

St. John's Curriculum Manual 2019-2020



“That they may have life more abundantly”

Saint John’s Prep

St. John’s Preparatory School was founded in 1870 by the Vincentian Fathers and has served the Brooklyn Diocese for over a century.

The new St. John’s Prep is a co-educational high school located in Astoria and committed to upholding the traditions and ideals of Catholic education. It is academically affiliated with St. John’s University and is chartered by the New York State Board of Regents to be administered by an independent Board of Trustees.

St. John’s Prep is staffed by dedicated and lay faculty. It offers classes specifically designed to meet individual students’ needs through a challenging and varied curriculum. Courses, programs and activities are designed to help students develop spiritually, academically, emotionally, socially, morally and

physically.

St. John's Prep is unconditionally committed to its long tradition of excellence, and it continues today to achieve its original objective of helping students fulfill their potential.

Saint John's Preparatory School Mission Statement

*St. John's Preparatory School, a college preparatory co-educational high school, is dedicated to promoting academic excellence and to instilling the principles and values of the Catholic Faith in a positive, nurturing environment. Inspired by its Vincentian tradition, St. John's Prep is built upon the profound respect for every individual. Students' character formation is nurtured through a vigorous academic curriculum, an engaging religious program, enriching service experiences and extensive extracurricular opportunities. St. John's Prep prepares students to be successful in meeting the challenges of the 21st century and in creating a world in which all **"have life more abundantly."***

This *Curriculum Manual* contains a complete listing and description of all the courses available to students at

Saint John's Preparatory School

Reading the entire manual is the only way students will learn of the educational opportunities that are available to them. This will also provide them with an overview of the course of study they will be pursuing. Students should remember, however, that each course decision must be made with the advice and approval of their parents, teachers and guidance counselor. It is the responsibility of the students to discuss course choices with these people before registration.

Introduction I

Graduation Requirements

A. General Requirements

In order to graduate from St. John's Prep, students must earn at least 22 units of academic credit. Freshmen and sophomores must carry a full pro- gram. Juniors and Seniors must take at least six course periods of study per semester.

Constants

The following are minimum requirements for all students. Religion and Physical Education must be taken every year.

English	4 Units
Social Studies	4 Units
Mathematics	3 Units
Science	3 Units
Language	2 Units
Music and/or art	1 Unit
Health	1/2 Unit

Electives

Each student must have a complete schedule in order to obtain a St. John's Prep diploma,

therefore students are required to take elective courses in order to complete their program. Students must take enough elective courses to complete the course of study.

B. Senior Requirements

Seniors must have a passing average in all subject areas in senior year.

II Regents Diploma Requirements

In accordance with the New York State requirements all students will graduate from St. John's Prep with a diploma that meets all NY State Regents requirements. Therefore, all students will be required to take and pass each of the necessary regents Exams.

College Extension Program

St. John's Prep offers courses for which college credit is awarded by St. John's University. Students taking these courses have an opportunity to become exposed to what college courses are like and to begin earning college credits before high school graduation. These credits are transferable to many other colleges. Students should check the bulletins of the colleges they are interested in attending for specific details. Most of the courses are also an excellent preparation for the Advanced Placement Tests offered by the College Board. Scoring well on these tests will assure the student college credit from most colleges.

V Baccalaureate Program

St. John's Prep offers a special program through its unique affiliation with St. John's University. Qualified seniors are offered the opportunity to attend classes the University campus. This seven – year leads to both a high school diploma and a baccalaureate degree from the University.

VI Academic Policies

- A.** The passing grade for all courses is 65%. Any student who fails a course must attend summer school and receive a passing grade in that course.
- B.** No student will be readmitted to St. John's Prep in September if he/she has not attended summer school to make up course failures for the previous year.
- C.** No course will be rescheduled because of failure unless a student has first attempted to make up the course in summer school. A course would be rescheduled in such a case only if the Administration, in consultation with the Guidance Department, determined that such a

rescheduling would be beneficial for the student involved and could be accommodated by the school's program.

D. If a student fails three courses, and it is only possible to make up two failures during the summer, the student will be readmitted in September only if he/ she makes up two failures and signs an agreement pledging to make up the third failure during the next summer.

E. Any student who fails four courses during a school year will be asked to withdraw from St. John's Prep.

VII Honors and Awards

Academic Achievement

Student Academic Achievement is recognized at the end of each semester at a formal academic assembly. Honor certificates are presented to students in the following categories:

Principal's List-95 average or above for semester

First Honors-90-94 average for semester

Second Honors- 85-89 average for semester

Art Department

Art education to make students sensitive to their perceived world, more attuned to human feelings and more aware of the physical and emotional environment in which they live. It is the hope of the Art Department that students will experience a desire to create, design, express, exhibit, produce and discover something new and original. The Department's objective is to raise students' cultural standards in order to benefit themselves and society.

Studio Art

(8005)

Soph.

This is a basic course designed to familiarize the students with the fundamental elements and principles of art. Through "hands on" experience various techniques and styles are learned and executed. This course fulfills 1/2 credit toward the N.Y. State requirement for graduation.

(1 Semester 1/2 Credit)

Drawing I

(8025)

Jr. & Sr

Prerequisite: Studio Art and Departmental Approval

This is an elective course designed for serious students who wish to further develop their drawing skills. The course builds on fundamental drawing techniques introduced in Studio Art and develop skills through class work with a variety of materials.

Course Fee (1 Semester 1/2 Credit)

The Sketchbook	(8065)	Jr. & Sr.
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Prerequisite: Studio Art and Departmental Approval

This course builds on techniques introduced in the Studio Art course through work in the student sketchbook. Some of the work will be conducted outside of the classroom, therefore, those who choose to take the course must be serious art students that are able to work in a variety of environments.

