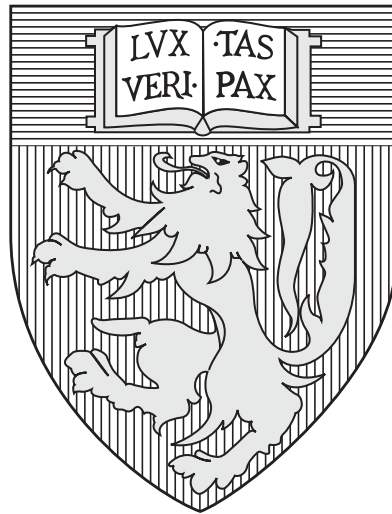


St. Lucy's Priory High School



2009 ~ 2010 COURSE DESCRIPTION GUIDE

FORWARD TO THE STUDENT

This Course Description Guide is presented to the student with the hope that the Guide helps the student make the very best selection of high school subjects.

SUBJECTS FALL INTO FOUR GENERAL CATEGORIES:

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

BEFORE SELECTING ANY CLASS, THE FOLLOWING CONSIDERATIONS SHOULD BE MADE:

1. success in similar classes;
2. special interests and abilities;
3. plans for college/career;
4. the advice of parents, teachers/counselors who have knowledge of past performance and ability.

Pages 2 and 3 of the booklet explains St. Lucy's Priory High School's graduation requirements.

Pages 4 and 5 discuss the requirements needed for various schools after graduating from St. Lucy's.

Pages 6-18 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.

Pages 19-22 provide worksheets to outline and/or summarize classes already taken or planned for each of the years in St. Lucy's.

Students in Honors (HP) or Advanced Placement (AP) courses must qualify with a Grade Point Average of 3.50 each quarter and semester.

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.

Rev. 3/2009

ST. LUCY'S GRADUATION REQUIREMENTSStudent Guide

	<u>UNITS REQUIRED</u>				<u>Total Units*</u>
	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>Required</u>
Religion	10	10	10	10	40
English	10	10	10	10	40
Social Sciences	10		10	10	30
Foreign Language <i>(Levels I & II)</i>	10	10			20
Mathematics	10	10	10		30
Science		10	10		20
Physical Education	10				10
Visual & Performing Arts		10			10
Electives			10	30	40
Total Units Required	60	60	60	60	240

Two hundred forty (240) units 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 units or to make substitutions for required classes. All such decisions, however, are made after an administrative review of the student's individual circumstances.

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 - year class

SPECIFIC DEPARTMENT REQUIREMENTS

RELIGION

Freshman Year: Adolescent Psychology, Christian Scripture
Sophomore Year: Church History, Ethics
Junior Year: Hebrew Scriptures, Social Issues
Senior Year: The Developing Church, Christian Lifestyles

ENGLISH

Freshman Year: English I or English I Honors
Sophomore Year: English II or English II Honors
Junior Year: American Literature or AP English Language
Senior Year: English Literature or AP English Literature

SOCIAL SCIENCES

Freshman Year: World History
Junior Year: U.S. History or A.P. U.S. History
Senior Year: U.S. Government or A.P. U.S. Government and Politics and Economics

FOREIGN LANGUAGE

Levels 1 and II: Spanish 1 & 2 OR French 1 & 2 - The requirement is completed in the same language, Freshman or Sophomore year.

MATHEMATICS

Freshman Year: Algebra I, Advanced Algebra I or Advanced Algebra I Honors
Sophomore Year: Geometry, Advanced Geometry, or Advanced Geometry Honors
Junior/Senior Years: Algebra II, Advanced Algebra II, Advanced Algebra II Honors, Statistics and Probability, Calculus, A.P. Calculus

SCIENCE

Sophomore Year: Required: Biology
Junior Year: Required: Chemistry or Honors Chemistry, OR Physical Science
Junior/Senior Years: A.P. Biology, Physics, Physiology and Physiology II-Kinesiology.

PHYSICAL EDUCATION

Freshman Year: Physical Education - 10 units
The Physical Education requirement must be completed unless there is a specific medical reason which does not permit the student to participate. In such cases the student is required to obtain a written statement from her doctor.

