

ROSELLE CATHOLIC HIGH SCHOOL

2018-2019

CURRICULUM GUIDE



***Roselle Catholic High School
Raritan Road
Roselle, New Jersey 07203
908-245-2350***

**PROGRAM OF STUDIES
2018-2019**

This Program of Studies has been prepared to inform the students and their parents of the academic policies, graduation requirements, and course offerings of Roselle Catholic High School. Students are asked to study the course requirements and course descriptions before registering for subjects for the following scholastic year.

ADMINISTRATION 2018-2019

President-Principal: Mr. Thomas Berrios
Assistant Principal for Student Affairs: Mr. Joseph Skrec
Assistant Principal for Academics: Mrs. Julie LaBrutto
Administrative Assistant: Mrs. Nancy W. Fischetti

ACADEMIC COUNCIL

Art Department Chairperson: Mrs. Donna Kropa
English Department Chairperson: Mrs. Lorraine Marusiefski
Technology Specialist: Mr. Karl Pedde
Guidance Department Chairperson: Mrs. Kathleen Skeeahan
Mathematics Department Chairperson: Mr. Pietro Ciliberto
Physical Education Department Chairperson: Ms. Jeanette Rondeau
Religious Education Department Chairperson: Mr. Thomas Berrios
Science Department Chairperson: Mrs. Nicole Boccagna
Social Studies Department Chairperson: Mrs. Linda Sees
World Languages Department Chairperson: Mrs. Julie LaBrutto

ACCREDITATION

*Roselle Catholic High School
is accredited by
The Middle States Association of Colleges and Schools.*

THE PHILOSOPHY OF ROSELLE CATHOLIC HIGH SCHOOL

The philosophy of Roselle Catholic High School, a college preparatory regional high school in the Archdiocese of Newark, is based on the Catholic Tradition of education as expressed by the Marist Brothers of the Schools. Following in the tradition of Saint Marcellin Champagnat, the founder of the Marist Brothers, we are dedicated men and women who believe that when educating young people, it is first necessary to love them. As such, we recognize that each student is valuable and unique. At Roselle Catholic, we strive to live and work as a Christian community marked by care, mutual respect, and discipline. Inspired by Saint Marcellin, we strive to educate our students to be good Christians and responsible citizens.

We believe that our primary responsibility is to provide every student the maximum opportunity for personal development. We teach our students to understand and apply ethical principles and values and prepare them for satisfying, productive work. We instill in our students recognition of their intrinsic worth and understanding of their strengths and limitations. We strive to deepen our students' appreciation of diversity and to encourage them to learn from one another. We are strongly committed to service in the larger community.

Through our academic programs, we seek to empower our students through discovery and by teaching them information, critical thinking skills, self discipline, and effective communication. We aspire to instill in our students a literary, cultural, scientific, and aesthetic appreciation as well as respect for the spiritual and physical dimensions of every human being. We foster informed and responsible use of technology for academic, personal, social, and creative purposes.

We believe that dedicated administrators, faculty and staff are indispensable in the implementation of our philosophy. Committed educators serve as role models for students who are learning to meet their daily challenges and striving to reach their full potential. We encourage and invite parental involvement and support to complement our work. We foster a rapport with parents through on-going interpersonal and electronic communication and provide them with educational and social opportunities.

At Roselle Catholic, we strive to instill in our students a desire for lifelong learning, a commitment to excellence, a profound appreciation of religious values, and the realization that the ultimate teacher is oneself.

MISSION STATEMENT

It is the mission of Roselle Catholic High School to ensure that all students demonstrate a commitment to develop fully their intellectual, moral, spiritual, and physical potential through the guidance and direction of talented educators dedicated to instilling the mastery of defined skills and knowledge that will empower our young people to be successful, responsible, and ethical citizens. This will be accomplished in the Marist Tradition and in the context of a safe and loving environment through learning in cooperation with family and community and excellence in teaching.

OBJECTIVES

In order to achieve our purpose we strive to:

- Create an atmosphere conducive to the development of Christian values,
- Carry the Christian commitment outside the school's walls so that our students, alumni, and faculty may contribute to the enrichment of society through service to others, meaningful work, and stewardship of our environment,
- Challenge students to strive for mastery of academic skills and encourage a personal commitment to excellence,
- Encourage self respect and respect for others,
- Cultivate creativity, critical thinking, self expression, logical reasoning, and sound judgment,

- Promote the physical and social development of our students, and foster a desire for lifelong learning by building on youth's natural intellectual curiosity.

ACADEMIC POLICIES AND COURSES

GRADUATION

A Roselle Catholic High School Diploma is awarded to a student for having satisfactorily completed all requirements for high school graduation as prescribed by the Archdiocese of Newark.

REPORT CARDS

In an effort to keep both students and their parents aware of a pupil's academic progress, report cards are issued four times a year. First Marking Period report cards will be distributed on Parent/Teacher night.

HONORS

FIRST HONORS:

1. 92.5 grade point average for the marking period with no grade below a weighted 80
2. No failures and no grade of 'Incomplete' (NM)

SECOND HONORS:

1. Average of 85 with no grade below a weighted 80 for the marking period
2. No failures and no grade of 'Incomplete' (NM)

NATIONAL HONOR SOCIETY: This is an association whose objectives are to create an enthusiasm for scholarship, to stimulate a desire to render service, to promote worthy leadership, and encourage the development of character in the students at Roselle Catholic High School. Criteria for entrance is a 92.5 cumulative grade point average. A student will be put on probation if the average for the marking period falls below 92.5 or if the student fails any subject. The student should also exhibit leadership qualities.

