

William A. Shine
**Great Neck South High School
Registration Booklet**



2018 - 2019

REGISTRATION PROCEDURES



It should be clearly understood that the availability of courses listed in this program booklet is subject to recommendation by the administration of the school district and to final action and authorization by the Board of Education as the Board of Education develops its school budget for the 2018-2019 school year.

"The Great Neck Union Free School District, 345 Lakeville Road, does not discriminate on the basis of sex in the educational programs or activities which it operates, and it is required by Title IX of the Educational Amendments of 1972 not to discriminate in such a manner. This policy of non-discrimination includes the following areas: recruitment and appointment of employees; employment pay and benefits; counseling services for students; access by students to educational programs, course offerings and student activities."

Important Decisions:

Probably no decision you make in high school is more important than the course of study you should follow. Since about half your program consists of "electives" you should be careful in selecting subjects that fit your abilities, interests, and future plans. Even in the case of required subjects, there is some possibility of choice.

At The High School:

Teachers and counselors devote much time in helping you and your family reach sound decisions about courses. At the high school, a special period of time is given over to Program Planning. In addition, your present classroom teachers outline subject offerings in their respective departments. Counselors discuss graduation requirements and registration procedures in group meetings. Personal conferences are scheduled with each student to complete the registration form.

Registration:

Following this period of discussion and deliberation, registration occurs. If you or your parents have questions about the program selected or wish to make changes, a period of several weeks is devoted to further discussion culminating in **final course selection by March 5, 2018.**

You are wise if you take advantage of advice from your classroom teachers and your counselor. Consider the academic load you are planning to undertake, as well as the nature of the specific subjects.

You do yourself a disservice if you make assumptions that are unwarranted--for example, if you believe that certain subjects are required of all colleges or for certain careers, or if you neglect to consider subject selection in a very serious way. **Because of the many opportunities for thorough appraisal both of yourself and of available programs, the subjects you select by June 1, 2018 are expected to remain unchanged, unless there is failure in June.**

GREAT NECK GRADUATION REQUIREMENTS: **Graduating Class of 2019 and Beyond***



SUBJECTS

English	4 credits
Social Studies	4 credits
Mathematics	3 credits
Science	3 credits
Foreign Language	1 credit
Health	1 credit
Art/Drama/Music	1 credit
Physical Education	2 credits
Electives	3 credits

Minimum Total Required

22.0 credits

Regents Examination Requirements for the Class of 2019 and Beyond

Regents Diploma

English	Score 65 or better on Comprehensive English
Math	Score 65 or better on any Mathematics Regents
Science	Score 65 or better on any Science Regents
Social Studies	Score 65 or better on Global History and US History & Gov't. Regents

Advanced Regents Diploma

English	Score 65 or better on Comprehensive English
Math	Score 65 or better on all three Mathematics Regents
Social Studies	Score 65 or better on Global History and U.S. History & Gov't. Regents
Science	Score 65 or better on Physical Science and Life Science Regents
Foreign Language	Score 65 or better on any FLACS Checkpoint B Exam



*Fulfills NYS Requirements. To see NYS Requirements click here:

<http://www.p12.nysed.gov/ciai/gradreq/Documents/CurrentDiplomaRequirements.pdf>

Policies and Guidelines

- A. The minimum student load requirement for grades 9, 10, 11, 12 is 6 units, plus Physical Education. (This requirement may be met by regular class attendance, independent study, remedial assignments, or other approved alternatives.)
- B. Choosing some electives other than the traditional college preparatory subjects can develop a well-balanced program and provide interesting and valuable experiences.

Special Schedule Arrangements

- A. Nassau Tech (BOCES) - Requests for admission to the Nassau Tech programs will be considered at any time with the approval of the counselor.
- B. "Released Time" and "Open-End" Arrangements--Requests for released time from school for any reason will be considered until the first day of school in the high school. Preference will be given to those requests submitted before August 15 of each year. Emergency situations will be considered on an individual basis.

SCHEDULE CHANGE PROCEDURES

We are committed to following a protocol that will provide consistency throughout the school. Any changes in a student's course load will include consultation with a parent and will be subject to availability.

Schedule Change Week: (approximately one week before school commences).

- A. Students will make changes during their scheduled appointments. Appointments can be scheduled as explained below.
- B. All students must be enrolled in at least six credits plus PE each semester. We urge each student to schedule a lunch period each semester.
- C. **Requests for specific teachers will not be considered.**

1. Appointments for schedule changes will be scheduled using the Student/Parent Portal on the Great Neck Public Schools website (www.greatneck.k12.ny.us). Directions for requesting an appointment are provided below. Appointments will be 15 minutes in length. Please arrive 10 minutes early so you are assured of having the full time allotted to you. Appointments will be assigned randomly on the date listed on the parent portal. **In order for this procedure to work, it is essential that scheduled times be honored. Please stay within your allotted time slot. There will be no walk-in appointments on those dates assigned to specific grades.** While we encourage you to come in person on your assigned date and time, if your appointment is scheduled at a time when you are not in town you can call in from wherever you may be in the world at your designated time. Should you miss your appointment you may be able to see a counselor on the days following schedule change days.

There will be a separate date for new students. New ENL students will be scheduled for a placement exam before school begins. Please contact the guidance office for an appointment.

2. Instructions for Requesting a Schedule Change Appointment. During the first or second week of August, a ParentLink message will be sent indicating that schedules are available on the Parent/Student Portal. If after viewing your schedule in the portal, you would like to change your schedule, you will log into the Infinite Campus Portal as the individual student. Parents do not have the ability to request a schedule change appointment through their parent account. After you have submitted your schedule change appointment request in accordance with the directions below, an appointment list will be posted on the South High website, the date of which will be sent to you via a ParentLink message. The list will be posted in numerical order by student number (your name will NOT appear on this list).

- A. Go to the Great Neck Public Schools website and click on "Campus Parent Portal". (If parents are doing this for their child, they must be logged in as each child individually.)
- B. You will need your student number in order to log on. You can find your student number on your schedule, as shown below. This information also appears on your Student ID card and report card. The information will appear with the upcoming school year and data.