VISUAL AND PERFORMING ARTS

Sophomore Year: 10 units (year course) required: Studio Arts or Theater Arts

REQUIREMENTS FOR THE UNIVERSITY OF CALIFORNIA AND CALIFORNIA STATE UNIVERSITY

(1 unit = a 1-year course)

- A) History: 2 units - 1 of World History and 1 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 I, Geometry, and Algebra II (4 units recommended)
- D) Laboratory Science: 2 units - Laboratory Science courses.
One year of life science and one year physical science chosen from Biology, Chemistry (or Physical Science for CSU only), Physics, AP Biology, Physiology I and Physiology II (3 units recommended)
- E) Foreign Language: 2 units - Levels I and II 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 e. 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.)

Course Requirements:

In grades 9-12, 15 units of academic work must be completed. At least seven of these academic units must be earned in the last two years of high school.

Scholarship Requirement:

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 the ninth grade or earlier will not be used in determining the G.P.A.

G.P.A.

In 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 the University gives 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. A.P. classes or junior-level honors classes taken in sophomore year will also be weighted.

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 Reasoning Test or the American College Test (ACT) with Essay.

TWO SAT: Subject Tests from different areas:

Mathematics, Social Sciences, Foreign Languages, Literature or Science

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 Reasoning Test or ACT plus two SAT Subject tests.

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 last three years of high school and the results of either the ACT or SAT Reasoning Test, reading and math sections.

Students with G.P.A.s below 2.0 are not eligible. Students with G.P.A.s 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. The College Handbook, available in the school guidance room and library, also lists required subjects and www.collegeboard.com may be consulted. 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 Reasoning Test prior to acceptance.

ENGLISH

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

REQUIRED COURSES

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

ENGLISH I (P) or ENGLISH I HONORS* (HP) - 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. Oral presentation required. Two-semester course. (Honors requires 90% tile in Entrance Exam – top 30 students are taken, grade point of A = 4 points)

ENGLISH II (P) or ENGLISH II HONORS* (HP) - 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 required. Oral presentation required. Two-semester course. (Honors requires G.P.A. of 3.5 each quarter and a minimum of an "A-" in each quarter of English I AND PASS AN ESSAY – top students are taken, grade point of A = 4 points)

ENGLISH - REQUIRED - Grade 11

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. Oral presentation and research paper required. Two-semester course – 10 units.

OR

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. Two-semester course – 10 units. Prerequisite: GPA of 3.5 each quarter and a grade of "A" in English 2 each quarter, teacher recommendation.

ENGLISH - REQUIRED - Grade 12

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. Two-semester course – 10 units.

OR

A.P. ENGLISH LITERATURE (AP)

An advanced course with emphasis on English literature presented in a thematic context focusing on poetry, prose, and drama as influenced by World History 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. Two-semester course – 10 units. Prerequisite: GPA of 3.5 each quarter and a grade of “A-” in English 3 each quarter, teacher recommendation.

ELECTIVES

CREATIVE WRITING (P) - Grades 11, 12

A course designed to develop the skills in creative and imaginative writing forms. One semester.

JOURNALISM - Grades 10, 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 also introduced to broadcast journalism as a result of their hands-on experience with the monthly production of “What Else Is There?”. Two-semester course – 10 units. Prerequisite: “A” average in English, teacher’s approval.

YEARBOOK - Grades 10, 11, 12

A workshop course designed to produce St. Lucy’s LUMEN. Included is practice in page planning, copy writing, photography, and layout techniques. Two-semester course, first semester begins at 7:15 am, second semester begins at 7:30 am – 10 units. Prerequisite: Minimum GPA of 2.5 and an interview process including teacher recommendation. Pass/Fail grading is used.

FOREIGN LANGUAGE

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

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. Two-semester course.

FRENCH II - Grades 10, 11, 12 (P)

A 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. Two-semester course.

FRENCH III - Grades 11, 12 (P)

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 franco-phone world and culture is done. Two-semester course. Prerequisite: "B-" in French II each quarter.

A.P. FRENCH IV - Grades 11, 12 (AP)

A course conducted in French to develop written and oral communication skills with accuracy and fluency approximate to that of a native speaker. The course includes a study of diverse literary forms such as poems, plays and novels. Intensive preparation for the Advanced Placement Exam is included. Two-semester course. Prerequisite: "B+" in French III.

SPANISH I - Grades 9, 10, 11 (P)

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. Two-semester course.

SPANISH II - Grades 10, 11, 12 (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. Two-semester course.