SPANISH AND FRENCH HONOR SOCIETIES: Students who qualify may also join the French and Spanish Honor Societies. Students must have studied 3 years of the language and have a 92.5 average for in the subject. Also, the student must exhibit leadership qualities.

DUAL ENROLLMENT

In conjunction with Seton Hall University, students in some of our advanced courses may additionally take these courses for credit given by Seton Hall University at a greatly reduced tuition rate. These credits are transferable to over two hundred colleges and universities nationwide. These courses are AP US History, AP European History, Honors Psychology, AP Psychology, Honors Spanish III, AP Spanish.

LEVELS OF ACCELERATION

Courses at Roselle Catholic are assigned to four grade levels, reflective of the degree of difficulty of course.

A **LEVEL FOUR COURSE (AP)** is an Advanced Placement course in which students are required to do college level work and must take the Advanced Placement Exam in May. Fee for each exam will be due at the beginning of the Second Semester. The fee for an AP Exam is determined by the College Board and in 2018 the fee is currently \$94.00 per exam. They tend to increase by one or two dollars each year.

A **LEVEL THREE COURSE (HON)** is an accelerated course. This course is designed for the student who does superior work. The student displays such qualities as initiative, creativity,

industry, interest, and good attitude. A student is selected for this program on the basis of his ability, achievement, past grades, and teacher recommendation.

A **LEVEL TWO COURSE (CP)** is aimed at students with average or above average ability. The course is directed to students whose ability and achievement can handle a mature interpretation of the subject matter and creates a challenge for the student.

A **LEVEL ONE COURSE** is designed for students who require strengthening of basic skills. These courses provide competence in necessary skills will be essential in everyday life.

COURSE REQUIREMENTS FOR GRADUATION FROM RCHS

Religious Education	4 years
English	4 years
Physical Education	2 years
History	3 years (Western Civilization, American History I & II)
Mathematics	3 years
Science	3 years
Foreign Language	2 years
Fine Arts	1/2 year (Art Survey)
Civics/Fiscal Literacy	1/2 year
Health	1/4 year
Driver Education	1/4 year

CREDIT ASSIGNMENT

All full year courses earn 5 credits.

All one semester courses earn 2.5 credits.

All one marking period courses earn 1.25 credits.

GUIDANCE DEPARTMENT

PURPOSE: The essential function of the Guidance Department is to assist Roselle Catholic students in profiting from the educational experience of the school and to help them plan realistically for the future.

Students may speak with counselors for help with course selection, test interpretation, academic difficulties, study habits, and skills. Students are also encouraged to consult with the guidance counselors for career planning, educational planning, and for clarifying and overcoming difficulties which may impede their personal, social and vocational development.

GUIDANCE SERVICES

1. Individual Meetings
2. Group Meetings
3. College and Career Guidance
4. Peer Counseling Program
5. Student Tutor Program in conjunction with the National Honor Society
6. Visitation with College Admissions Counselors
7. Workshops for parents on College Admissions & Financial Aid
8. Liaison with Union County Educational Services Commission
9. Course Selection Advisement
10. Referrals

11. College Essay Assistance
12. Test Preparation and Interpretation
13. College and career search through Naviance Family Connection
14. College application guidance and support
15. Transcript services
16. NCAA eligibility assessment
17. Bereavement counseling
18. Career Day

TESTING: The school testing program includes:

- PSAT 8/9 - Grade 9
- PSAT 10 - Grade 10
- ACT - Grade 11
- PSAT/NMSQT - Grade 11
- SAT and Subject Tests - Grades 11, 12
- Advanced Placement Tests

ART DEPARTMENT

911- ART SURVEY- One Semester

Art Survey is designed to introduce techniques of realistic drawing. The first lesson on one and two-point perspective allows students to begin observational drawing with realistic depth. Other lessons deal with the portrait, figure drawing, and shading in graphite and colored pencil. Students learn pen and ink techniques, color theory, and elements of good composition.

PREREQUISITE: none

931- ADVANCED ART I- Full Year

Advanced Art I is an elective for a student who would like to pursue an interest and develop a talent in Art. The first semester emphasizes the elements of the portfolio: still life drawings, perspective studies, the self-portrait, figure drawings, animal studies, scratchboard, and colored pencil works. The second semester includes creative design projects, acrylic painting, mask-making, watercolors, and fabric painting. A weekly sketchbook of observational drawing is a requirement of the course.

PREREQUISITE: Art Survey, Departmental Chairperson Approval

941- ADVANCED ART II- Full Year

Advanced Art II is an elective for a student who is considering a career in Art or an Art related field. The emphasis in the first semester is on honing the skills required for realistic observational drawing. Projects include figure drawings, interior designs in two-point perspective, portraits, still life renderings, and detailed ink drawings. During the second semester, students work on projects in acrylics, watercolors, oils, 2D design and plastercrafts. A weekly sketchbook of observational drawing is a requirement of the course.

PREREQUISITE: Advanced Art I, Departmental Chairperson Approval

933/945- HONORS ADVANCED ART II/ ADVANCED PLACEMENT ART- Two Full Years

This two year program is designed for a student interested in submitting an AP Studio Art portfolio in May of Senior year. The first year follows the requirements of Advanced Art I with the addition of weekly projects to develop the breadth section of varied experiences for the portfolio. The second year allows the student to design and experiment with materials and ideas based on a concentration or area of visual interest.

PREREQUISITE: Departmental Chairperson Approval

COMPUTER EDUCATION DEPARTMENT

571- TECHNOLOGY & DESIGN I - Semester

Technology & Design is a 2-part course and basic introduction to design & technology. In part one, students learn how to create soft & wearable circuits, code light patterns with LED's, and create digital projects with microcontroller computers. This will be a very interactive course to help introduce the students into digital fabrication & computer programming in a fun and exciting way.