Course Fee (1 Semester 1/2 Credit)

Portfolio Prep	(8075)	Jr. & Sr.
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Prerequisite: Studio Art & Departmental Approval

This is an elective course designed to prepare a student's portfolio for admission to an undergraduate Fine Arts program. Freedom within the course structure allows students to develop their own individualized portfolio. Students who choose to take this course must be self-motivated and goal oriented.

Course Fee (1 Semester 1/2 Credit)

Sculpture I	(8035)	Jr. & Sr.
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Prerequisite: Studio Art or samples of student art work and Departmental Approval

This is an elective course that further explores and develops concepts introduced in the sculpture portions of the Studio Art course. Three dimensional thinking and creation is emphasized as students work with a variety of materials to make art.

Course Fee (1 Semester 1/2 Credit)

Painting I	(8085)	Jr. & Sr.
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Prerequisite: Studio Art & Departmental Approval

This course will be an introduction to the methods, materials and history of painting. We will explore a variety of painting techniques through both watercolor and acrylic mediums. The concept and use of color theory, still life painting and individual themes will be explored. Students will also look at significant art historical movements and create works based off those major themes such as impressionism, cubism and aspects of modern and contemporary art.

Course Fee (1 Semester 1/2 Credit)

**Collage &
Mixed
Media**

(8095)

Jr. & Sr.

*Prerequisite: Studio Art & Departmental
Approval*

Collage allows for the reconsidering and recycling of objects, images and ideas to create new and exciting forms of expression. Using simple techniques and easily acquired tools students will work to create projects such self-portrait, landscape and abstract pictures. We will also discuss the art history of collage from folk art to Picasso to modern artists like Joseph Cornell and Romare Bearden.

Course Fee (1 Semester 1/2 Credit)

English Department

The members of the English Department strive to create an environment in which students increase their pleasure, involvement, appreciation, and fluency in reading literature. Students are taught to write clearly and effectively. Two objectives of equal importance underlie instruction in writing. First, students will develop their ability to communicate effectively. Second, students will discover that writing is a powerful tool for thinking and for analyzing the world around them. The curriculum encompasses all aspects of the medium of language: thinking, reading, writing, listening and speaking.

English 9 (0130) Freshman Introduction to Literature and Composition

In this course students are invited to explore the way in which the written word increases their ability to probe and understand the world. They discuss their reactions to selections from a variety of literary genre. Students are introduced to methods of literary analysis so as to increase their pleasure, appreciation and understanding of literature. They explore such themes as the human need for acceptance; people's role society; their search for dignity and their search for happiness.

Students are introduced to the writing process. They learn how to find their own topics; how to generate ideas and gather

information; how to organize; how to decide on mode and how to revise. The study of grammar is integrated with instruction in writing. Students explore sentence structure options; they examine how to use of transitions and choices in diction affect the communication of ideas. They are trained to work in groups and to lead discussions. Library orientation is included in the first semester. Throughout the year students work on projects designed to expand their research skills.

(1 Year 1 Credit)

English 10

(0230)

Sophomore

British Literature and Composition

In this course students continue to develop skills for analyzing and interpreting texts. Readings are taken from British Literature. Students examine the relationship among historical events, philosophy and literature. They are encouraged to discover connections between the literature and their lives.

Students continue to write about their own experience. They are also required to write critical responses to literature. Grammar is integrated with writing.

(1 Year 1 Credit)

English 10-Honors

(0240)

Sophomore

British Literature Honors

In this course students continue to develop skills for analyzing and interpreting texts. They present their findings in small and large group sessions. Readings are taken from British literature. Students examine the relationship between the literature and their lives.

Students continue to write about their own experience and to explore a variety of modes. As the course progresses, the focus of the instruction in writing shifts to expository mode. Students begin to learn how to construct a thesis from their observations and understanding of the literature. They complete short research projects designed to increase their ability to locate, organize and synthesize information.

(1 Year 1 Credit)

English 11

(0330)

Junior

American Literature and Composition

In this course students refine their skills for organizing and interpreting literature. They present their findings in large and small group sessions. Readings are taken from American literature and consist of fiction and non-fiction selections. Students examine the relationship among historical events, philosophy and literature.

The focus in composition is expository writing, particularly the literary essay. Students learn how to construct a thesis drawn

from their observation of the literature. During the second semester they research, evaluate and present information in a formal paper. In addition to examining and applying grammatical elements during the editing process, students review grammar and usage in preparation for the S.A.T. Students are required to take the N.Y. State Regents Exam

(1 Year 1 Credit)

English 11-Honors

(0350)

Junior

American Literature and Composition

In this course students refine their skills of organizing and interpreting literature. They present their findings in large and small group sessions. Readings are taken from American literature and consist of fiction and non-fiction selections. Students examine the relationship among historical events, philosophy and literature.

The focus in composition is expository writing, particularly the literary essay. Students learn how to construct a thesis drawn from their observation of the literature. During the second semester they research, evaluate and present information in a formal paper. The topic of this paper must be related to literature. In addition to examining and applying grammatical elements during the editing process, students review grammar and usage in preparation for the S.A.T. They are required to take the N.Y. State Regents Exam.

(1 Year 1 Credit)

(5 Quality Points)

World Literature and Composition

In this course students refine their skills in analyzing and interpreting literature. Readings are taken from world literature.

Selections include works from African, Asian, European and Middle Eastern writers. Students examine the relationship among historical events, philosophy, art and literature. They encounter such genre as epic poetry, haiku, drama, short stories, novels, historical accounts and philosophy.

Students continue to develop their skill in writing an analysis of the literature. They also have an opportunity to do creative writing pieces. They research, evaluate and present information in a formal literary research paper.

(1 Year 1 Credit)

English 12-H

(0438)

Senior

World Literature and Composition Honors

In this course students refine their skills in analyzing and interpreting literature. Selections are taken from world literature and a variety of genres are encountered. Students will explore the relationship among historical events, philosophy, art and literature. Students examine literary criticism and discover how received opinion can expand the dialogue and thinking about a work.