SPANISH III - Grades 11, 12 (P)

An audio-lingual course designed to promote the effective use of the four language skills utilizing advanced grammatical structures. Reading of cultural passages and literary works based on Spanish and Latin American sources and authors is included. Two-semester course. Prerequisite: "B" in Spanish II each quarter.

A.P. SPANISH IV - Grades 12 (AP)

A course conducted in Spanish to develop written and oral communication skills with accuracy and fluency approximate to that of native ability. The course includes study and discussion of twentieth century Spanish and Latin American literature and cultures. Extensive preparation for the A.P. exam is included. Two-semester course. Prerequisite "A" in Spanish 3.

MATHEMATICS

St. Lucy's graduation requirements include 3 years or 30 units 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.

- Grade 9 - Required - Algebra I, Advanced Algebra I or Advanced Algebra I Honors
- Grade 10 - Required - Geometry or Advanced Geometry or Advanced Geometry with Honors.
- Grade 11 - Required - Algebra II, Advanced Algebra II, Advanced Algebra II Honors, Statistics and Probability
- Grade 12 - Elective - Statistics and Probability, Calculus, AP Calculus.

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

ALGEBRA I (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. Two-semester course.

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. Two-semester course. Prerequisite: 50% tile on the entrance exam.

ADVANCED ALGEBRA I HONORS (HP)

A systematic investigation of the properties of real numbers and algebraic concepts. Two-semester course. Prerequisite: 90% tile on the entrance exam – top 30 students are selected. (Grade point of A = 4 points)

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 II. Two-semester course. Prerequisite: Algebra I.

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 Algebra II. Two-semester course. Prerequisite: "B-" each quarter in Advanced Algebra, or "A-" each quarter in Algebra.

ADVANCED GEOMETRY - HONORS (HP)

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 II. Two-semester course. Prerequisite: "B+" each quarter in Advanced Algebra I Honors, or "A-" each quarter in Advanced Algebra I and GPA of 3.5. (Grade point of A = 4 points)

ALGEBRA II (P)

An axiomatic approach to the study of real and complex numbers and also an introduction to functions and analytic geometry. Two-semester course. Prerequisite: "C" in Algebra I and in Geometry.

ADVANCED ALGEBRA II (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. Two-semester course. Prerequisite: "B" each quarter in Advanced Algebra I and in Advanced Geometry. Qualify on Pre-Algebra II Exam.

ADVANCED ALGEBRA II - HONORS (HP)

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 and circular functions and proofs of trigonometric identities is also included. Two-semester course. Prerequisite: "A-" each quarter in Advanced Algebra I and in Advanced Geometry with GPA of 3.5. Qualify on Pre-Algebra II Exam. (Grade point of A = 4 points)

STATISTICS and PROBABILITY (P)

The course is a non-calculus mathematics-based introduction to statistics which covers broad based conceptual themes: exploring data, observing patterns and departures from patterns; planning a study, deciding what to measure and how to measure it; anticipating patterns in advance, introducing probability and simulation; principles of counting; permutations and combinations. Two-semester course. Prerequisite: "C+" each quarter in Algebra II. G.P.A. of 2.6.

CALCULUS (P)

A full year course in the study of the limit theory and also of differential and integral calculus. Algebraic functions are used. Two-semester course. Prerequisite "B-" in Advanced Algebra II each quarter and a G.P.A. of 3.0.

A.P. CALCULUS (AP)

An in-depth study of limit theory, differential and integral calculus with emphasis on techniques using algebraic functions. The course includes one and a half periods and the student must take the AP Exam. Two-semester course. Prerequisite: GPA 3.5 and "B" in Adv. Algebra II Honors each quarter and qualify on Pre-Calculus Exam.

PHYSICAL EDUCATION

Required - Physical Education 10 units – Grade 9

Electives - P.E. Sports, P.E. Student Assistants/Office Aide (Aide in grades 11 and 12 only).
No more than 15 units of Physical Education may be used toward Graduation Requirements.

PHYSICAL EDUCATION – - REQUIRED 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. Two-semester course - 10 units.

P.E. SPORTS - Grades 9, 10, 11, 12

Students participate in seasonal sports which are the following: FALL: Volleyball, Tennis, Cross-Country; WINTER: Basketball, Soccer, Water Polo; SPRING: Softball, Swimming, Track & Field. 2.5 units per sport. Pass/Fail grading is used.