PREREQUISITE: Application and Department Approval required (Freshmen)

572- TECHNOLOGY & DESIGN II - Semester

In part two, students will start to learn the basics of coding using a program called Scratch. With Scratch, people can create a wide variety of interactive media projects – animations, stories, games, and more – and share those projects with others in an online community. The students will then combine the complex circuits knowledge they have learned in part one, to create more intricate digital projects.

PREREQUISITE: Technology & Design I and Department Approval required (Sophomores)

560- GRAPHIC DESIGN I –Full Year

This introductory course is designed to learn the basic tools of Photoshop and Illustrator. Basic principles of graphic design will also be covered as students learn to apply these skills toward print and web. This class broadens the students' creative ideas and helps them understand the design process. Students should have a 512 MB (min) Flash Drive and graph paper notebook.

PREREQUISITE: None (Juniors & Seniors)

573- AP COMPUTER SCIENCE PRINCIPLES- Full Year

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills using a program called Processing, to create digital art and content using the Java language. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and world.

PREREQUISITE: B+ average in Algebra I & Geometry. (Juniors & Seniors)

574- AP COMPUTER SCIENCE A– Full Year

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

PREREQUISITE: AP Computer Principles or B+ average in Algebra I, Geometry, & Physics (Seniors only)

453- ENGINEERING DESIGN- Full Year

This course is an introduction to engineering principles and careers related to engineering. Students will explore the engineering design process and collaborate in groups to come up with

solutions to real world challenges. Students will identify problems, conduct research, design models and prototype solutions using digital design software. This course is hands-on, and will focus on problem solving, creative thinking, design, teamwork, communication, and applied math and sciences. **PREREQUISITE:** B+ average in Algebra I, Geometry (Juniors & Seniors)

ENGLISH DEPARTMENT

211- ENGLISH I- Full Year

This course is a comprehensive introduction to the subject and provides a foundation in the following areas of a language arts curriculum: (1) literature, including short stories, poetry, novels, drama, and a unit in Greek mythology; (2) composition, with an emphasis on grammar, usage, and mechanics; five-paragraph essay format with emphasis on literary analysis; and a research paper using both print and electronic sources; (3) activities in speaking, including oral presentations and discussion groups; (4) vocabulary, with exercises in synonyms, antonyms, context clues, and sentence completions; and (5) learning skills, including note-taking, and using the library.

PREREQUISITE: none

213- ENGLISH I: HONORS- Full Year

Like English I, but accelerated and more ambitious in its approach, incorporating literary works and composition assignments that are more extensive and demanding.

PREREQUISITE: Guidance Placement

221- ENGLISH II: AMERICAN LITERATURE- Full Year

The course explores and analyzes the literature of the United States. The course also includes (1) composition, with an emphasis on grammar usage and mechanics; five-paragraph essays incorporating literary analysis; creative writing assignments; and a research paper; (2) instruction and practice in various types of speech communications, including memorization skills; (3) continuation of the program in vocabulary; and (4) continued attention to library skills including the use of both print and electronic sources.

PREREQUISITE: English I

224- ENGLISH II: AMERICAN LITERATURE: HONORS- Full Year

Like English II, but accelerated and more ambitious in its approach. Students will write analytically and frequently about literature.

PREREQUISITE: English I & Department Chairperson Approval

231- ENGLISH III: BRITISH LITERATURE- Full Year

The course explores and analyzes the literature of Great Britain. The course also includes (1) instruction and practice in verbal skills in preparation for the PSAT and SAT; (2) papers of literary analysis, creative writing assignments, and a research paper on a literary topic; and (3) a continuation of the program in vocabulary.

PREREQUISITE: English II

235- ENGLISH III: BRITISH LITERATURE: HONORS- Full Year

The course goes beyond the regular English III course by demanding a greater analysis and appreciation of literature and including additional writing assignments of a sophisticated nature.

PREREQUISITE: English II and Department Chairperson Approval

234- ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION- Full Year

In this course of limited enrollment, selected students prepare to take the Advanced Placement English Language and Composition examination. Students will analyze the rhetoric of prose passages including autobiographies, biographies, diaries, essays, critical commentary, and

political and scientific writings. Students will demonstrate their skill in composition by writing essays in various rhetorical modes including narrative, expository, and persuasive. In addition, students will study the literature of Great Britain and produce a research paper on a literary topic. Students will be required to take the AP examination.

PREREQUISITE: English II and Department Chairperson Approval

241- ENGLISH IV: WORLD LITERATURE- Full Year

Having studied American and British literatures, students will now study appropriate literature selections from other parts of the world. Specifically, this course will explore and analyze works of Asian, African, South American, and European authors. The course also includes (i) papers of literary analysis including a literary thesis; (ii) expository, narrative, informative, and persuasive essays; (iii) continued attention to public speaking; iv) film analysis; (v) creative writing; and (vi) a continuation of the study of vocabulary.

PREREQUISITE: English III

245- ENGLISH IV: HONORS- Full Year

This accelerated course, similar to English IV, will also cover the works of authors from around the world. Course work includes in-depth analysis of selected works and a literary thesis.

PREREQUISITE: English III & Department Chairperson Approval

246- ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION- Full Year

In this course of limited enrollment, selected students prepare to take the AP Examination in English Literature and Composition. Through critical reading of representative works of recognized literary merit, students develop critical standards for the independent appreciation of any literary work. Through frequent writing assignments focusing on the critical analysis of literature, students will develop the ability to express their ideas in an organized, effective manner. Course work includes in-depth analysis of genres, of literature in its historical context, and of particular literary movements and styles.