18-19	
William A. Shine - Great Neck South H.S. 341 LAKEVILLE ROAD, GREAT NECK, NY 11020 Generate on 07/14/2010 10:51:02 AM Page 1 of 1	Student Schedule For South High, Test Student Grade: 11 Student Number: 990142111 Courses enrolled: 12 Mailing Address: 345 Lakeville Rd., Great Neck, NY 11020

- C. In the box labeled "User Name", enter your student number. **If you have changed your password since last September, it has been reset.** Your Password is a combination of the first initials of your first and last name (in lower case) and your birth date expressed by a 2-digit day, month, and year. For example, if your name is Jane Doe, with a birthday of 1/1/94, you will type in "jd010194". Please follow directions above.
- D. After you have logged in, you will see an Inbox with a "Request Schedule Change Appointment" link.
- E. When you have clicked on this link, a survey page will appear. Select the reason for the schedule change. Click next page for your confirmation.
- F. When you have entered all the required information, click "Complete Survey".
- G. In mid-August, a ParentLink message will advise you to check the South High website to find out your scheduled appointment time on the date assigned to your grade, as well as the name of the counselor with whom you will be meeting.

NOTE: Appointments will be listed by student number in numerical order. Your name will not appear on this list.

3. Dropping a Course: Requests for dropping courses will be considered after final registration in the spring until the first day of school. Once classes start, the guidance counselor will work with the student and process a request to drop a course. Students who did not request a change on program change day may not be able to change their schedules until the start of the second week of school. Year-long courses can be dropped by the 2nd quarter Progress Report, semester-long courses by 1st quarter Progress Report.

4. Adding a Course: An additional course may be requested by the 1st quarter Progress Report for year-long courses and by the third week of classes for semester-long classes. The change will involve discussion with a guidance counselor and, if necessary, the appropriate department chairperson.

5. Changing a Teacher: No change of a teacher will be made simply because of the personal preference of a student or a parent.

6. Changing a Course: A change of course is defined as a request that involves a combination of dropping and adding a course. Such requests will be considered with the approval of the guidance counselor, the teacher and the parent. Changes in the level of a course, ie. from AP to Regents or from Regents to Honors, should be completed by the end of the first quarter.

CUMULATIVE AVERAGE

All courses receiving a final numerical grade, other than Physical Education, will be counted in the cumulative average. This includes all courses from 9th grade (including those courses taken in 8th grade for high school credit) through June of the junior year.

The cumulative average is determined from all credit courses, other than Physical Education, listed through the end of the junior year, except pass/fail courses. There is no weighting for honors courses. Honors courses are identified by an "H". Passing grade for all courses is 65 or "P". Advanced Placement courses are identified by "AP".

The Great Neck Board of Education has adopted a policy of not ranking students by cumulative averages relative to their classmates.

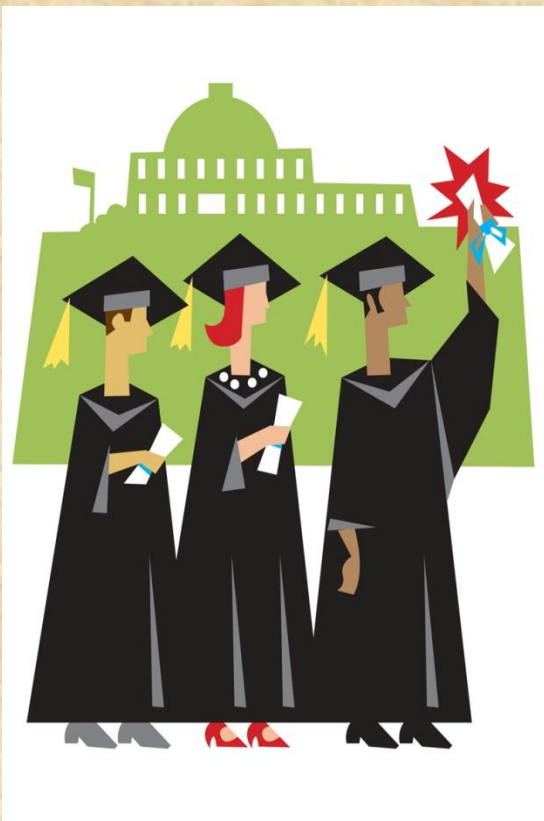
EXCEPTIONS TO REGULAR GRADUATION

In general, high school students are not encouraged to complete the requirements for graduation prior to the end of the normal senior year. For most students, enrichment and variety in program are preferable to acceleration and early graduation. For a very small number of students an alternate study or work experience may be more appropriate than the full senior year. Please see your counselor to discuss alternatives to regular graduation.

EARLY ADMISSION

Students who are interested in attending college during what would be their senior year in high school should discuss this possibility with their guidance counselor.

Students accepted by a college in this early admission program will receive a Great Neck South High School diploma at the satisfactory completion of high school requirements while in college.



REQUIREMENTS FOR COLLEGE ENTRANCE

Specific entrance requirements are determined by each individual college -- they vary considerably. There are some colleges where no particular pattern of high school subjects is required and other colleges where all entrance units are prescribed. As soon as a student becomes interested in a college, s/he should check requirements for that college on their website. Students must accept this responsibility. Catalogs and reference books are available in the Guidance Reference Room and in the Library. Certain colleges want 16 units of high school work in English, social studies, mathematics, science and languages. However, there are many exceptions to this.

Art

721 - Studio Art 1

Student Requests Accepted Yes

This course begins the comprehensive art sequence. Basic principles of composition, color, and two and three-dimensional design will be explored. Students will have the opportunity to work in a broad variety of media. Students will begin to create their portfolio in this class. Discussion of art both past and present will be included. This course can be used towards a State Regents Sequence.

1 unit of credit

No prerequisite

722 - Studio Art 2

Student Requests Accepted No

This course is designed for students who have completed a full year of Studio Art I. An advanced application and utilization of the concepts covered in Studio Art I will be stressed. The emphasis of the course will be individual growth and problem solving. Students will be expected to complete at least four portfolio quality pieces. This course can be used towards a State Regents Sequence.

