COURSE:

1 semester

PREREQUISITES:

- Introduction To Fashion History & Design
- Teacher approval required

ASSESSMENT:

Project assessments are based on project specific rubrics. Other assessments include tests and written benchmark responses. As this is an in-class-only project based class (Projects are never done outside of class) attendance and class time management are also considered in assessing grades.

WORLD LANGUAGE

FRENCH

COURSE DESCRIPTION

FRENCH I (P) - Grades 9, 10, 11, 12

An audio-lingual course in elementary French to develop basic listening, speaking, reading and writing skills in the French language. An emphasis is placed on mastering of the grammar and syntax of the language. French civilization and culture are also introduced.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares student for French II.

COURSE DESCRIPTION

FRENCH II (P) - GRADES 9, 10, 11, 12

An audio-lingual course designed to strengthen and expand the skills mastered in French I. New forms of grammar and syntax are presented to enable greater fluency in comprehension and conversation. Continued study of the culture of the French-speaking world is included.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

Successful completion of French I.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares student for French III.

COURSE DESCRIPTION

FRENCH III (P) - GRADES 10, 11, 12

An audio-lingual course conducted in French covering advanced grammatical structure and conversational French. Literary forms such as poems and short stories are included. Continued study of the franca-phone world and culture is done, as well as some world issues.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

"B" in French II each quarter

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

WORLD LANGUAGE

SPANISH I

SPANISH II

COURSE DESCRIPTION

SPANISH I (P)

Spanish I is an audio-lingual course designed to develop basic listening, speaking, writing and reading skills in the Spanish language. An emphasis is placed on mastery of the grammar and syntax of the language. An important facet of the course is the use of dialogues based on everyday situations and language tapes and videos. Aspects of the Hispanic cultures are introduced.

LENGTH OF COURSE:

2 semester courses

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares the student for Spanish II

COURSE DESCRIPTION:

SPANISH II (P)

An audio-lingual course designed to strengthen and expand the skills mastered in Spanish I. New forms of grammar and syntax are presented to enable greater fluency in comprehension and conversation. Continued study of the culture of the Spanish-speaking world is also included.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

- Successful completion of Spanish I **OR**
- 90% or above on Spanish placed test

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares the student for Spanish III

WORLD LANGUAGE

SPANISH III

A.P. SPANISH IV

COURSE DESCRIPTION:

SPANISH III (P)

An audio-lingual course designed to promote the effective use of the four language skills utilizing advanced grammatical structures and vocabulary. Continued study of Spanish-speaking cultures is included.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

“B” in Spanish II each quarter.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares the student for A.P. Spanish IV

COURSE DESCRIPTION:

A.P. SPANISH IV LANGUAGE & CULTURE (AP)

A.P. Spanish Language and Culture is a college level course that further develops Spanish language and critical thinking skills. Six themes serve as the course framework: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students develop a college level vocabulary that allows them to compare and contrast diverse viewpoints in reading, writing, listening and speaking activities such as formal and informal correspondence, presentational writing, and presentational speaking. Practical everyday conversational skills, advanced grammar topics, and test strategies are core parts of the course curriculum.

LENGTH OF COURSE:

2 semesters

PREREQUISITES:

“A” in Spanish III each quarter.

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation. Students who register must take AP Exam.

WORLD LANGUAGE

AMERICAN SIGN LANGUAGE

COURSE DESCRIPTION:

AMERICAN SIGN LANGUAGE (P)*

This first year course is designed to teach students the fundamentals of Sign Language and culture of the Deaf community. This course will provide conversational signing skills and knowledge of ASL grammar. Deaf culture will be taught through textbooks, Deaf visitors, and Deaf community events. Expressive and receptive signing skills are practiced through dialogues, projects, and presentations.

LENGTH OF COURSE:

2 semesters

ASSESSMENT:

Assessment will be based on participation, collaboration, organization, test/quiz performance, composition and vocabulary, homework, listening and translation.

PATHWAYS:

Course prepares the student for ASL 2.