PREREQUISITE: English III and Department Chairperson Approval

250 - CREATIVE WRITING/ EFFECTIVE SPEAKING- Full Year

This elective is a full year course open to Juniors and Seniors. During the first semester, the course will provide an outlet for creative expression as students produce original writing in the forms of poetry, short stories, fables, one-act plays, etc. Students will learn to employ effectively a variety of literary devices. Students' original works may be published in the school's literary magazine. During the second semester, students will learn effective speaking techniques and be required to present prepared and improvisational speeches on a variety of topics. Students will participate in a debate as their final exam.

PREREQUISITE: Department Approval

MATHEMATICS DEPARTMENT

511- ALGEBRA 1 - Full Year

This course is one which places emphasis on the fundamental algebraic operations and the real number system. Course content includes performing operations with signed numbers, operations with polynomials, factoring of polynomials, exponents, roots, radicals, graphing linear equations and inequalities, solving linear, absolute value, quadratic and radical equations, algebraic word problems and applications, functions, and solving systems of equations. The use of the scientific calculator is introduced.

PREREQUISITE: none

514- HONORS ALGEBRA 1 - Full Year

This course is designed to benefit the student who has demonstrated an above average ability in mathematics. Course content includes the topics from Algebra I (above) approached in a more rigorous method with a deeper emphasis on applications, word problems, graphing and the language of functions.

PREREQUISITE: High scores on Algebra placement exam, Guidance placement

521- GEOMETRY - Full Year

In this course geometry is treated as a deductive mathematical system. Topics include inductive and deductive reasoning, direct and indirect proof, congruent and similar triangles, quadrilaterals, parallelograms, polygons, perpendicular and parallel lines and planes, circles, perimeter, area, volume and trigonometry of a right triangle.

PREREQUISITE: Algebra 1

524- HONORS GEOMETRY - Full Year

Geometry is treated as a rigorous, deductive mathematical system. The role of logic in proof is emphasized. Topics include inductive and deductive reasoning, direct and indirect proof, congruent and similar triangles, quadrilaterals, parallelograms, polygons, perpendicular and parallel lines and planes, circles, perimeter, area, volume, and trigonometry of a right triangle. The course also includes a continuing review of Algebra topics.

PREREQUISITE: Algebra 1; Department Chairperson Approval

534- ALGEBRA 2 - Full Year

This course will continue to develop the skills presented in Algebra I. Practice in the fundamentals of algebra is provided for, while advanced topics are introduced and practiced. Topics include solving and graphing linear equations and inequalities, absolute value equations and inequalities, solving & graphing systems of equations, algebraic word problems, graphing parabolas, factoring of polynomials, the complex number system, solving quadratic and radical equations, simplifying roots & radicals, rules of exponents, relations & functions, functional notation, the complex number system, simplifying rational expressions, and solving rational equations.

PREREQUISITE: Geometry

543- HONORS PRE-CALCULUS - Full Year

This course will provide the mathematically-talented student an in-depth foundation for Calculus. The student will continue to acquire a solid foundation in algebra and explore more advanced topics. Emphasis is placed on the study of upper-level algebraic concepts, analysis of functions and their graphs, problem solving and applications, logarithms, exponentials, and all phases of trigonometry. Trigonometric topics include radian measure, trigonometric functions and their graphs, trigonometric identities and equations, inverse trigonometric functions, and solutions of triangles. Students will also be introduced to the concept of a limit.

PREREQUISITE: Algebra 2; Department Chairperson Approval

542 - PRE-CALCULUS - Full Year

This college prep course is designed to help students make the transition from intermediate algebra into college level mathematics. The student will continue to acquire a solid foundation in algebra and explore more advanced topics. Emphasis is placed on the study of upper-level algebraic concepts, functions and their graphs, conic sections, logarithms, exponentials, and right triangle trigonometry.

PREREQUISITE: Algebra 2

547- HONORS CALCULUS - Full Year

This course is designed to strengthen a student's understanding of the concepts of functions and limits and to introduce the student to differential and integral Calculus.

PREREQUISITE: Honors Pre-Calculus; Department Chairperson Approval

564 - CALCULUS: ADVANCED PLACEMENT - Full Year

This course is for the superior mathematics student. The work of this course is directed towards the syllabus of the Advanced Placement Program. It includes the concept of a limit, differentiation of algebraic and transcendental functions, differentials, mean value theorem, Rolle's Theorem, integration of standard elementary forms and transcendental functions. Geometric and physical applications include the area under a curve and between curves, volumes of revolution, length of a curve, surfaces of revolution, and velocity.

PREREQUISITE: Honors Pre-Calculus; Department Chairperson Approval

PHYSICAL EDUCATION DEPARTMENT

711 - PHYSICAL EDUCATION I

Three Marking Periods

721 - PHYSICAL EDUCATION II

Three Marking Periods

731 - PHYSICAL EDUCATION III

Three Marking Periods

743 - PHYSICAL EDUCATION IV

Three Marking Periods

The purpose of the Physical Education program at Roselle Catholic High School is the development of habits, knowledge, skills, attitudes, and ideals necessary for the fulfillment of a productive and meaningful life. The Physical Education courses attempt to accomplish the following objectives: to develop physical fitness and to emphasize its value in the efficient performance of everyday activity; to encourage an appreciation of recreational activities that will have value for leisure time; to stress safety and promote a safety conscious attitude, to promote principles of good sportsmanship which build and develop desirable modes of behavior and character; to aid in the psychological development of the student by providing social interaction; to encourage desirable health habits; to promote qualities of leadership; to develop a sense of pride and self respect through physical development and achievement; to aid in the development of a responsible individual; to build confidence through a variety of physical, psychological, and social experiences.