PHYSICAL EDUCATION STUDENT ASSISTANT/OFFICE AIDE - Grades 11, 12

This course allows a Junior or Senior interested in a career in P.E. or recreation to gain experience instructing athletic activities in cooperation with the P.E. instructor. Course may also be taken as an Office Aide position. One-semester course. Prerequisite: Approval of the Athletic Director. Pass/Fail grading is used.

SPECIAL SERVICES

Electives:

LIBRARY AIDE - Grades 11, 12

The student assists at the circulation desk to check out materials, file cards, record circulation, care for periodicals, and other areas of need. One-semester course. Pass/Fail grading is used.

OFFICE AIDE - Grade 12

The student assists in the Main Office to help with general errands, mailings, filing, and other areas of need. One-semester course. Pass/Fail grading is used.

RELIGION

All students are required to enroll in a religion class each semester; all students take two one-semester courses each year.

ADOLESCENT PSYCHOLOGY - Grade 9

The course presents personal growth and maturity issues and includes the development of a sexual moral code appropriate to the high school adolescent. The course also includes a survey of the Roman Catholic Church and basic Roman Catholic beliefs and teachings. Required – One-semester course (5 units)

CHRISTIAN SCRIPTURE - Grade 9

The course includes a brief summary of the history, beliefs and practices of Judaism and its relationship to Christianity. The Bible is introduced as a source of prayer, study, and inspiration. The Christian Scriptures are used to develop a closer relationship with Jesus and the implications this holds in daily life. Required - One-semester course (5 units)

CHURCH HISTORY - Grade 10

The course provides a foundation in Roman Catholic sacramental belief and practice. The course shows how God communicates a loving presence to us and how we respond in prayer and in worship. The course centers on Jesus as the perfect expression of God in history and portrays the Church as the continuing presence of Christ in the world so as to provide an understanding of the changing yet consistently Spirit-renewed Church. Each of the seven sacraments of the Church is also studied. Required - One-semester course (5 units)

ETHICS - Grade 10

The course provides a foundation in morality in the light of Christian faith and Roman Catholic teachings. Basic human needs and values, the impact of religious faith, moral commitments and conscience development, authority, sin, evil, reconciliation, prejudice and justice are topics treated in the course. The sanctity of life and related issues are studied. Required - One-semester course (5 units)

HEBREW SCRIPTURES - Grade 11

The course includes selected readings of the major books of the Hebrew Scriptures in a context consistent with the learning, teaching, and prayer of the Church. Required - One-semester course (5 units)

SOCIAL ISSUES - Grade 11

The course presents a Christian vision of a just world based on the principles of natural law, the witness of the Hebrew Scriptures, and the life and teachings of Jesus. The course presents working for justice as an essential element of Christian life. Required - One-semester course (5 units)

THE DEVELOPING CHURCH - Grade 12

The course presents a brief, historical presentation of the Roman Catholic Church as it has grown and developed from Jesus' time to its current witness in the world. The course also offers an ecumenical, post-councilor view of the church and provides an overview of the Holy Spirit's guidance throughout the movement and development of theological beliefs. Required - One-semester course (5 units)

CHRISTIAN LIFESTYLES - Grade 12

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. Required - One-semester course (5 units)

SCIENCE

St. Lucy's graduation requirements include 2 years or 20 units of science. Students with a strong academic record and a desire to attend a four year college should register for Biology and Chemistry. Students eligible for UC entry level universities should strongly consider taking Biology, Chemistry and Physics or A.P. Biology

GENERAL SCIENCE

Grade 10 - Required: Biology

Grade 11,12 - Chemistry or Physical Science
Elective: A.P. Biology, Chemistry, Chemistry Honors, Physics, Physical Science, Physiology, Physiology II (Kinesiology)

BIOLOGY – Grade 10 (P)

A biology laboratory course designed to meet the needs of the student. Topics include cell structure and function, genetics, reproduction, evolution, and a survey of the kingdoms. Two-semester course.

PHYSICAL SCIENCE - Grades 11, 12 (P)

Students perform experiments, collect data, and perform calculations based on their data. The basic laws of physical science and concepts such as density, conservation of mass, energy, molecular motion, and atomic structure are discussed. Two-semester course that satisfies CSU requirements for entrance.