Students continue to develop their skill in writing an analysis of literature. They also have an opportunity to do creative writing pieces. Students are required to research, evaluate, and present information in a formal literary research paper. Throughout the year students work on projects that utilize the city's museums and libraries.

(1 Year 1 Credit)

(5 Quality Points)

AP English Literature

(0450)

Senior

Prerequisite: Placement Exam and Recommendation of English Teacher

The first semester is devoted to a college-level course in clear and effective writing with emphasis on expository techniques. It includes writing critically about selected readings in literature. Research methods are taught, and a research paper is required.

The second semester consists of a survey course in American literature from colonial times to the present. It is designed to

acquaint students with the major authors of our literature. Its purpose is also to further students' abilities to write critically about literary themes. Two papers are required. Students are required to take the AP Exam.

(1 Year 1 Credit)

(7 Quality Points)

Course Fee is taken for SJU credit (6 SJU Credits, 3 per Semester)

Creative Writing**(0515)****Jr. & Sr.**

The creative writing class is designed to guide students to use personal experience as a vehicle in writing and to show that these experiences can be richer than they suppose. The interaction of ideas and writing techniques is emphasized. Aspects of factual writing, fictional writing and poetry are discussed. Students are required to write daily.

(1 Semester 1/2 Credit)

Dramatic Interpretation**(0525)****Jr. & Sr.**

Dramatic Interpretation is a one-semester course that presents the fundamentals of drama and acting through literacy and historical lens. The course will cover the roots of drama in Ancient Greece, selected works by Shakespeare, and modern American drama. The primary focus will be on script analysis and character depiction. Students will develop skills in memorization, projection, and stage presence, which they will demonstrate through the performance of prepared monologues and scenes.

(1 Semester 1/2 Credit)

Speech

(0575)

Jr. & Sr.

In this course students will engage in analyzing the structure and language of political, business, legal, and social speech. They will study different modes of discourse, both oral and written. Students will learn how to construct and write speeches from a variety of rhetorical modes, including persuasion, process, and extemporaneous. Students will receive insight on training in delivery and presentation. This course will also examine elocution, voice projection, and effective use of body language.

(1 Semester 1/2 Credit)

Journalism

(0555)

Jr. & Sr.

An introduction to the field of journalism including a study and analysis of print, broadcast and online media. Students will examine journalistic ethics and will learn to write objectively while informing the public in various formats including world and community news, entertainment, and sports. They will also learn interviewing techniques and how to present opinions in professional editorials. Students will gain insight into various careers in reporting, editing, broadcasting, layout and design.

(1 Semester 1/2 Credit)



Health and Life Skills

The health and Life Skills Department strive to foster the students in value and dignity of human life at all stages. The primary goal is to improve the quality of life by outlining current knowledge on

health, practical life skills and other related issues, fostering positive attitudes in handling the challenges of life and inculcating supportive behaviors that preserve, enrich and enhance life.

Health

(5705)

Soph., Jr. & Sr.

In this course students explore the multi-faceted nature of the human person— the physical, mental, spiritual, emotional and social dimensions. Factors which contribute to good health are examined.

(1 Semester 1/2 Credit)

Child Development

(7305)

Jr. & Sr.

In this course students study the physical, emotional, social and intellectual development of the child from conception to adolescence. Special problems in raising children are emphasized and solutions are examined. The course is designed to bring child development and parenting concepts alive for each student.

Discussion in class and guest speakers challenge students' ideas on parenting. This course also explores career opportunities in the child-development field.

(1 Semester 1/2 Credit)

This course introduces students to the information that will assist them in becoming self-sufficient and well-informed adults. Students will be challenged to prepare themselves for the world that follows high school. The course focuses on career choice, which includes a research project and job interview strategies, money management, table manners, food preparation, and the development of both character and consumer skills. Special food labs are conducted to enable students to practice their “cooking” and table manners.

Course Fee (1 Semester)

Language Department

The 21st century has made us aware that we must become global citizens. We must communicate in the languages of the world in order to continue our spirit for success into the next century. The Language Department strives to help students develop oral and written communication skills in languages other than English. Students may choose to study French, Italian, or Spanish. Listening, speaking, reading and writing are skills of language, which develop and sharpen with practice and time. The Language Department seeks to encourage proficiency in these four skills. Students are also introduced to the culture, civilization, and literature of the French, Italian or Spanish-speaking world.

French I	(4100)	Fr., Soph., Jr. & Sr.
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This course offers a basic approach to French with extensive practice and drill work in the four skills: listening, reading, and writing. French culture will be studied.

(1 year 1 Credit)

French II (4120)	Fr., Soph., Jr. & Sr.
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Prerequisite: French I and Teacher Recommendation

This course continues to strengthen the four skills of language: listening, speaking, reading and writing. Extensive oral work is stressed in addition to a study of culture, grammar and composition.

(1 Year 1 Credit)

French III**(4140)****Soph., Jr. & Sr.**

Prerequisite: French II and Teacher Recommendation

This course reviews the fundamentals and builds upon them to refine the four language skills. Emphasis is placed on oral proficiency and written- communication skills

(1 Year 1 Credit)

French IV-V**(4150)****Jr. & Sr.**

Prerequisite: 85% in French III and Approval of the Chairperson

This reading, conversation and composition course aims to maintain and increase proficiency in the four language skills. Readings, discussions and conversational practice in French focus on various topics of French civilization, literature and culture.

Italian I**(4200)****Fr., Soph., Jr. & Sr.**

This is a basic course with extensive practice and drill work in the four skills of language: listening, speaking, reading and writing. Italian culture is studied.