PREREQUISITE: None

712 – HEALTH/SEX EDUCATION – One Marking Period

Each Freshman Physical Education class is given a Health/Sex Education course for one full Marking Period. The course strives to help the students acquire basic understanding of normal body functions and a desire for attaining sound personal health habits.

Sex Education: This comprehensive course includes Anatomy, Physiology, Childbirth, Pregnancy, Parental Responsibilities, Communicable Diseases, and Teenage Pregnancy.

PREREQUISITE: None

722 – DRIVER EDUCATION – One Marking Period

The Driver Education course provides students with the knowledge they will need to make decisions which will enable them to move safely and efficiently with the traffic system. Students are taught to understand principles involved with driving a motor vehicle, to use behavior that minimizes the chance of having an accident, to identify causes of accidents, to understand all the elements of the highway transportation system, to understand basic driving procedures, to understand New Jersey traffic laws, to understand why decision making is important for safe driving, to understand how driving conditions influence the driver's effectiveness, and to understand how using safe driving procedures keeps others safe as well as the driver. The course prepares the students for the New Jersey State High School Driver Examination which is given at the end of the course.

PREREQUISITE: None

732 – DRUG EDUCATION – One Marking Period

This is a one Marking Period course for Juniors and uses Here's Looking at You 2000, a comprehensive drug education curriculum based upon recent research studies identifying characteristics of potential drug issues. The curriculum addresses risk factors such as having drug using friends, living in a chemically dependent family, early first drug use and antisocial behavior, and lack of pro-social skills. The curriculum emphasizes three areas: providing information, developing social skills, and promoting bonds with institutions and pro-social skills. Although Here's Looking at You 2000 will be used as the framework of the course, it will be accompanied with current events and various speakers.

PREREQUISITE: None

742 - CPR/AED/FIRST AID – One Marking Period

This is a one Marking Period course for Seniors. The course is designed to teach students how to manage illness and injuries in the critical first minutes of an emergency until professional help arrives. Students will learn information about the American Heart Association Chain of Survival and recognizing the signs and symptoms of cardiac arrest, a heart attack, stroke, and choking in adults. The Heartsaver CPR/AED portion will teach adult, child, and infant CPR, and how to use an AED, or Automated External Defibrillation device. Students will also learn the necessary steps needed in order to aid in removing a foreign body from obstructing an airway. Upon completion of the course students will receive CPR/AED American Heart Association certification. The First Aid portion of the course will teach students what to do in emergencies involving open wounds, burns, muscle and bone injuries, poisoning, snake bites and other animal bites.

PREREQUISITE: Department Chairperson Approval

744- SPORTS IN SOCIETY - Full Year

Events in the wide world of sports can have a meaning far beyond the score of a particular game. This course will examine the nature of various sports and their role in American society from historical and contemporary perspectives. In a variety of ways, including through books, film and anticipated guest speakers, the students will study many of the major issues and controversies surrounding the impact of sports on society. This class will also examine the rapidly expanding list of sports-related career.

PREREQUISITE: None

RELIGIOUS EDUCATION DEPARTMENT

111- RELIGIOUS EDUCATION I – Full Year

Jesus Christ: God's Revelation to the World

This course provides an introduction to the Sacred Scriptures and to the unfolding of salvation history, with a particular focus on Jesus Christ as the fulfillment of salvation history. Revelation, both Divine and natural, is explored, as are inspiration, interpretation, and critical explanation. The course guides the students in coming to know the people of salvation history, including the early leaders of Israel- the judges, kings, and the prophets- and the history of salvation as revealed in the life and teachings of Jesus Christ. The students also learn about the role of the Scriptures in the life of faith for the individual as well as for the Church.

PREREQUISITE: none

121- RELIGIOUS EDUCATION II – Full Year

First Semester - Jesus Christ – Source of Our Salvation.

This text covers the Judeo-Christian Tradition and the establishment of the Messianic Promise through Hebrew Scripture, covenant history, and prophesy. The rich allegorical and morality tales

of the early patriarchs are explored to highlight the anticipation of the Christ figure as man's salvation. Jesus, as a fulfillment of the promise, is explored in both His humanity and divinity through the Gospel accounts. This Christology course presents the rich tapestry of Jesus as exhibited through His words, deeds, and charism.

Second Semester - Jesus and the Church – One, Holy, Catholic, and Apostolic

This text covers the genesis and establishment of the early church in the post-Resurrection period. The students explore the conversion of Paul, early missionary work through Acts of the Apostles and the Pauline Letters, persecution and martyrdom. An exploration of the early church councils is covered as well as an in-depth study of the four marks of the church; one, holy, catholic, and apostolic. It concludes with a discussion of how we serve the church today as modern Catholics.

PREREQUISITE: Religious Education I

131- RELIGIOUS EDUCATION III – Full Year

First semester - The Sacraments

This course leads students toward a deeper understanding of the liturgy and of the Sacraments. The course explores the foundational concepts integral to an understanding of liturgy and of the Sacraments: the liturgical year and what we do when we celebrate liturgy. The Sacraments are introduced through an exploration of symbols and rituals and as signs and encounters with Christ in our lives. Throughout the course, the importance of the Sacraments as graced encounters with Christ and our relationship with him is emphasized.

Second Semester - Christian Morality

This course focuses on the essential message of Christ's moral teaching and the importance of love of God and neighbor. The course seeks to provide students with the framework for making moral decisions and to see morality in terms of responsible and loving relationships. Issues discussed include capital punishment, rape and domestic violence.