Prerequisite: Biology P (for background in scientific lab analysis), Algebra 1 P, Geometry P and Algebra 2 P (may be taken concurrently).

CHEMISTRY - Grades 11 (P)

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. Two-semester course. Prerequisite: Algebra II may be taken concurrently. G.P.A of 2.8 each quarter and a "B" in Biology and in Adv. Algebra I.

CHEMISTRY HONORS - GRADES 11 (HP)

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. Laboratory experiments are designed to illustrate principles covered in lecture. Two-semester course. Prerequisite: Algebra II which may be taken concurrently, GPA of 3.5 each quarter and an "A" in Biology each quarter and "B+" in Adv. Algebra I.

PHYSICS - Grade 12 (P)

A college preparatory course in which motion, forces, vectors, heat, sound, electricity, magnetism, and radioactivity are treated from an investigative and conceptual approach. This course is recommended for all students planning a career in a science or technical field. Two-semester course. Prerequisite: G.P. A. of 3.0 and "B" in Adv. Algebra II or Honors, Calculus, or AP Calculus may be taken concurrently.

A.P. BIOLOGY - Grades 12 (A.P.)

An intensive survey course intended for students whose college major may be in the biological 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. One day a week, students will be required to attend an extra half-hour class beyond the regular school schedule to allow greater laboratory activity. Two-semester class. Prerequisite: GPA of 3.5 each quarter and a "A" in Biology and a "B+" in Honors Chemistry each quarter.

PHYSIOLOGY I - Grade 11, 12 (P)

An advanced course in which the structure and function of the human body and the abnormalities of disease are studied. Current topic and research in medical fields are explored. Medical Terminology is stressed. One-semester course. Prerequisite: "C+" in Biology.

PHYSIOLOGY II: (Kinesiology) - Grades 11, 12 (P)

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. One-semester course. Prerequisite: "C+" in Physiology.

SOCIAL SCIENCES

REQUIREMENTS

TOTAL - 30 UNITS

Grade 9 - World History

Grade 11 - U.S. History or A.P. U.S. History

Grade 12 - U.S. Government or A.P. U.S. Government and Politics (Sem. 1) Economics (Sem. 2)

REQUIRED COURSES

WORLD HISTORY - Grade 9 (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. Two-semester course.

U.S. HISTORY - Grade 11 (P)

A chronological account of the origin and development of U.S. democratic ideals, institutions and practices, with emphasis on causes and effects and underlying trends and movements. Two-semester course.

A.P. U.S. HISTORY - Grade 11 (AP)

An intensive examination of the United States from the Age of Exploration to the contemporary 1990's. 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. Two-semester course. Prerequisite: GPA of 3.5 each quarter and an "A" in World History each quarter. Students who register must take the AP Exam.

U.S. GOVERNMENT - Grade 12 (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. One-semester course.

A.P. U.S. GOVERNMENT AND POLITICS - Grade 12 (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. The course will prepare students for the A.P. exam in United States Government and Politics. One-semester course. Prerequisites: GPA of 3.5 each quarter and "A" in U.S. History in each quarter or an "A" or "B" in A.P. U.S. History in each quarter.

ECONOMICS - Grade 12 (P)

A course designed to provide students with an understanding of the American market economy that includes economic principles with applications in the American and world situation. The course helps the student analyze, evaluate and apply economic theory to contemporary problems. One-semester course.

SOCIAL SCIENCES - ELECTIVES

A.P. EUROPEAN HISTORY - Grades 10, 11, 12 (AP)

An intense examination of the origin and development of Western Civilization, stressing democratic ideas, institutions and practices through cause and effect reasoning. A unit in world history and culture is included. Course structure consists of lecture, discussion, writing, and reading. Two-semester course. Prerequisites: GPA of 3.5 each quarter, an "A" in World History each quarter, and appropriate TEST scores.

PSYCHOLOGY I (GENERAL PSYCHOLOGY) - Grade 11, 12 (P)

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

PSYCHOLOGY II (Early Childhood Growth & Development) - Grade 11, 12 (P)

A study of the growth and development of young children. The course includes cognitive, physical, social and emotional growth of the child from birth to school age. One-semester course.