1 unit of credit

Prerequisite-Studio Art I

724 - Advanced Portfolio Development

Student Requests Accepted No

This course is for seniors or juniors who would like to add a class beyond Advanced Art and who are ready to work on a series of more demanding studio art assignments. Students will work on developing their creativity as well as their personal artistic style. The class will give students the opportunity to focus on techniques they enjoyed in their previous studio classes, such as; printmaking, painting or collage, over an extended period of time.

1 unit of credit

Prerequisite: Advanced Art

726 - Advanced Art

Student Requests Accepted No

This course is concerned with advanced drawing and painting. Creating a well-balanced group of images will be the goal of this class. This course is designed to help students prepare a portfolio of art that might be used for college entrance. Admission to this course is dependent on the successful completion of Studio I and Studio II. This course can be used towards a State Regents Sequence.

1 unit of credit

Prerequisite-Studio Art I & II

729 - Graphic Design (1/2 year)

Student Requests Accepted Yes

Graphic Design teaches ways to design for communication. Students will learn the ways that commercial artists problem solve with words and pictures. Projects will include advertising design, CD cover design and public interest posters. Adobe Photoshop & Illustrator will be taught in this course.

1/2 unit of credit

Prerequisite-Studio I or Digital Darkroom I

Can count for Art or Computer credit, Can be repeated for credit

Art

730 - *AP Studio in Art for Grade 12

Student Requests Accepted [Yes](#)

This course is being offered to advanced art students who have completed the necessary prerequisite and have been recommended by the department. Successful completion of the course requires independent work outside of class as well as arranged time in school to work with the art advisor/instructor. All students must submit a portfolio of 24 successful pieces at the end of the senior year to be evaluated by the College Board.

1 credit

Prerequisite - Studio I & II, Advanced Art, Portfolio review and permission

Seniors only

*Students enrolled in the Studio Art AP course are required to take the Advanced Placement exam in May. Even though the Advanced Placement exam is administered in mid-May, the students will complete an additional AP assignment during the remaining weeks of the semester. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

Student Requests Accepted [Yes](#)

732 - *Art History AP

This class is a survey of painting, sculpture and architecture from the ancient world to the present. Students will begin to understand the meaning of works of art and architecture. They will develop their skills of observation and criticism. Students will learn to connect the visual arts and architecture to its time and place. The course culminates in an AP exam.

1 unit of credit

Prerequisite: 10th, 11th & 12th grade students ONLY

*Students enrolled in the Art History AP course are required to take the Advanced Placement exam in May. Even though the Advanced Placement exam is administered in mid-May, the students will complete an additional AP assignment during the remaining weeks of the semester. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

741 - Ceramics (1/2 year)

Student Requests Accepted [Yes](#)

An introductory course covering a wide range of ceramic pottery and/or ceramic sculpture. Individual development is encouraged and a wide variety of methods will be explored including glazing and other finishing techniques.

1/2 unit of credit

No Prerequisite

Can be repeated for credit

743 - Advanced Ceramics (1/2 year)

Student Requests Accepted [Yes](#)

This course is designed for the student who has completed two semesters of basic ceramics and would like to explore more advanced projects in pottery and sculpture. Emphasis will be placed on self-exploration and creative expression. Students will have the opportunity to work on the potter's wheel.

1/2 unit of credit

Prerequisite - 1 full year Ceramics

765 – Digital Darkroom I – (1/2 year)

Student Requests Accepted [Yes](#)

This course is an introduction to photography through digital imaging and editing. Students will explore photo manipulation using digital cameras and imaging software, such as Photoshop. Students will create photomontages and digital graphics using a variety of resources and learn photo retouching, photo restoring and black and white photo color tinting techniques. General Mac platform topics like printing, scanning and file sharing, as well as basic elements of color theory, design and composition will also be covered.

½ unit of credit

Prerequisite: None

Can count for Art or Computer credit

Can be repeated for credit

Art

766 – Digital Darkroom II – (1/2 year)

Student Requests Accepted Yes

This course is a continuation of digital darkroom and would create a sequence in photography. As students become more confident in the medium, the class will provide students a place to work on more open-ended photography projects such as landscape, portraiture and still life. This course requires weekly shooting assignments that are completed outside of class. Students pursuing a photography or design portfolio for the Advanced Placement program can work on their individual portfolios in class.

½ unit of credit

Prerequisite – Digital Darkroom I

Can count for Art or Computer credit

Can be repeated for credit

Student Requests Accepted Yes

767– Advanced Photography

This course is part of the sequence that can lead to the AP design portfolio. The course builds on the design and photographic principles taught in Digital I and II. Students will explore these subjects in greater depth and begin to work on the “breadth” section of the AP portfolio. This course will also explore the use of photography in the field of graphic design.

Homework assignments will be given as in Digital II

Digital Camera strongly recommended

1/2 unit of credit. Course can be repeated for credit.

Prerequisite: Digital I and Digital II

768 – *AP Photo/AP 2D Design

Student Requests Accepted No

This is a full year course in photography or graphic design for students interested in completing a portfolio of 24 works to be submitted to the College Board. Students will work independently, under the guidance of the instructor, to develop an independent theme for their work. The first half of the course will include assigned projects on a variety of themes and subjects, to address the principles of design and is intended to help students as they plan their independent projects.

Digital camera strongly recommended

Prerequisite: Digital I, II, Graphic Design and Advanced Photography.

Students who have taken the studio sequence can take the AP in Photo/2D design instead of AP Studio. In some cases, students have completed portfolios in photography and studio art.

1 unit of credit

*Students enrolled in the AP Photo/AP 2D Design course are required to take the Advanced Placement exam in May. Even though the Advanced Placement exam is administered in mid-May, the students will complete an additional AP assignment during the remaining weeks of the semester. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

0770 - Personal Filmmaking

Student Requests Accepted Yes

This course explores how the moving image and sound can be combined to create stories, personal narratives and abstract visual effects. This course enhances a student's experience in photography by providing an opportunity to create artwork with moving images. Students will use cameras and iPads as capturing devices and editing software such as iMovie and various film editing apps to create dynamic narratives. The class will be exposed to short films covering a variety of styles such as avante garde to documentary shorts.