PREREQUISITE: Religious Education II

141- RELIGIOUS EDUCATION IV– Full Year

The course for Senior year, Discernment: A Journey of the Soul, is a pilgrimage into the hopes and dreams of students as they look backward from where they have come and then forward to where they are going in preparation for adult life. It is a time of discernment when they make the choices to become the persons that they are born to be; to live into the fullness of their being. The Discernment curriculum is as much a ritual that provokes spiritual imagination as a course that provides religious education. The classroom will be, at times, a laboratory of self-discovery, a theater of self-expression, a canvass of self- realization. Most importantly, the classroom will be a sacred space as the students move into an intrinsic understanding of themselves as the beloved. The core energy of this course resides in the power of the story which will be told in different formats including print and visual texts. The texts for this course include *Creating a Christian Lifestyle*, various print and electronic media (film, television, music), and selected hand-out articles. The story will also be told through meditation, art, music, movement, and class projects. However, the most important text is the texture of the lives of the students as they plumb the depths of their souls to discover the stories and the treasures that lie within.

PREREQUISITE: Religious Education III

SCIENCE DEPARTMENT

413- HONORS BIOLOGY– Full Year

The intention of this course is to introduce the student to the general principles and concepts of biology that can be applied to the individual and to the environment. The course will serve as a foundation to further studies in this field. Major areas emphasized include the cell, genetics, evolution, diseases and immunity, and the structure and functions of the major groups of plants

and animals. Labs using the microscope, dissections, and other experiments apply concepts taught in class.

PREREQUISITE: None- Placement is based upon Entrance Exam results.

411- BIOLOGY– Full Year

The intention of this course is to serve as a strong foundation in the study of life. Major areas emphasized are the study of the cell and cell organelles, principle groups of plant and animal life forms, human systems, and ecological relationships. Labs using scientific equipment and principles apply concepts taught in class.

PREREQUISITE: None- Placement is based upon Entrance Exam results

441- ENVIRONMENTAL SCIENCE- Full Year

The Environmental Science course allows the student to take a close and personal look at concepts pertinent to the changing biosphere. This curriculum is designed to actually bring science to life and make it relevant. The students will have opportunity to explore environmental issues through hands-on and minds-on activities. The concepts learned in Biology I will be reinforced and applied in the Environmental Science course.

PREREQUISITE: Biology

423- HONORS CHEMISTRY– Full Year

This course is designed to give the college-bound, science-oriented student a firm foundation in this physical science. Topics include atomic structure, chemical bonding, kinetic molecular theory, solution chemistry, chemical kinetics, and equilibrium. Laboratory work is incorporated into this course.

PREREQUISITE: Honors Biology, Departmental approval

421- CHEMISTRY– Full Year

This course is designed to present the basic laws and principles of chemistry and to train the student to interpret data and solve problems. The development of self-reliance and responsibility in the student as well as an awareness of the role of chemistry in the modern world are goals of the course. Laboratory work is incorporated into the course.

PREREQUISITE: Biology, Departmental approval

431- PHYSICS– Full Year

This course is designed to prepare the college-bound, science-oriented student by presenting the major principles of physics and techniques for problem solving in kinematics and related areas. Laboratory work and demonstrations are incorporated into the course.

PREREQUISITE: Biology, Chemistry, Departmental approval

436- HONORS PHYSICS– Full Year - Full year

This course provides an in-depth presentation of the major principles of physics while undertaking related problems of a more rigorous nature. Laboratory work and demonstrations are incorporated into the course.

PREREQUISITE: Biology, Chemistry, Pre-Calculus, Departmental approval

448- ANATOMY & PHYSIOLOGY- Full Year

The Anatomy & Physiology class is an introductory human anatomy and physiology class. It provides an opportunity for students to build upon the knowledge gained in the basic biology and chemistry courses. This course was designed for those students who are planning to pursue a career in the health field.

PREREQUISITE: Biology, Chemistry, Departmental approval

446- AP BIOLOGY- Full Year (alternate years with AP Chemistry)

The content of this course is structured around four main Ideas of the life sciences.

1. The process of evolution which drives the diversity and unity of life.
2. Biological systems and their utilization of free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.
3. Living systems and the manner, in which they store, retrieve, transmit, and respond to information essential to life processes.
4. Interactions of biological systems, and the complexity of these interactions.

The students will perform at least 8 laboratory investigations in an inquiry based environment which promotes discovery, critical thinking, and intellectual creativity. This component will also provide the opportunity for students to learn techniques related to science research such as recording data and observations, formulating hypotheses, designing experiments, evaluating data, presentation of data, and formulation of conclusions.

PREREQUISITE: Department Chairperson Approval

447- AP CHEMISTRY– Full Year (alternate years with AP Biology)

This course provides an in-depth presentation of the major principles of Chemistry that follows the requirements of the Advanced Placement Chemistry curriculum. Students will be prepared to take the rigorous AP Chemistry exam upon the completion of the course. Laboratory work and demonstrations are incorporated into the course.

PREREQUISITE: Biology, Chemistry, Departmental Approval

455- DYNAMICS OF HEALTHCARE IN SOCIETY- Part I (Health Pro I)- Semester

Dynamics of Healthcare in Society is an orientation to health care and delivery, from an interdisciplinary perspective, with a focus on process skills to include critical thinking, ethical reasoning, effective communication and self-directed learning abilities. The professional competencies stress application to general issues and topics common to all health care providers. Emphasis is placed on the role of the health care practitioner as both provider and consumer of health care services.