PSYCHOLOGY II PRACTICUM - Grade 11, 12

An introductory experience in working with preschool children in a day care center which includes selecting specific activities and helping preschoolers in these activities. The course includes classroom orientation and daily field work. One-semester course. Prerequisite: Psychology II. Limited enrollment.

APPLIED PSYCHOLOGY - Grade 12

An introduction to the concepts and skills needed for attending, empathy, genuineness, assertiveness, confrontation, problem solving, and respect in effective interpersonal communication between peer counselors and others. The course acquaints the students with the demands of the helping profession both in theory and practice. One-semester course. Prerequisite: Psychology I. Limited enrollment.

VISUAL AND PERFORMING ARTS

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

A sequential and cumulative year long 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. Two-semester course. (year long) – 10 units.

ADV. ART II: CALLIGRAPHY/COMMERCIAL ART - Grades 11, 12 (P)

This class is designed to prepare the student for the art-advertising field. The student learns several types of lettering and their appropriate uses in advertising layouts, posters, advertisements, billboards, letterhead, and package designs. Students learn the historical development of alphabets and calligraphic styles and practice Italic and Gothic alphabets. One-semester course. Prerequisite: “B” in Studio Arts.

ADV. ART III: DRAWING - Grades 11, 12 (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. One-semester course. Prerequisite: “B” in Studio Arts.

ADV. ART IV: PAINTING/SCULPTURE - Grades 11, 12 (P)

This class expands the basics acquired in Studio Arts and Drawing (Adv. Art III) as the students learn more techniques. Color theory, watercolor, and tempera abstraction paintings are studied. This course also offers an introduction to three dimensional form. The students work with wood, paper, clay, plaster to create abstract and realistic forms. One-semester course. Prerequisite: “B” Studio Arts and Drawing.

ADV. ART V: COMPUTER BASED VISUAL ARTS - Grades 11, 12 (P)

Students will 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. One -semester course. Prerequisite: Studio Arts, Advanced Art II.

ADV. ART VI: COMPUTER DRAWING/PAINTING - Grade 11, 12 (P)

A course developed for students interested in learning computer painting techniques while utilizing the latest computer drawing and painting programs. One-semester course. Prerequisites: “B” in Studio Arts, Adv. Art III and Adv. Art V.

ADV. ART VII: INDEPENDENT ART PROJECTS - Grades 12 (P)

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. Student work toward completion of a personal portfolio. ONE ART CONTEST PER SEMESTER MUST BE ENTERED. One-semester course. Prerequisite: Two Art classes and permission of department chairperson.

ART APPRECIATION: THE WORLD OF ART AND MUSIC - Grade 11, 12 (P)

A chronological study of the humanities in the Western world. This course will explore the major styles as they appear in the arts of painting, sculpture, literature, and music from antiquity to the present day. One-semester course. Prerequisite for Enrollment: Two semesters of Studio or Theater Arts.

CONTEMPORARY MEDIA - Grades 11, 12 (P)

Historical and critical analysis of film as a medium of communication and a distinctive art form in the culture. Various genres, themes, and film elements will be investigated and evaluated through discussion and viewing. Students will apply what is learned as a result of their critical assessments by creating their own short film. One-semester course. Prerequisite: Two semesters of Studio or Theater Arts. Good writing and analytical skills, above average grades in English courses.

SEWING I - Grade 12

A course designed for the student with limited or no previous sewing experience. The student is introduced to the basic principles of apparel design, construction, and pattern alteration. Two-semester course.

SEWING II - Grade 12

A second semester course for the advanced student to pursue greater skill in apparel design and construction and develop greater sewing skills. One-semester course. Prerequisites: Sewing I. Teacher approval required.

SEWING AIDE - Grade 12

A second semester course for the advanced student who wishes to help other students with the development of sewing skills. One-semester course. Prerequisites: Sewing I. Teacher approval required. Pass/Fail grading is used.

THEATER ARTS - Grade 10 (P)

A course which 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. Two-semester course (year long).

ADV. DRAMA: Theater Productions and Competition - Grades 11, 12

A course designed to present methods of internalizing dramatic roles, ensemble acting, scenes, auditions, and public performances. Required performances and/or technical work for all students as well as participation in acting competitions as designated by the instructor. Two-semester course. Prerequisite: Theatre Arts, audition, or permission of instructor. Pass/Fail grading is used.