(1 Year 1 Credit)

Italian II**(4220)****Fr., Soph., Jr. & Sr.**

Prerequisite: Italian I and Teacher Recommendation

In this course students continue to strengthen the four skills of language: listening, speaking, reading and writing. Extensive oral work is stressed in addition to a study of the Italian culture, grammar and composition.

(1 Year 1 Credit)

Italian III**(4240)****Soph., Jr. & Sr.**

Prerequisite: Italian II and Teacher Recommendation

In this course students review the fundamentals and build upon them to refine the four language skills. Readings, discussions and conversational practice in Italian focus on various topics of Italian civilization, literature and culture.

(1 Year 1 Credit)

Spanish

Spanish I	(4300)	Fr., Soph., Jr. & Sr.
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This is a basic course with extensive practice and drill work in the four skills of language: listening, speaking, reading and writing. Spanish culture is studied.

(1 Year 1 Credit)

Spanish II	(4320)	Fr., Soph., Jr. & Sr.
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Prerequisite: Spanish I and Teacher Recommendation

In this course students continue to strengthen the four skills of language: listening, speaking, reading and writing. Extensive oral work is stressed in addition to a study of Spanish culture, grammar and composition.

(1 Year 1 Credit)

Spanish III	(4340)	Soph., Jr.
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Prerequisite: Spanish II and Teacher Recommendation

In this course students review the fundamentals and build on them to refine the four language skills. Emphasis is placed on oral proficiency and written communication skills.

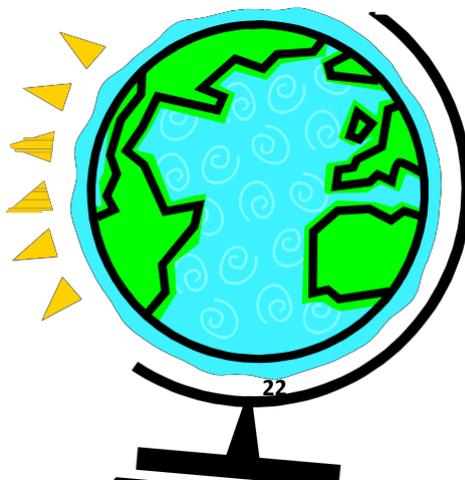
(1 Year 1 Credit)

Prerequisite: 85% in Spanish III and Approval of the Chairperson

This reading, conversation, and composition course aims to maintain and increase proficiency in the four skills of language. Reading, discussions, and conversational practice in Spanish focus on various topics of Hispanic civilization, literature and culture. Students are required to take the AP Exam in May.

(1 Year 1 Credit)

(7 Quality Points)



Mathematics Department

The goal of the Math Department is to develop the full potential of each student to understand and apply mathematical skills and concepts. The curriculum is designed to meet the needs of the students, follow the New York State requirements, and provides a solid college preparatory course of study. Correct student placement, good student-teacher relationships, excellent instructional techniques, and a modern, responsive curriculum are all priority items in the Math Department.

Algebra 1	(3103)	Freshman
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This course provides students with the foundation to study mathematics through an integrated approach which follows the Common Core Standards for Algebra 1. It introduces topics in algebra, data analysis, and probability. Real world applications are used throughout the course. At the conclusion of the year, students will take the Algebra 1 Common Core exam. A graphing calculator is required for this class. SAT preparation is started in freshman year.

(1 Year 1 Credit)

Algebra 1 Honors	(3104)	Freshman
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This course is the honors section of the freshman math program. Students will be given the foundation to study mathematics through an integrated approach which follows the Common Core Standards for Algebra 1. It introduces topics in algebra, data analysis, and probability. Real world applications are used throughout the course. At the conclusion of the year, students will take the Algebra 1 Common Core exam. A

graphing calculator is required for this class. SAT preparation is started in freshman year.

(1 Year 1 Credit)

(5 Quality Points)

Geometry**(3203)****Sophomore**

Prerequisite: Algebra 1 Common Core and Departmental Approval

This course follows Common Core Standards for Geometry. The topics include Euclidean geometry, triangles and proofs, coordinate geometry, transformations, measurement formulas and three-dimensional figures. Topics from Algebra will be integrated into the course. At the conclusion of the year, students will take the Geometry Regents exam. A graphing calculator is required for this class. SAT preparation is continued in sophomore year.

(1Year 1 Credit)

Geometry Honors**(3204)****Sophomore**

Prerequisite: Algebra 1 Common Core and Departmental Approval

This is the honors section of the sophomore math program. This course follows Common Core Standards for Geometry. The topics include Euclidean geometry, triangles and proofs, coordinate geometry, transformations, measurement formulas and three-dimensional figures. Topics from Algebra will be integrated into the course. At the conclusion of the year, students will take the Geometry Regents exam. A graphing

calculator is required for this class. SAT preparation is continued in sophomore year.

(1Year 1 Credit)

(5 Quality Points)

Algebra II

(3303)

Junior

Prerequisite: Geometry Common Core and Departmental Approval

This course follows Common Core Standards for Algebra II. It includes functions, variation and graphs, logarithms, trigonometry, quadratic relations, and probability statistics. At the conclusion of the year, students will take the Algebra II Regents exam. A graphing calculator is required for this class. SAT preparation is continued in junior year.

(1Year 1 Credit)

Algebra II Honors

(3304)

Junior

Prerequisite: Geometry Common Core and Departmental Approval

This is the honors section of the junior math program. This course follows Common Core Standards for Algebra II. It includes functions, variation and graphs, logarithms, trigonometry, quadratic relations, and probability statistics. At the conclusion of the year, students will take the Algebra II Regents exam. A graphing calculator is required for this class. SAT preparation is continued in junior year.