PREREQUISITE: Application and Department Approval

456- DYNAMICS OF HEALTHCARE IN SOCIETY- Part II (Health Pro II)- Semester

This is a continuation of Dynamics of Healthcare Part I. Dynamics of Healthcare in Society is an orientation to health care and delivery, from an interdisciplinary perspective, with a focus on process skills to include critical thinking, ethical reasoning, effective communication and self-directed learning abilities. The professional competencies stress application to general issues and topics common to all health care providers. Emphasis is placed on the role of the health care practitioner as both provider and consumer of health care services.

PREREQUISITE: Dynamics in Healthcare Part I and Department Approval

457- MEDICAL TERMINOLOGY (Health Pro III) - Full Year

Medical Terminology is the study of words that pertain to body systems, anatomy, physiology, medical processes and procedures and a variety of diseases. It provides specialized language for the health care team, enabling health care workers to communicate in an accurate, articulate and concise manner. This course is designed to give the students a comprehensive knowledge of word construction, definition and use of terms to all areas of medical science. Students will review concepts through medical case studies, patient simulations and practice labs. Students will review concepts through medical case studies, patient simulations and practice labs.

PREREQUISITE: Health Pro I and II and/or Departmental Approval

458- HEALTH AND WELLNESS (Health Pro IV) - Full Year

This course provides a comprehensive overview of health and wellness. The impact of lifestyle choices on all aspects of personal health are discussed including physical, mental, emotional, social and environmental. The course will explore topics to nutrition, physical fitness, stress management, disease prevention, substance abuse and healthy relationships. Students will review concepts through medical case studies, patient simulations and practice labs.

PREREQUISITE: Health Pro I and II and/or Departmental Approval

SOCIAL STUDIES DEPARTMENT

321- WESTERN CIVILIZATION– Full Year

The Western Civilization course is a prerequisite for American History I and II. The gradual development of Western Civilization through ancient, medieval, and modern times is presented in this course. Emphasis will be placed on the major ideas and contributions of Western European thought on modern American life.

PREREQUISITE: none

323- HONORS WESTERN CIVILIZATION- Full Year

Honors Western Civilization is designed to provide the honors level student with a comprehensive introduction into the significant cultures, nations, ideas, and people instrumental in the development and progression of the world. The course also provides the student with the knowledge necessary for a comparative analysis of cultures and trends in history.

PREREQUISITE: Department Chairperson Approval

352- HONORS UNITED STATES HISTORY I– Full Year

This course covers in depth the political, social, and economic development of the United States from 1600 through 1914. The course will stress major themes such as: colonial America, the American Revolution, the Constitution, Jeffersonian Democracy, Manifest Destiny, the Civil War and Reconstruction. Term papers and extensive use of the library will be involved in this course.

PREREQUISITE: Western Civilization; Department Chairperson Approval

331- UNITED STATES HISTORY I– Full Year

This course is designed for the average student and will cover the History of America from colonial days to the Reconstruction of the South (1600-1914). Developmental reading and written skills will be emphasized.

PREREQUISITE: Western Civilization

354- HONORS UNITED STATES HISTORY II– Full Year

This course uses several books and requires research papers for each marking period. The history of the United States from 1900 to the present is covered. In depth analysis of the major contributions and problems facing the United States will be analyzed.

PREREQUISITE: United States I, Department Chairperson Approval

341- UNITED STATES HISTORY II– Full Year

This course will cover the major movements in American History from 1900 to the present. Some of the main themes will be: the Progressive Era of Reform, World War I, the "Roaring Twenties", the Great Depression, and the "New Deal", the Cold War with the USSR, the "Eisenhower Legacy", Kennedy and Johnson era-the "Great Society", the Ford and Carter Administration, Reagan economics of the 1980's.

PREREQUISITE: United States History I

356- UNITED STATES HISTORY- ADVANCED PLACEMENT– Full Year - *DUAL ENROLLMENT*

This course is designed for the above average student and will cover the period from about 1914 to the present. Emphasis will be placed on research skills, writing of term papers, and an in-depth analysis of major topics in American History. Students taking this course are expected to take the Advanced Placement Test at the end of the school year.

PREREQUISITE: Honors United States History I; Department Chairperson Approval

346- INTRODUCTION TO PSYCHOLOGY– Full Year

In this course students will be introduced to the scientific study of behavior and mental processes in order to gain a better understanding of themselves and others. Topics will include but are not limited to: learning, sleep & dreams, personality, sensation & perception, development, mental illness and therapy.

PREREQUISITE: None

357- HONORS PSYCHOLOGY– Full Year - *DUAL ENROLLMENT*

This course covers the same topics as Introduction to Psychology but in greater depth. A greater understanding of scientific psychology, as well as additional individual research, is expected.

PREREQUISITE: Department Chairperson Approval

358- ADVANCED PLACEMENT PSYCHOLOGY– Full Year – *DUAL ENROLLMENT*

This class is designed for those students who wish to experience a university-course in psychology and prepare for the very rigorous AP exam in May. Students will be introduced to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each major subfield with psychology.

PREREQUISITE: Department Chairperson Approval- Only Senior Honor students may apply

335- INTRODUCTION TO SOCIOLOGY – Full Year

This course provides a broad overview of sociology and how it applies to everyday life. Students will explore the concepts and theories necessary to systematic understanding of our social worlds. Topics include: social groups, agents of socialization, culture, deviance & criminology, social class, gender, the mass media, collective behavior and the family as a social structure.

PREREQUISITE: None

WORLD LANGUAGES DEPARTMENT

611- SPANISH I - Full Year

It is the purpose of this course to help the beginning language student develop his skills in a foreign language. Spanish I emphasizes the foundation skills of speaking, listening, writing, and reading, taught through the application of simple grammatical concepts, and practice in listening and speaking - individually, and in pairs and groups. Upon completion of this course, students will be able to comprehend elementary spoken Spanish, develop and use vocabulary for practical, everyday use, speak with sufficiently correct pronunciation to be understood, read and write simple Spanish paragraphs, and discuss and be sensitive to relevant aspects of Hispanic culture.