1/2 unit of credit

Prerequisite - Digital Darkroom I

BOCES

180001 BARRY TECH AM and 180002 BARRY TECH PM Trade and Technical Program

Student Requests Accepted No

Barry Tech. offers a wide variety of trade and technical programs that you can read about on their website, www.barrytech.org. Students selecting this program can earn FOUR (4) school credits per year. Each student spends 1/2 day (A.M. or P.M.) at a Barry Tech. Center. The remaining 1/2 day is devoted to study in elective or required subjects for graduation. Transportation to and from the Barry Tech. Center is provided by the Great Neck School System.

Participation in the B.O.C.E.S. program does not preclude the opportunity for post high school training or education. Many community colleges have designed their curricula so that those desiring to learn more about their chosen field may do so upon completion of a Barry Tech. (B.O.C.E.S.) program.

Business/Information Services

Office Assistant Skills

Retail Skills

Health Services

Certified Personal Trainer - Exercise, Science & Sports Medicine

Dental Assisting

Health Skills

Medical Assisting

Nurse Assisting

Personal Trainer and Exercise Medicine

Physical Therapy Aide and Rehabilitation Medicine

Engineering Technologies

Auto Collision Technician

Auto Skills

Automotive Technology

Aviation Operations

Carpentry

Computer Technology

Construction Electricity

Construction Trades

Construction Trades Skills

HVAC/Plumbing

Network Cabling Technician/Home Technology Integration (HTI)

Power Sports and Small Engine Repair

Welding

Human and Public Services

Barbering Technician

Childcare Skills

Early Childhood Education

Cosmetology

Culinary Arts

Culinary Arts Skills

Police Science and Criminal Justice

Natural and Agricultural Sciences

Animal Care

Animal Care Skills

Horse Science and Management

Horse Science and Management Skills

Horticulture Technology

Veterinary Science

Arts and Humanities

Animation and Digital Media Design

Animation and Digital Media Design Skills

BOCES

Audio Production

Computer Game Design and Programming

Computer Game Design and Programming Skills

Fashion Design Technology and Merchandising

Video Production and Digital Film Making

Business and Technology

601 - Sports & Entertainment Marketing (1/2 year)

Student Requests Accepted [Yes](#)

A one-semester course that involves all aspects of business marketing through the vehicle of the worlds of sports and entertainment. Students may study theories of product development, advertising, publicity, pricing, promotion, public relations and research. Projects, simulations and class work will enable students to enhance and use their knowledge.

½ unit of credit

Prerequisite: None

602 - Sports & Entertainment Management (1/2 year)

Student Requests Accepted [Yes](#)

A one-semester course that will continue to build on the elements of Sports Marketing. This class will cover sports management from the amateur level on through to professional sports teams. Event planning, player contract negotiations, management strategies and day to day operations will be some of the topic areas discussed. The current state of various sports teams and their impact on the world of business will also play a large part in class discussions and projects.

½ unit of credit

Prerequisite: Sports Marketing

603 - Web Design (1/2 year)

Student Requests Accepted [Yes](#)

A one-semester course to instruct students in the fundamental methods of web page design and the Internet as a research tool. Students will learn how to download, import graphics, create internal and external hyperlinks, and many other web page design techniques. Microsoft Front Page will be used to facilitate instruction.

½ unit of credit

Prerequisite: Knowledge of the keyboard

606 – Intro to Business (1/2 year)

Student Requests Accepted [Yes](#)

Learn the practical side of business. Checking accounts, insurance, consumer law, careers in business and more will be explored. Sociological, economic and technological issues and its affect on careers and personal resources will be studied. Daily life skills as well as decision-making, lifestyle goals and resources will be a part of this hands on course. Learn how to budget using basic banking skills and know your legal and consumer rights.

1/2 unit of credit

Prerequisite: none

609-Fashion Marketing (1/2 year)

Student Requests Accepted [Yes](#)

Fashion is part of our everyday lives. Everyone wears and buys clothes. Styles change from year to year and season to season creating new trends and demand. The fashion industry has an impact on student lives and the American and global economy. This course will introduce students to the marketing strategies used to develop, distribute and showcase today's fashion. This will also help students develop an awareness of career options, aptitudes and future career decisions.

½ unit of credit

Prerequisite: none

Student Requests Accepted [Yes](#)

610 - Fashion Marketing II (1/2 year)

This one-semester course is a continuation of the Fashion Marketing I course. This class will be project-based and students will be able to implement ideas, previous fashion knowledge and design into real-world applications of clothing and visual merchandising. This will be integrated with a global view on fashion and also the various economic issues affecting the fashion industry.

½ unit of credit

Prerequisite: Fashion Marketing I

Business and Technology

615 - College Marketing (1/2 year)

Student Requests Accepted Yes

This rigorous one semester course is designed as a college level course that will increase student knowledge and appreciation of how economic/demographic, social/cultural, practical and legal trends are connected to trade and the marketplace in the business world. The U.S., global and international role of marketing will be considered. Both marketing mix and strategy will be studied.

The course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course.

½ unit of credit

Prerequisite: Grades 10, 11 and 12

617 - Advertising (1/2 year)

Student Requests Accepted Yes

This course is designed for the student who wants to learn about the world of advertising. Students will learn how to develop an advertising campaign covering the development of company logos, slogans, and signage. The class will also cover the proper methods for layout, design and new product introduction. Students will also develop print, radio and television spots to coincide with various projects throughout the class. Students will be encouraged to develop campaigns for programs within the school and local businesses and will work closely with video communications course shooting actual television commercials.

½ unit of credit

Prerequisite: Grades 10, 11 and 12

620 - College Accounting

Student Requests Accepted Yes

Fundamental accounting concepts and principles are covered through an understanding of the following topics: accounting as an information system; analyzing a transaction; the accounting cycle; accounting for both service enterprises and merchandising businesses; deferrals and accruals; reversing entries; systems design; accounting for cash, receivables, temporary investments and inventory; payroll accounting. Students apply concepts to the preparation of special journals, subsidiary ledgers, worksheets and financial statements.

This course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course.

1 unit of credit

Prerequisite: Grades 10, 11 and 12

637 – College Virtual Enterprises

Student Requests Accepted Yes

With an emphasis on college and career readiness, VEI is an in-school, live, global business simulation that offers students a competitive edge through project-based, collaborative learning and the development of 21st century skills in entrepreneurship, global business, problem solving, communication, personal finance and technology.