(1Year 1 Credit)

(5 Quality Points)

Pre-Calculus

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Senior

Prerequisite: Algebra II Common Core and Departmental Approval

This course provides a preparation for basic math courses given in college and technical schools. Topics in algebra include factoring, real numbers, complex numbers, theory of equations, linear relations and functions, quadratics, exponential and logarithmic functions, and matrices. Topics in trigonometry include trigonometric functions, graphing and applications of the Law of Sines and Cosines. A graphing calculator is required for this class. SAT review is also provided.

(1Year 1 Credit)

Pre-Calculus**(3435)****Senior**

Prerequisite: Algebra II Common Core and Departmental Approval

This course is intended for students with a strong math background and prepares students to study higher level mathematics in college. Topics covered include functions, linear programming, theory of equations, matrices, trigonometry and its applications, sequences and series, and an introduction to calculus. A graphing calculator is required for this class. This course is also offered for college credit through the College Advantage program. A separate fee is required for college credit. SAT review is also provided.

(1Year 1 Credit)

(5 Quality Points)

AP Calculus	(3440)	Senior
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Prerequisite: Algebra II Common Core and Departmental Approval

This class is structured as a college course. Topics include analytic geometry, limits, continuity, differentiation and integrations of functions, definite integrals and applications in business and science. A graphing calculator will be used. This course is offered for college credit through the College Advantage program. A separate fee is required for college credit. College credit may also be granted by taking the Advanced Placement Exam. A separate fee is required for the AP Exam. A graphing calculator is required for this course. SAT review is also provided.

(1Year 1 Credit)

(7 Quality Points)

AP Statistics	(3450)	Junior & Senior
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Prerequisite: Algebra II Common Core and Departmental Approval

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Describing Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. College credit may be granted by taking the Advanced Placement Exam. A separate fee is required for the AP Exam. A graphing calculator is required for this course. SAT review is also provided.

(1Year 1 Credit)

AP Computer Science Principles () Junior & Senior

Prerequisite: Departmental Approval

This course is based on the College Board’s curriculum framework for introductory computer science. The curriculum includes the Internet, Big Data, Privacy, Programming, and Algorithms. In addition to developing socially useful mobile apps for Android devices using MIT’s App Inventor programming language, students create digital artifacts such as videos and mobile apps that have practical, real world uses. The course is project-based and emphasizes writing, communication, collaboration and creativity. In May, students will take the A.P. Computer Science Principles exam. A separate fee is required for the AP Exam.

(1 Year 1 Credit)

(7 Quality Points)

Music Department

Music is an integral part of life. It is the goal of the Music Department to teach students the basic elements of music. By doing so, the department hopes to instill in students a respect for all types of music.

Introduction to Music

(8505)

Freshman

Students are given a basic understanding of the rudiments of music and an increased awareness of music in general. This is achieved through studying, listening to and performing a wide variety of music ranging from Bach to rock.

(1 Semester 1/2 Credit)

Visual & Performing Arts

(8575)

Prerequisite: Departmental Approval

This course is intended as a program that incorporates the basic content for music, theater, and digital visual arts and defines the five strands of an arts program: artistic perception, creative expression; historical and cultural context; aesthetic valuing; and connections, relationships, and applications. Students need to audition for this class. A hands-on experience in the following areas: **Musical Theatre** : it exposes students to the combination of acting and singing along with learning the basics of technical theatre and stagehand work. **Fashion & Costume Design**: teaches the basics of sewing, fashion illustration and costumes making. It leads the students to the preparation of a fashion show. **Multimedia Art**: it teaches the basics of Adobe Photoshop,

illustrator, animation, gaming design and projection mapping.
Film & Video : it teaches the basics of video editing and screenwriting
Sound Engineering & Music Production: it teaches how to record and edit music. Students would learn by doing.



Physical Education

Physical Education strives for the total development of the individual student. Activity-centered learning situations and conditions are provided that will help students become healthy, active and responsible members of society. As students are encouraged to grow in skill and practice leadership, sportsmanship and fellowship, they will be challenged to develop as competent, emotionally-sound individuals.

Boys' Division

Boys' P.E. 9-10

(5500)

Fr. & Soph.

This course starts with an introduction to calisthenics and body movement exploration. Team sports are introduced and basic skills are taught, followed by skill testing, team strategy and rules. Written tests are given, and physical fitness tests are administered twice a year. National norms are used for testing and grading. Individual, dual and team sports are stressed for students who can use these activities in later life.

(1 Year 1/4 Credit)

Boys' P.E. 11-12

(5550)

Jr. & Sr.

Emphasis is placed on advanced skills and performance in team sports. Track and field activities are presented on a group or individual basis to develop the cardiovascular system. Approved physical fitness tests are used to motivate and evaluate students. At this level Physical Education emphasizes skill for life-time sports

Experiences with a wide variety of activities are stressed, and students are encouraged to develop an understanding of body limitations and capabilities. Opportunities for self-testing activities are provided so students can see personal progress. Students participate in various activities which involve the development of the muscles of the arms and legs. Opportunities are given students to serve as officials and as helpers for teaching skills and games. Finally, students are taught the value of teamwork and cooperation.

Girls' Division

Girls' P.E. 9-10	(5600)	Fr. & Soph.
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This course includes participation in physical fitness through body mechanics and conditioning. Lead-up games, as well as the basic fundamentals of track and field, volleyball, flag football, soccer, and lacrosse are introduced. Students are also introduced the basic skills and knowledge needed in yoga and square dancing. All students are required to take a physical fitness test which assesses their fitness level and is used to provide an individualized exercise program.

(1 Year 1/4 Credit)

This course involves participation in team and individual sports with an emphasis on lifetime activities. The team sports include floor hockey, softball, lacrosse, team handball and ultimate Frisbee. The individual sports include gymnastics, self-defense, aerobics, fitness and weight training. Students are given the opportunity to express themselves through physical activity by preparing their own gymnastic routines and aerobic dances.