PREREQUISITE: Department Chairperson Approval

614- HONORS SPANISH I- Full Year

Same curriculum as Spanish I, but will be more accelerated and challenging in preparation for Honors Spanish II

PREREQUISITE: Department Chairperson Approval

621- SPANISH II- Full Year

It is the purpose of this course to review the content of the first year of Spanish and to expand their language skills in order to communicate and function at a higher level of fluency. Students will learn more complex grammar concepts and apply these concepts in higher-level learning activities. Hispanic culture, history, art, and literature will be explored. Students will begin to

speak in Spanish.

PREREQUISITE: Spanish I

655- HONORS SPANISH II- Full Year

Same curriculum as Spanish II, but more accelerated and challenging in preparation for Honors Spanish III.

PREREQUISITE: Spanish I and Departmental Approval

631- SPANISH III - Full Year

The purpose of this course is to help the advanced language student develop skills in this foreign language. This will be accomplished by the study of the vocabulary, grammar, and syntax of the Spanish language. The students learn how to speak, read, and write the language. An understanding of the cultures and life of Spanish speaking countries will also be presented to the students by the use of a variety of audio visual materials.

Spanish III reviews the subjects and topics from the second year of study and continues to build upon this foundation with new vocabulary, additional tenses, and more complex structures. The Spanish language student must be engaged in all facets of the Spanish language in order to understand the importance of learning the language. It is not only important to learn the grammar and vocabulary of a language, but it is also just as relevant to learn the culture and history of the people who speak the foreign language.

PREREQUISITE: Spanish II & Department Chairperson Approval

636- SPANISH III HONORS- Full Year – DUAL ENROLLMENT

Same curriculum as Spanish III, but will be more accelerated and challenging in preparation for A.P. Spanish. Students are also given the opportunity to take a dual enrollment course through Project Acceleration.

PREREQUISITE: Spanish II & Department Chairperson approval

641- ADVANCED PLACEMENT SPANISH- Full Year- DUAL ENROLLMENT

This course is designed to prepare the students for the intermediate and advanced levels of study in Spanish in college and to prepare for the College Board AP Spanish Language Exam. The Advanced Placement Spanish Language exam is required and is designed for those who wish to demonstrate greater proficiency in communication skills. Grammatical knowledge and vocabulary will be refined and expanded so that students will be able to more easily comprehend written and spoken Spanish, and more easily express their own ideas when writing and speaking. Course work will include a mixture of focused grammatical practice (such as worksheets) and extended practice in composition and discourse (essays and presentations). AP Exam test skills instruction will also be included to support student ability on the exam. Materials that will be used are magazines, newspapers, movies, short films, music, and pod-casts. The course will be taught entirely in Spanish and students are encouraged to use their knowledge of Spanish to speak spontaneously.

PREREQUISITE: Spanish III & Department Chairperson Approval

616- HONORS FRENCH I- Full Year

It is the purpose of this course to help the beginning language student develop his skills in a foreign language. French I emphasizes the foundation skills of speaking, listening, writing, and reading, taught through the application of simple grammatical concepts, and practice in listening and speaking - individually, and in pairs and groups. Upon completion of this course, students will be able to comprehend elementary spoken French, develop and use vocabulary for practical, everyday use, speak with sufficiently correct pronunciation to be understood, read and write simple French paragraphs, and discuss and be sensitive to relevant aspects of French culture.

PREREQUISITE: Department Chairperson Approval

656- HONORS FRENCH II- Full Year

It is the purpose of this course to review the content of the first year of French and to expand their language skills in order to communicate and function at a higher level of fluency. Students will learn more complex grammar concepts and apply these concepts in higher-level learning activities. French culture, history, art, and literature will be explored. Students will begin to speak in French.

PREREQUISITE: French I and Department Chairperson Approval

637- HONORS FRENCH III- Full Year

The purpose of this course is to help the advanced language student develop skills in this foreign language. This will be accomplished by the study of the vocabulary, grammar, and syntax of the Spanish language. The students learn how to speak, read, and write the language. An understanding of the cultures and life of French speaking countries will also be presented to the students by the use of a variety of audio visual materials.

French III reviews the subjects and topics from the second year of study and continues to build upon this foundation with new vocabulary, additional tenses, and more complex structures. The French language student must be engaged in all facets of the French language in order to understand the importance of learning the language. It is not only important to learn the grammar and vocabulary of a language, but it is also just as relevant to learn the culture and history of the people who speak the foreign language.

PREREQUISITE: French II & Department Chairperson Approval

ADDITIONAL COURSES

051-FOCUS ROOM- Full Year

This course is for students with learning disabilities. Students taking this course, in lieu of another course, spend one period per day in the Focus Room learning organizational skills, study skills, etc. They also take tests orally, or untimed, when their classification calls for this. Remediation is given, as well as assistance with whatever difficulties students express to our Focus Room teacher. Our Focus Room is equipped with technology specifically geared to students who have experienced learning problems in the past.

PREREQUISITE: Guidance Department Approval

031- JUNIOR SEMINAR

This one week SAT Prep course is an intensive preparation conducted by Roselle Catholic's professionally trained teachers. Throughout the program, students will take and analyze previously administered SATs released by the College Board in order to become familiar with the format of the test. By assessing their strengths, students gain confidence and insight. Teachers work with students on their weaknesses in computer labs in order to sharpen their test taking skills. At the conclusion of the course, all Juniors take the SAT for the second time at the June administration.