Students may also be able to obtain a minimum of 6 college credits through Farmingdale State College (SUNY).

<http://www.veinternational.org>

1 unit of credit

Prerequisite: Grades 10, 11, 12

Business and Technology

640 - College Management (1/2 year)

Student Requests Accepted [Yes](#)

A rigorous college level course designed to provide a basic understanding of the essential elements of management. It will introduce the concepts of management functions including planning, organizing, leading and controlling from a historical and contemporary perspective. Practical applications of management theory will be applied with a basic skills approach. Communication, problem solving, teamwork, decision-making, conflict resolution, critical and ethical analysis and reasoning will be introduced. The course will foster the management skills necessary for a successful future in the business and global environment.

The course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course.

½ unit of credit

Prerequisite: 10, 11, 12 grade

642 - College Law (This course may be used to satisfy a five-year Social Studies sequence.)

Student Requests Accepted [Yes](#)

A practical subject providing an understanding of civil and criminal law with an emphasis on civil law. Through an examination of case problems and the legal activity behind daily news stories, students will develop an awareness of everyone's involvement with the law and how it affects daily living. Civil law, criminal law, contracts, bailments, automobile insurance, real and personal property, wills and family law are overviewed.

The course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course.

1 unit of credit

Prerequisite-enrolled in grades 10,11 or 12

655 – Investments (1/2 year)

Student Requests Accepted [Yes](#)

"How to Make Money Work for You" is the theme of this semester course. This course is designed to build practical knowledge of investing and how to use money effectively. The topics covered are the stock market, bonds, mutual funds, real estate and other investments. Prudent involvement with the stock market will be explored and Newsday's Stock Market Contest may be entered. Current periodicals will be used. Guest speakers may be invited.

½ unit of credit

Prerequisite-enrolled in grades 11 and 12

660 - Fire Service Technology (1/2 year)

Student Requests Accepted [Yes](#)

This class is designed to provide an in-depth study in the field of Fire Service Technology to students. Students will be introduced to the history of fire suppression in our country and throughout the world. The role and philosophy of fire departments will also be discussed. Roles at the fire scene will be studied, including incident command, engine, ladder and rescue operations. In conjunction with our architecture classes, we will also be studying types of buildings, codes and OSHA regulations. Fire insurance and the business end of firefighting will be investigated.

½ unit of credit – one semester

No Prerequisite

665 - Video Communications (1/2 year)

Student Requests Accepted [Yes](#)

This class is designed to provide an in-depth study in the field of video production to our students. This class would provide the student interested in video production with a strong foundation. Many filming, editing and digital production techniques will be utilized. Students will be able to film raw footage and go through the complete production process and turn out a polished and finished video piece. The class would be a half year and could be used to satisfy the computer application requirement. It would be open to all grades and could be taken numerous times.

½ unit of credit – one semester

No Prerequisite

Business and Technology

670 -Set Design and Construction (1/2 year)

Student Requests Accepted [Yes](#)

This Set Design and Construction class will focus on the many aspects of designing and constructing sets and scenery for the various school productions. Students will be involved in stage model building, flat construction, and many other facets of the theater. The students will have opportunities during class to actually work on the live stage in all of its many areas. The student may repeat the class for additional credits upon instructor's approval.

½ unit of credit

No Prerequisite

671 - Know Your Car (1/2 year)

Student Requests Accepted [Yes](#)

This course is a must for all students who intend to drive a car. The operation and functions of all mechanical components are covered. Consumer knowledge is stressed. Lab work and lectures cover everything from "buying a car" to doing maintenance and repairs. Auto ownership is not a prerequisite.

1/2 unit of credit

11th and 12th graders only

No Prerequisite

672 - Architectural Drawing (1/2 year)

Student Requests Accepted [Yes](#)

This is a course in architectural drafting and design. Emphasis will be placed on residential planning and construction concepts. Students will be introduced to the materials and techniques used in the construction industry. Students will learn the rudiments of computer assisted design. Students may opt for a second semester of advanced work. This course meets the graphics or C.A.D. portion of the Computer Skills requirement or the art, music, drama requirement.

The course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course and the Advanced Architecture course.

1/2 unit of credit

No Prerequisite

673 - Advanced Architectural Drawing (1/2 year)

Student Requests Accepted [Yes](#)

This class is designed to give additional exposure in the Architectural field of study. For years, our Architectural Drawing Program has given a wide variety of students at all grade levels an introduction to the world of Architecture. This class is for students who want a deeper study in the field. In this class, additional study, more detailed drawing, hand drawing, model making, and landscape design are areas where advanced students can challenge themselves and become more equipped to handle the coursework that they might come across at a higher level of education. This class may be taken for additional credit. This fulfills ½ the Art, Music and Drama requirement or ½ the Computer requirement.

The course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course and the Architecture Drawing course.

½ unit of credit

Prerequisite – Architectural Drawing and Grades 10, 11 and 12

674 - Furniture Design and Construction (1/2 year)

Student Requests Accepted [Yes](#)

This course will allow students who have completed the course in Personal Projects to further their studies in the area of furniture design and construction. It will provide students with a further look into the use of tools, equipment, and design processes when constructing furniture. Students will ultimately design and build their own detailed piece of furniture. This course is available to students on all grade levels and may be repeated for credit.

½ unit of credit

Prerequisite-Personal Projects or permission of instructor

Business and Technology

675 - Individual Projects Lab (1/2 year)

Student Requests Accepted [Yes](#)

This is a "how to" and "hands on" course designed to fit the needs of the individual. It provides a wonderful opportunity to design and construct projects of your choice. It will help you to understand and use tools and equipment used in woodworking and plastics. This course is open to all students, but is designed for the non-technology major who is interested in learning new skills. It may be repeated for additional credit.

1/2 unit of credit

No Prerequisite

683 - PC Repair–A+Certification (1/2 year)

Student Requests Accepted [Yes](#)

Students will learn to diagnose and repair computer hardware and software problems. The course will include computer theory, disk operating systems, diagnostic procedures for PC's and actual lab experiences in computer repair, upgrading, networking, and configuration. This course is appropriate for those who seek entry level career skill development, and for seasoned computer users who wish to elevate their practical competence to higher levels. This course will support a substantial part of the Computer Skills requirement. It is recommended that students take the A+ Certification Exam at the conclusion of the course.