(1 Year 1/4 Credit)



Religious Education Department

The Religious Education Department challenges students to rethink their beliefs, reflect on their experiences and become committed to a Christian way of living. The goals of the Religious Education Department are as follows:

1. to foster worship and an active sacramental life
2. to provide students with knowledge of the content of the Catholic faith as it has emerged throughout the centuries
3. to assist students in making mature, moral judgments, i.e. a comprehensive conscience formation program
4. to encourage students to seek a professional relationship with Christ;
5. to enable students to achieve an appreciation of self and of self in community.

The chaplain and the associate spiritual directors are available to help students to develop their faith. Retreat days, the Christian Awakening Program, prayer groups, school liturgies and individual counseling are available to help students to foster their spiritual growth. Students are supported as they focus on their personal spiritual journey.

Religion 9**(5100)****Freshman**

This course explores the Biblical and historical background of the Christian faith.

The fall semester is an intensive study of the Old Testament. It emphasizes close examination of salvation history and includes theme such as God’s covenant with the people, God’s goodness and creativity and God’s undying love and faithful- ness.

The spring semester is an in-depth study of the New Testament with emphasis on the life and meaning of the person of Jesus. Students focus on their encounter with Jesus as the living Son of God.

Textbook Fee (1 Year 1/2 Credit)

Religion 10**(5200)****Sophomore**

The theme of this course is relationships. Students are invited to examine their relationships to self, God and others.

Using insights provided by faith, Christian tradition and modern psychology, students probe the questions “Who am I as a developing human person?” and “Who am I as a Christian?” Students examine these questions in the light of their dignity and value as persons loved by God.

Students are introduced to the skills that enable them to develop and maintain relationships with others. They examine the significance of Christian values in these relationships and explore the formation and nature of relationships between family members, friends and members of the opposite sex.

Students study the ways in which the liturgical celebrations of the Church influence their relationship to God and the Christian community. They examine the history and traditions of Church worship and the sacramental rituals that are part of the Christian identity. It is the purpose of this part of the course to help students to integrate all aspects of their relationships within the context of the Christian community and the world in which they live.

Textbook Fee (1 Year 1/2 Credit)

Religion 11

(5300)

Junior

The first semester of this course begins with the study of Christian morality. Through an examination of moral principles and an emphasis on the development of an informed Christian conscience, students are encouraged to develop attitudes about life, themselves and others that are based on the Christian vision of the human person and the meaning of life. Contemporary moral issues are presented and discussed in light of Catholic teachings. Students examine both traditional dogmatic teachings and current theological scholarship.

In the second semester students examine the social responsibilities of committed Christians in the world today. Issues relevant to society as a whole and articulated in the pastoral documents of the Church are studied. Such issues include: war and peace, poverty, nuclear arms, human rights and dignity of all. The prevalent problems of hunger, AIDS, the homeless, racial discrimination, sexual abuse and drug abuse are addressed in light of conscience and Catholic teaching.

Textbook Fee (1 Year 1/2 Credit)

A Catholic Perspective On Lifestyle Choices

The purpose of this course is to support students in meeting the challenges encountered by Christians living in a pluralistic society. They will examine the meaning of a Christ-centered morality. Students will learn to appreciate the role of Christians in today's society; as persons who act to transform not only themselves but also the world.

One aspect of this transformation involves developing mature relationships, especially in marriage. Therefore, a major strand of this course emphasis the preservation of marriage as a sacred bond, parenting as a sacred responsibility and family life as a community truly expressive of God's love on earth.

Students will also be presented with choices of other vocations including the religious life and the single state. It is the purpose of Religion 12 to give students insight into lifestyles that enable them to live as responsible, committed adults and models of mature Christians.

Textbook Fee (1 Year 1/2 Credit)

Science Department

It is the goal of the Science Department to stimulate in students a greater appreciation of the Natural and Technological world. Critical and analytical methods of thought are emphasized through the development of keen observational skills and orderly problem solving techniques. We plan to prepare our students for their future where knowledge of, and about Science & Technology, will be as necessary as reading, writing and mathematics.

Living Environment 9-3

(2030)

Freshman

This course is an introduction to Quantitative Science. Students learn the methodology of Science, techniques in laboratory and analysis of data. Emphasis is placed on improving the reading and logic skills necessary for Science. Students learn about Ecology, Cytology and Taxonomy during this year. Science study skills are incorporated into the curriculum. Students are required to take the NY State Regents Exam and the end of the year.

Course Fee (1 Year 1 Credit)

This course is an introduction to Quantitative Science. Students learn the methodology of Science, techniques in laboratory and analysis of data. Emphasis is placed on improving the reading and logic skills necessary for Science. Students learn about Ecology, Cytology and Taxonomy during this year. Science study skills are incorporated into the curriculum. Students are required to take the NY State Regents Exam and the end of the year.

Course Fee (1 Year 1 Credit)

Earth Science**(2221)****Sophomore**

This course involves the study of all phases of the earth's environment, including astronomy, meteorology, oceanography and physical and historical geology. Laboratory exercises expand upon and illustrate the principles covered in lecture. Students are evaluated on written lab work, homework and unit tests.

Course Fee (1 Year 1 Credit)

Earth Science Honors**(2311)****Sophomore**

This course involves the study of all phases of the earth's environment, including astronomy, meteorology, oceanography and physical and historical geology. Laboratory exercises expand upon and illustrate the principles covered in lecture. Students are evaluated on written lab work, homework and unit tests. All students are required to take the NY State Regents Exam at the end of the course.

Course Fee (1 Year 1 Credit)

Honors Chemistry**(2350)****Sophomore**

Prerequisite: Honors Living Environment and/or recommendation of present science teacher.

This course covers the topics included in the Regents Chemistry syllabus. Laboratory work is in integral part of this course. Students are required to take the NY State Regents Exam in Chemistry.