MUSIC AND VOICE - Grades 10, 11, 12

A course designed to introduce a basic knowledge of vocal technique and to encourage vocal performance. Two-semester course - "G" block two days a week. Pass/Fail grading is used.

St. Lucy's Priory High School

FRESHMAN WORKSHEET 2009-2010

ASTERISK (*) INDICATES PREREQUISITE.

REQUIRED COURSES

1. **RELIGION I** - Adolescent Psychology, Christian Scripture (10)

2. **ENGLISH** (10)
English I (P)
English I Honors* (HP) (*HONORS requires a Prerequisite 90% tile in Verbal Skills, Reading AND Language Skills, and Composite Score on the Entrance Exam (higher scores given preference).*)

3. **WORLD HISTORY** (10) (P)

4. **PHYSICAL EDUCATION** (10)

5. **MATHEMATICS** (10)
Algebra I (P)
Advanced Algebra I (P)
Advanced Algebra I Honors* (HP) (*Requires a score of 90% tile in Quantitative Skills, Math Basic Skills, and Composite Score, higher scores given preference*)
Advanced Geometry (P) or Advanced Geometry Honors (HP) (*Requires the passing of Algebra Proficiency Examination AND a full year of Algebra I in Grade 8 with a minimum grade of A-*)

6. **FOREIGN LANGUAGE** (10)
French I (P)
Spanish I (P)
Spanish II* (P) (*Requires the passing of Spanish I Proficiency Examination*)
French II* (P) (*Requires the passing of French I Proficiency Examination*)

St. Lucy's Priory High School

SOPHOMORE WORKSHEET 2009-2010

This worksheet is designed to help you identify the classes open to Sophomore selection.

ASTERISK (*) INDICATES PREREQUISITE.

REQUIRED COURSES

1. **RELIGION II** - Church History/Ethics (10)
2. **ENGLISH II** or **ENGLISH II Honors*** (10) (P)
3. **MATHEMATICS** (10)
Geometry (P)
Advanced Geometry* (P)
Advanced Geometry Honors (HP)

If Geometry course is completed during Grade 9:
Algebra II (P)
Advanced Algebra II * (P)
Advanced Algebra II Honors* (HP)
4. **FOREIGN LANGUAGE** (2nd year same language) (10)
Spanish II (P) **OR** French II (P)
Spanish III (P) French III (P)
5. **BIOLOGY** (10) (P)
6. **ELECTIVE(S) – Visual & Performing Arts Requirement**

ONE class that is a year long

Studio Arts (P)
Theater Arts (P)

7. **G BLOCK ONLY** - 7:30 am

Journalism* (*Instructor's approval*)
Yearbook* (*Instructor's approval*) Semester 1 class begins at 7:15 a.m.
Spanish III* (P)
Music and Voice (*G block 2 days per week*)
A.P. European History* (AP) (*3.5 GPA & "A" in World History EACH Quarter and appropriate TEST scores.*)

St. Lucy's Priory High School

JUNIOR WORKSHEET 2009-2010

ASTERISK (*) INDICATES PREREQUISITE.

REQUIRED COURSES

- RELIGION (10)**
Hebrew Scriptures
Social Issues
- SOCIAL SCIENCES (10)**
U.S. History (P)
OR
A.P. U.S. History* (AP) (GPA of 3.5 each qtr., "A" in World History each qtr.)
- ENGLISH (10)**
American Literature (P)
OR
A.P. English Language* (AP) (G.P.A. of 3.5 Each quarter and "A" each qtr. in English II)
- MATHEMATICS (10)**
Algebra II (P)
Adv. Algebra II* (P)
Adv. Algebra II Honors* (HP) (GPA 3.5 each Qtr. and "A-" in Adv. Alg. I & Adv. Geom. - each Qtr. and qualify on Pre-Algebra II exam.)
Statistics and Probability (P)*
A.P. Calculus* (AP) (GPA 3.5 each quarter and "B" in Adv. Alg. II Honors - each quarter and qualify on Pre-Calculus Exam)
- SCIENCE (10)**
Physical Science (P) (year course for CSU)
OR
Chemistry* (P) (G.P.A of 2.8 each quarter and "B" in Biology and Adv. Alg. 1 - each quarter)
OR
Chemistry Honors* (HP) (GPA 3.5 each quarter and "B+" in Adv. Alg. I each quarter and "A" in Biology each quarter)
OR
Physiology (5) (P)
Physiology II (Kinesiology) (5) (P)
- ELECTIVES (10)**
Select ONE elective of TWO semesters **OR**
TWO electives of ONE semester each

TWO SEMESTER ELECTIVES

French I, II, III (P)
A.P. French IV* (AP)
Spanish I, II, III (P)
AP Spanish IV* (AP)
Studio Arts (P)
Theater Arts (P)
A.P. European History* (AP) (3.5 GPA & "A" in World History EACH Quarter and appropriate TEST scores.)