1/2 unit of credit

No Prerequisite

685 - Robotics

Student Requests Accepted [Yes](#)

This class will provide an in-depth study in the field of robotics. Students will focus on many design, model building, troubleshooting, electronic, and physics based concepts. It will provide not only specific building and running of the robot through computer programs, but also gives students firsthand knowledge of how an engineer-based organization is run. This full-year class is open to 11th and 12th grade students, and can be used to satisfy the third year of Science requirement.

This course is run in conjunction with Farmingdale State College (SUNY). Students can earn 3 college credits for the successful completion of this course.

1 unit of credit

11th and 12th grade only

0686- Robotics Advanced

Student Requests Accepted [Yes](#)

This class is available to **students who have completed** the Robotics class and will provide a further in-depth study in the field of Robotics. Students will focus on many design, model building, troubleshooting, electronic, and physics based concepts. It will provide not only specific building and running of the robot through computer programs, but also gives students firsthand knowledge of how an engineer-based organization is run. This full-year class is open to 12th grade students, and can be used to satisfy the third year of Science requirement.

This course is run in conjunction with Farmingdale State College (SUNY). If students have not earned college credit through "Robotics", they can earn 3 college credits for the successful completion of this course.

1 unit of credit

Prerequisite: successful completion of Robotics class

Business and Technology

Student Requests Accepted Yes

690 - Introduction to Engineering (1/2 year)

This one-semester course will introduce students to the basic elements of mechanical, electrical, civil, biomedical, environmental and aerospace engineering. Students will have the ability to develop skills and understanding of course concepts through activities, projects, problem-based learning exercises and other team building activities. Students will get to fully understand the processes that engineers go through when working on any given project.

½ unit of credit

Prerequisite: None

English

112 - English 9R

Student Requests Accepted No

This course is for the majority of freshmen and includes study and activities in composition, literature, language and speech. The emphasis in composition will be on the process of writing, with students having at least one writing experience per week in addition to acquiring note-taking skills. Freshmen will study novels, short stories, poems, plays, and non-fiction. Language study includes vocabulary development and the mechanics of written expression, especially grammar. An introduction to research techniques and the writing of a research paper are additional elements of this course.

1 unit of credit

Prerequisite-English 8

113 - English 9 Honors

Student Requests Accepted No

This course parallels the work of English 9 but progresses at a faster pace and goes into greater depth. It is planned for especially able freshmen who are mature and capable enough to do advanced work and who are eager to meet the challenge of greater demands than those made upon students in the regular English course. Honors students should expect and enjoy challenging assignments in reading, analysis of literature, writing, and speaking. Students should also have strong expository writing skills.

1 unit of credit

Prerequisite- Self-select students must have a 90 average or higher in English 8 and non self-select students must have a 95 average or higher in English 8. Teacher recommendation.

115 - English 9/10 TESL

Student Requests Accepted No

This course is designed for ELL and former LEP students. The course reflects the NYS English Language Arts standards and focuses on developing reading, writing, listening, and speaking skills.

1 unit of credit

122 - English 10R

Student Requests Accepted No

This course is for the majority of sophomores and includes study and activities in composition, literature, language, and speech. Instruction and practice in the process of writing begins with the expository paragraph and progresses to full-length essays; creative writing may parallel the literature studied. Language study includes vocabulary development and the mechanics of written expression, especially grammar. Sophomores will study representative works of fiction, drama, non-fiction, and poetry, with emphasis on critical reading and analysis of literature. Students will also complete a research paper following the guidelines of the [MLA Handbook](#).

1 unit of credit

Prerequisite -English 9R

123 - English 10 Honors

Student Requests Accepted No

This course parallels the work of English 10, but it progresses at a faster pace and goes into greater depth. It is planned for especially able sophomores who are mature and capable enough to do advanced work and who are eager to meet the challenge of greater demands than those made upon students in the regular English course. Honors students should expect and enjoy challenging assignments in reading, analysis of literature, writing, and speaking.

1 unit of credit

Prerequisite-Teacher recommendation

133 - English 11R

Student Requests Accepted No

This course prepares students for the English Regents examination and emphasizes the skills required to meet New York State's learning standards for English Language Arts. English 11 includes study and activities in composition, literature, language, and speech. Focusing on American literature, this course emphasizes representative themes and the historical, literary, and social factors affecting the composition of literary works. Students will study non-fiction, analyze prose, and write in a variety of modes for a variety of purposes. Students will also complete a research paper following the guidelines of the [MLA Handbook](#).

1 unit of credit

Prerequisite -English 10R

English

134 - *Advanced Placement English Language and Composition

Student Requests Accepted No

The Advanced Placement Language and Composition course in English is a college-level course that teaches students to read and understand complex texts and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will write in a variety of forms and on a variety of subjects, but with an emphasis on the argument essay. Writing and reading will make students aware of a writer's purposes and subjects, audience expectations, and the way conventions and resources of language contribute to effective writing. This course prepares students for the 12th grade Advanced Placement course in English and for writing at the college level. Because of the challenging nature of this course, a high level of achievement in English 10 is required. Students will also complete a research paper following the guidelines of the [MLA Handbook](#).

1 unit of credit

Prerequisite-Teacher recommendation

*Students enrolled in the AP Language and Composition course are required to take the Advanced Placement exam in May. This course will also prepare students for the English Regents Exam. Although the Advanced Placement exam is administered in mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

136 - English 11/12 (for ENL students)

Student Requests Accepted No

This course is designed for 11th and 12th grade ENL and former ENL students who would benefit from two years of preparation for the English Regents exam.

1 unit of credit

137 - English Regents (for ENL students)

Student Requests Accepted No

This course prepares 11th and 12th grade ENL and former ENL students for the English Regents.

1 unit of credit

142 - *Advanced Placement English Literature and Composition

Student Requests Accepted No

The Advanced Placement course in Literature and Composition is a college-level course designed for the more able English student who is willing to accept the challenge of advanced work. AP English Literature includes close reading and analysis of selected works of undisputed literary excellence, the development of an intellectual approach to reading and writing, and work in composition that is more advanced than what is usually expected of high school seniors. For this reason, AP Literature students should have exceptionally strong writing skills before beginning the course. Students will also complete a research paper following the guidelines of the [MLA Handbook](#). A high level of achievement in English 11 is required.