Course Fee (1 Year 1 Credit)

Regents Chemistry**(2340)****Junior**

Prerequisite: 80% Average in Regents Earth Science

This course is for science-oriented students. They study the unifying principles of chemistry, which are basic to an understanding of the environment. Topics include matter and energy, atomic structure, bonding, the periodic table, the mathematics of chemistry, kinetics and equilibrium, acid-base theories, redox and electrochemistry, organic chemistry and the application of principles of reactions. A mathematical approach is used to present these topics. Laboratory work, in which the students are encouraged to search for relationships, is integral to the course. Students are required to take a Regents exam at the end of the course.

Course Fee (1 Year 1 Credit)

Physics**(2420)****Jr. & Sr.**

Prerequisite: 80% Average in Chemistry and Living Environment

This course is recommended for students who have completed Biology and Chemistry and who would benefit from an introductory course in Physics. Students will study mechanics, waves, electricity, heat, sound and nuclear physics.

(1 Year 1 Credit)

2 Quality Pts.

Human Anatomy and Physiology (2430)**Senior**

Prerequisite: Regents Earth Science and Regents or General Chemistry

This course is designed to introduce motivated students to the workings of the human organism. Topics include the study of the body as a whole and an in depth look at each of its systems. Abnormalities, diseases, current medical research and problems also are discussed. This course is helpful for anyone planning to enter a health or medically related field. Laboratory work includes the dissection of a mammal.

Course Fee (1 Year 1 Credit)

3 Quality Pts

Regents Physics**(2440)****Jr. & Sr.**

Prerequisite: 80% Average in Regents Chemistry and 80% Average in Math

This course is intended for serious science students. Topics covered include vectors, force, work, motion, gravity, heat, electricity, optics, sound and nuclear physics. Problem solving and lab techniques will be stressed. This course is important for those intending to major in science, math, medicine or engineering. Students will be required to take the NYS Regents Exam at the end of the semester.

(1 Year 1 Credit)

AP Biology**(2450)****Senior**

Prerequisite: Recommendation of Present Science Teacher

This is a college-level course for students interested in studying biological principles and their relationship to living matter. The curriculum includes the study of modern genetics, biochemistry, immunology and human physiology. Students will be prepared to take the A.P. Exam in Biology at the completion of the course. Students may earn up to 8 College credits by taking the AP exam in May.

(1 Year 1 Credit)

Forensic Science**(2315)****Jr & Sr**

Prerequisite: 75% average in all science classes

This is a semester introductory course on how science is used in investigating crime. Selected topics include chain of custody, sample collection techniques and preservation, finger printing, DNA testing, blood testing, legal factors affecting evidence, ballistics, the legal system in New York State. Students must be prepared to research a crime and write a detailed report on its solution using forensics.

(1 Semester 1/2 Credit)

Science Lab Aide**(2595)****Senior**

Prerequisite: At Least Three Science Courses and Approval of the Department Chairperson

This course is designed for serious students who wish to gain knowledge of the workings of a science lab. Responsibilities include the preparation and breakdown of experiments as well as the assistance of students in the lab.

(1 Semester 1/4 Credit)

Human Health and Disease**(2317)****Jr & Sr**

This is a semester course that covers the Anatomy and Physiology of the human body and the various diseases. Topics include the characteristics and treatment of such diseases as cancer, AIDS, and cardiovascular disorders. Students must be prepared to do independent research.

(1 Semester ½ Credit)

Astronomy is a one-semester elective course designed to introduce students to the fundamentals of astronomy and the wonders of the universe. "The Big Bang" origins of the universe. The course begins with the Big Bang, the current accepted theory of the origin of the universe, followed by a study of each of the planets in our solar system. From the solar system, we venture into a study of the Milky Way galaxy, as well as an overview of other galaxies.

(1 Semester ½ Credit)

Social Studies Department

The Social Studies Department aims to develop in students an understanding and appreciation of the people and their cultural history in Asia, Africa, the Middle East, Europe, Latin America and the United States. Students will develop the ability to collect, analyze, evaluate and communicate information effectively both as individuals and in groups. The Department also aims to help students become more conscious of and to evaluate their own attitudes, beliefs and values. The elective courses, which may be taken in the junior and senior years, are a formal introduction to the various social science disciplines.

Global History and Geography 9-3 (1130)

Freshman

This is the first year of a two-year program in Global History and Geography that examines the cultural developments in the early civilizations of Europe, Asia, Africa, and the Americas up until the 17th Century. Students will also focus on the important role human and physical geography has on the historical development of each of these regions. They will be expected to develop problem solving and critical thinking skills in their in-depth studies of these ancient civilizations and will incorporate current events, novels, and primary sources in addition to multimedia and computer technology in their studies.

(1 Year 1 Credit)

Pre- Advanced World History 9-H (1130)

Freshman

AP history is a rigorous course that will ask you to work harder and

think more deeply than a traditional high school history class. The benefits beyond the potential of college credit are tremendous. Students will obtain a solid foundation in content as well as skills in researching, note taking, analyzing primary and secondary sources, making inferences, generalizing, drawing conclusions, and presenting knowledge. The students will gain an understanding of the integration of political, economical, philosophical, social, and geographical elements in world history. This two year course is truly a world history course with a balanced approach to the Americas, Europe, Asia, and Africa.

Global History and Geography 10-3 (1230)

Sophomore

The second year of Global History and Geography examines the interaction of the world from the Enlightenment in the 18th Century until the end of the Cold War in the late 20th Century. Students will focus on the following major developments: Enlightenment, Age of Revolution, Industrialism, Nationalism, Imperialism, Totalitarianism, the Cold War and Global Problems affecting our society today. They will be expected to develop problem solving skills in their in-depth studies of these ancient civilizations and will incorporate current events, novels and primary sources in addition to multimedia and computer technologies in their studies. All students in the course are expected to complete several independent projects throughout the year. Students must take the Global History and Geography Regents in June. There is a summer reading assignment that is a requirement of this course.