ONE SEMESTER ELECTIVES

Creative Writing (P)
Beg. Drama Direction* (Instructor's Approval)
Adv. Art II: Calligraphy/Commercial Art* (P)
Adv. Art III: Drawing* (P)
Adv. Art IV: Painting/Sculpture* (P)
Adv. Art V: Computer Based Visual Art* (P)
Art Appreciation (P)
Contemporary Media (P)
P.E. Student Assistant/Office Aide*
Psychology I (General) (P)
Psychology II (Early Childhood) (P)
Practicum*
Physical Science (P)
Physiology (P)
Physiology II* (Kinesiology) (P)

G BLOCK ONLY – 7:30 AM

Spanish III* (P)
Yearbook* (Instructor's approval) Semester 1 class begins at 7:15 AM
Journalism* (Instructor's approval)
Drama - Prod. & Competition* (Instructor's approval)
Music and Voice (G block 2 days per week)
A.P. European History* (AP) (3.5 GPA & "A" in World History EACH Quarter and appropriate TEST scores.)

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SENIOR WORKSHEET 2009-2010

ASTERISK (*) INDICATES PREREQUISITE.

REQUIRED COURSES

1. **RELIGION** (10)
Church
Christian Lifestyles
 2. **SOCIAL SCIENCES** (10)
U.S. Government (5) (P) **OR**
A.P. U.S. Government and Politics* (5) (AP)
*(GPA of 3.5 each quarter and "A" in U.S. History
OR "A or B" in A.P. U.S. History - EACH quarter)*
Economics (5) (P)
 3. **ENGLISH** (10)
English Literature (P)
- OR**
- A.P. English Literature* AP *(GPA of 3.5 each quarter and "A-" each quarter in English)*
4. **ELECTIVE** (10)
 5. **ELECTIVE** (10)
 6. **ELECTIVE** (10)

Elective total 30 units.

TWO SEMESTER ELECTIVES

French* II, III (P)
A.P. French IV* (AP)
Spanish* II, III (P)
A.P. Spanish IV* (AP)
Statistics and Probability (P)*
Calculus* (P) *(GPA of 3.0, "B" in Adv Alg II - each qtr.)*
A.P. Calculus* AP *(GPA 3.5 and "B" in Adv. Alg. II Honors each quarter and qualify on Pre-Calculus Exam)*
Physical Science (P) (year course for CSU)
Chemistry (P)
Physics* (P)
A.P. Biology* (AP) *(GPA 3.5 each quarter and "A" in Biology and "B+" in Honors Chemistry - each quarter)*
Studio Arts (P)
Theater Arts

ONE SEMESTER ELECTIVES

Creative Writing (P)
Beg. Drama Direction* *(Instructor's Approval)*
Adv. Art II: Calligraphy/Commercial Art* (P)
Adv. Art III: Drawing* (P)
Adv. Art IV: Painting/Sculpture* (P)
Adv. Art V: Computer Based Visual Art* (P)
Adv. Art VII: Independent Art* (P)
Art Appreciation (P)
Contemporary Media (P)
Sewing I
Trigonometry* (P)
Physical Science (P)
Physiology (P)
Physiology II/Kinesiology (P)*
Psychology I (General) (P)
Psychology II (Early Childhood) (P)
Practicum*
Applied Psychology*
Office Aide
Library Aide
P.E. Student Assistant/Office Aide*

G BLOCK ONLY

Spanish III* (P)
Yearbook* *(Instructor's approval)*
Semester 1 class begins at 7:15 am
Drama III, IV: Prod. & Competition*
(Instructor's approval)
Journalism* *(Instructor's approval)*
Music and Voice *(G block 2 days per week)*
AP European History* (AP) *(3.5 GPA & "A" in World History EACH Quarter and appropriate TEST scores.)*