1 unit of credit

Prerequisite-Teacher recommendation

*Students enrolled in the AP Literature and Composition course are required to take the Advanced Placement exam in May. Even though the Advanced Placement exam is administered in mid-May, the students will complete additional AP assignments during the remaining weeks of the semester. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

English

150 - *Facing History English (*)

Student Requests Accepted No

Facing History is a unique program for students who want to make a difference in our school, local, and global communities. This course is designed to increase tolerance and multicultural understanding through literature, history, psychology, service learning, and research. It is co-taught by a team of teachers from the English, Social Studies, Library and Internship departments. This program satisfies the English and Social Studies requirements for senior year as well as an elective credit. Second semester includes an off-site service-based internship that provides an opportunity for civic engagement to promote upstander behavior. You can visit the Social Studies or Internship sections of the course catalog for their respective descriptions.

In the English component of this program, we use poetry, fiction, nonfiction, and film to explore philosophical and psychological concepts like human nature and the foundations of human knowledge--especially the knowledge that people use to justify their inhuman behavior. From early literature and mythology that attempts to answer the big questions of the universe for us, to modern works that offer more questions rather than answers, we use art and literature to explore the human condition and consider the big questions that come up whenever our fellow human beings witness, cause, or suffer inhumanity.

1 unit of credit in each discipline and an internship for a total of three (3) credits

Corequisite: Enrollment in Facing History Social Studies, Facing History Leadership & Media Studies and Facing History Internship.

SENIORS ONLY.

*This course meets the English requirement for the NCAA eligibility.

English

0151- Facing History: Research (Leadership & Media Studies) (*)

Student Requests Accepted No

Facing History is a unique program for students who want to make a difference in our school, local, and global communities. This course is designed to increase tolerance and multicultural understanding through literature, history, psychology, service learning, and research. It is co-taught by a team of teachers from the English, Social Studies, Library and Internship departments. This program satisfies the English and Social Studies requirements for senior year as well as an elective credit. Second semester includes an off-site service-based internship that provides an opportunity for civic engagement to promote upstander behavior. You can visit the Social Studies, English, or Internship Sections of the course catalog for their respective descriptions.

Using the core themes and components from the aforementioned courses, the leadership and media component of the program focuses on 21st century learning skills while helping to prepare students for the college experience. Students will individually investigate historical examples of injustice, bigotry and intolerance not necessarily discussed in the other sections. Students will learn responsible use and creation of information sources, while developing academic writing skills, devising individual technology projects, and performing community outreach. The overarching goal is to increase understanding of others while developing student and community leaders.

1 unit of credit in each discipline and an internship for a total of three (3) credits

Corequisite: Enrollment in Facing History Social Studies, Facing History Research and Facing History Internship.

SENIORS ONLY.

01581/01582- Great Themes in Literature (1/2 year)

Student Requests Accepted Yes

Great Themes in Literature is designed for students who enjoy exploring universally relevant ideas, such as evil and revenge, conformity and rebellion, survival and death, love and hate, self-perception and perception of others. The timeless quality of these themes allows for the study of both classical and contemporary authors. This course will also include a research component. This course may be paired with Creative Writing (01581) or with Rhetoric of the Moving Image (01582).

1/2 unit of credit

Prerequisite-English 11

SENIORS ONLY.

01581/01731 - Creative Writing (1/2 year)

Student Requests Accepted Yes

This course is for the student who is passionate about writing. Students will focus on memoir and poetry writing for catharsis and self-discovery. Polished pieces are developed in stages, beginning with raw material in the student's journal. Readings include several forms of creative writing as models for writing done in class. This course may be paired with Great Themes in Literature (01581) or with Modern Drama (01731).

1/2 unit of credit

Prerequisite-Teacher recommendation

SENIORS ONLY.

English

166- *Rhetoric of the Moving Image (1/2 year)

Student Requests Accepted Yes

In this course, students will analyze films from around the world. Through a variety of critical and imaginative assignments, they will learn to interpret films by exploring subtexts and motifs and by conducting written *mise en scene* analyses. Students will contribute to a class blog, an online journal, where they will reflect on the films shown in class. They will also write an MLA-style research paper on a director's canon and style. As a final exam, students will demonstrate what they have learned in the course by collaboratively writing, filming, and editing a short film of their own. This course may be paired with Modern Drama or with Great Themes in Literature.

***This course does not meet the English requirements for the NCAA eligibility.**

½ unit of credit

Prerequisite-English 11

SENIORS ONLY.

01731/01732 - Modern Drama (1/2 year)

Student Requests Accepted Yes

In this course students will identify the features of modern drama by reading such plays as *The Zoo Story*, *One Flew Over the Cuckoo's Nest*, *A Streetcar Named Desire*, and *Lost in Yonkers*. Students will also perform scenes in class and write criticism. This course will also include a research component. This course may be paired with Creative Writing (01731) or with Rhetoric of the Moving Image (01732).

1/2 unit of credit

Prerequisite-English 11

SENIORS ONLY.

0174 Shakespeare (1/2 year)

Student Requests Accepted Yes

You have read *Julius Caesar*, *Romeo and Juliet*, and *Macbeth*. But what about the other 36 plays? This is your last chance before college to read and perform some of Shakespeare's other hits. The students in this course will read the texts closely, participate in group performances, study the sonnets, and recreate the world of Elizabethan and Jacobean Theater. This course will also include a research component. This course is paired with Short Story (01571)

1/2 unit of credit

Prerequisite-English 11

SENIORS ONLY.

180 - Journalism (Alternate day, full year)

Student Requests Accepted Yes

This course is designed primarily for ninth, tenth, and eleventh graders who wish to become more active members of *The Southerner* staff. In this course, students will analyze news, feature, editorial, sports, and entertainment articles and then write articles of their own. They will be introduced to the principles of copyediting and newspaper design and will practice these skills as members of *The Southerner* staff. As the final exam, students will learn to use InDesign software as they create and print their own original newspapers.