(1 Year 1 Credit)

Prerequisite: Departmental Approval

This is the second part to the Freshman World History class. Students will take a global view of historical events and processes between different societies.

Students will be expected to learn factual as well as analytical information. Students taking the course are required to take the Advanced Placement Examination. In addition, students must take the Global History Examination in June.

(1 Year 1 Credit)

In this course students will study the development of society in the United States from the 18th Century to the present. The course is divided into six major historical units, the first of which is devoted to the origins and development of the U.S. Constitution and the Bill of Rights. There follows a review of U.S. History from 1787-1865 as it relates to constitutional-legal developments. The remainder of the course is devoted to post-Civil War History; with emphasis placed upon the nature and implications of the shift from an agrarian to an industrial society; expansion of the American nation; and the nature of American culture and values in the industrial era. They will also explore the origins and impact of the Depression era, America's role in WWII and America's place in post-WW II global community. They will be expected to develop problem solving and critical thinking skills in their in-depth studies of American History and will incorporate current events, novels, and primary sources in addition to multimedia and computer technology in their studies.

Students are expected to complete several independent projects. Students will take the US History Regents in June. There is a summer reading assignment that is a requirement of this course.

(1 Year 1 Credit)

AP U.S. History & Government (1340)**Junior**

This course, which relies entirely on college level material is divided into two parts: chronology of American History and Interpretation of American History from the early 18th Century to the post-Cold War Era. It challenges students to employ the historian's skills through their study of primary sources, biographies and current events. The ability to do this critical and vital to performance in class activities. The uses varied techniques and approaches geared to keeping the students an active participant. The activities include mock trials debates, simulations, analysis of film, art, architecture, and a vast array of exercises aimed at stimulation of critical thinking skills. All students enrolled in this course will be required to prepare for and take the US History AP test in May and the Regents in June.

(1 Year 1 Credit)

Introduction to Law**(1585)****Jr. & Sr.**

This course is designed to provide students with a practical understanding of law and the legal system. Students will consider and clarify their attitudes toward the role that law, lawyers, law enforcement officers and the legal system play in our society. Emphasis will be placed on general problems in the

areas of criminal, consumer, family, housing and individual-rights law.

(1 Semester ½ Credit)

Sociology	(1545)	Jr. & Sr.
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In this course students study people and the way they behave in groups, including family, work, friendship, political, and religious groups. The course also examines the means people use to solve the problems of society. Students engage in group work as well as independent study.

(1 Semester ½ Credit)

Psychology	(1535)	Jr. & Sr.
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This course aims to provide the students with a general introduction to the field of psychology. Emphasis is placed on contemporary theorists, human development and the dynamics of human relations. Through class discussions, film, role playing, and experimental group activities, students grasp a deeper understanding and appreciation of human behavior.

(1 Semester ½ Credit)

The New York Story	(1555)	Jr. & Sr.
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This course is a serious study of New York City as the world's creative cultural, and financial capital. It explores New York through several highly structured units with Economics as the primary focus and foundation. The literature, history, architecture, art and music are also examined. It is designed to

give both native New Yorkers and those newer to the city a thorough grounding in the life, history, culture and politics of the city in order to function as economically literate citizens. Readings, films, presentations, guest speakers, walking tours, and museum visits will form the core of the course. Students will be required to do various independent projects linking the economics of New York City to such varied areas as the labor unions and politics, the transportation system, and architecture and infrastructure of the city.

(1 Semester ½ Credit)

All seniors are required to take Government and Economics.

Government 3**(1435)****Senior**

The primary purpose of this course is for students to become informed and involved in government on all levels. Knowledge of how public policy is formed and how individuals can interact with the policy process are keystones of this course. Students will develop the skills necessary for participating in the decision-making process on all levels. This course is issue-oriented with independent research and required outside reading.

(1 Semester ½ Credit)

Economics 3**(1436)****Senior**

This course will provide students with a practical study of the functions and features of the American economic system in order to become informed and concerned citizens. Some of the topics of study include: economic systems, demand, supply, prices, measuring the economy, monetary system, unemployment, inflation, distribution of income, taxation and current economic issues. An independent project is required.

(1 Semester ½ Credits)

AP European History**(1550)****Senior**

*Prerequisite: 85% Average in U.S. History &
Government 3 or 4 or Recommendation
of the Teacher*

The purpose of this college level course is to provide our students with an opportunity to acquire an in depth study of European history from the Middle Ages to the end of the Cold War(1350-1990s) as taught at the introductory level in most colleges and universities. Students will trace important themes in political, economic, diplomatic, intellectual, and cultural history throughout Europe. Each student will be prepared to take the A.P. Examination in May.

There are many advantages to intensive study in Advanced Placement courses using college level materials. Frequent oral presentations, outside readings, and development of historical research skills utilizing texts, primary sources, novels as well

multimedia and computer technology will give the students an opportunity to enhance their understanding and appreciation of the historical process. There is an A.P. examination fee.

(1 Year 1 Credit)

Course Fee if Taken for SJU Credit (6 SJU Credits, 3 per Semester)

AP Psychology

(1450)

Jr & Sr

Prerequisite: Recommendation of the Teacher

This course is equivalent to the Introduction to Psychology course at most colleges. It is designed to prepare students for the College Board Advanced Placement Psychology examination. Topics covered in this class include research methodology and statistics, brain anatomy and function, sensory processes, perceptual abilities, consciousness, learning, development, motivation, emotion, personality theory, testing, abnormal behavior and its treatment, and social psychology. Each student will be prepared to take the A.P. Examination in May.

*Prerequisite: 85% Average in U.S. History & Government 3 or 4 or
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