1/2 unit of credit

No Prerequisite - Course must be taken in addition to regular English class

0181 Journalism Advanced H (Alternate Day, Full Year)

Student Requests Accepted No

Advanced Journalism is designed for students who have successfully completed Journalism and who are members of *The Southerner* staff. This course will provide students the opportunity to work on editing and layout for each issue during the school day. All students interested in leadership positions on *The Southerner* are encouraged to register for this course.

1/2 unit of credit

Prerequisite: Journalism

Co-requisite: Member of Southerner Staff

English

890 - Advanced Filmmaking (with Mr. Robert Zahn) (1/2 year)

Student Requests Accepted Yes

Advanced Film is a course which will explore the world of DSLR filmmaking! Film editing, scriptwriting, audio mixing, acting, and cinematic techniques will also be explored. Projects worked on in class include music videos, short fictional films, movie trailers, and more! Final Cut Pro and Avid are just some of the exciting software we will be using. Students will have the opportunity to have their films broadcasted on our district channels for our "Great Neck Filmmakers Showcase" program!

Students will also be encouraged to use their filmmaking skills for programs that air on our school cable channels Cablevision TV 75 and Verizon Fios Channel 32, as well as join our GNPS TV Independent Study program. Many students use segments from programs they help to produce as part of their college entrance requirements.

1/2 unit of credit

ENL

1610 ENL 1

Student Requests Accepted No

ENL is for speakers of other languages who are recent arrivals in this country. The four basic communication skills - listening, speaking, reading and writing - are emphasized through a variety of activities. ENL also helps English Language Learners (ELLs) adjust as quickly as possible to the mainstream of the school and to the community. Students are grouped according to ability in English - beginning, intermediate, and advanced.

1 unit of credit-(single period)

Prerequisite-recommended by ENL instructor and GuidanceCounselor

1620 ENL 2

Student Requests Accepted No

ENL is for speakers of other languages who are recent arrivals in this country. The four basic communication skills - listening, speaking, reading and writing - are emphasized through a variety of activities. ENL also helps English Language Learners (ELLs) adjust as quickly as possible to the mainstream of the school and to the community. Students are grouped according to ability in English - beginning, intermediate, and advanced.

1 unit of credit-(single period)

Prerequisite-recommended by ENL instructor and Guidance Counselor

1630 ENL 3

Student Requests Accepted No

ENL is for speakers of other languages who are recent arrivals in this country. The four basic communication skills - listening, speaking, reading and writing - are emphasized through a variety of activities. ENL also helps English Language Learners (ELLs) adjust as quickly as possible to the mainstream of the school and to the community. Students are grouped according to ability in English - beginning, intermediate, and advanced.

1 unit of credit

Prerequisite-recommended byENL instructor and Guidance Counselor

1650 - ENL Seminar

Student Requests Accepted No

This course, designed for ENL students in English 11/12 and English 11R, provides extra reading, writing, listening and speaking practice for students who will be taking the English Regents and/or the U.S. History Regents.

1 unit of credit

Prerequisite-recommended by ENL instructor and Guidance Counselor

Health

1031 - Health 9 -(Required Course)- (1/2 year)

Student Requests Accepted No

This course will offer topics which will be useful for incoming students. It will assist students in making the transition to high school. Course topics include peer pressure, bullying, drug and alcohol issues, nutrition, sexual choices, communication, stress and study skills. There is an emphasis on decision-making and life style choices.

1/2 unit of credit

1033 - Health 11-(Required Course)- (1/2 year)

Student Requests Accepted No

This is the New York State mandated Health Education course that covers the topics of physical, emotional and social health as it relates to students. Individual life-style decisions on smoking, drug abuse, sexual and occupational choices are discussed. Health topics are continually updated.

1/2 unit of credit

1052 - Emergency Medical Techniques- (1/2 year)

Student Requests Accepted Yes

If you would like to develop personal skills to cope with emergency medical problems you will find this course extremely valuable. The course consists of two main units of study. The Basic Cardiac Life Support For Rescuers unit provides a standardization of information and performance in cardiopulmonary resuscitation (C.P.R.) and A.E.D. for cardiac emergency situations. A written test and four performance skills tests are required for your certification as a rescuer. The second unit of study will be the American Red Cross Standard First Aid Course which will enable you to receive A.R.C. certification in first aid techniques. In addition, discussions of critical health issues will be included in this course.

1/2 unit of credit

Prerequisite-enrolled in grade 10,11,12

Internship

800 – Career Internship Program (1/2 year)

Student Requests Accepted No

This program provides an opportunity for seniors and juniors to experience a “career” or field of interest before they leave the high school environment. Volunteering for 50 hours per semester will entitle the student to ½ of an elective credit on their transcript. Students can receive assistance to pick their Internship placement or find one on their own. The Internship Coordinator will approve the placement and supervise the student during the semester.

Primary Requirements:

1. Volunteer 50 hours per semester
2. Provide own transportation
3. Complete a series of assignments over the course of the semester
4. Behave in a professional and appropriate manner

This community based learning experience will allow students to gain exposure to a career, gain hands-on work experience, and have the opportunity to meet professionals in the field. They will also gain exposure to the world of work including developing a resume, arranging and going on interviews, maintaining a commitment to a job placement, and resigning in a professional manner.

This is an outside of school, volunteer program. For more information contact Ms. Kinsey in Room 700A, telephone 441-4862 or email nkinsey@greatneck.k12.ny.us

½ unit of credit

Available to juniors and seniors

Mathematics

300 - Pre-Algebra

Student Requests Accepted [No](#)

This course is designed to give students a solid foundation in the mathematical concepts needed to prepare them for Algebra 1. Students' arithmetic competence is extended to working with algebraic expressions and solving equations.

1 unit of credit

301 - Algebra 1

Student Requests Accepted [No](#)

Algebra 1 is the first year in the NYS "Story of Functions" curriculum. The focus of this course is to deepen and extend understanding of linear, exponential and quadratic expressions, equations, and functions. A descriptive statistics unit is included and there is emphasis on modeling and use of equations to solve real world problems. Regents exam required.

1 unit of credit

Prerequisite: Math 8

0303 - Algebra 1 Lab (No credit)

Student Requests Accepted [No](#)

Prerequisite: Teacher recommendation and Department Head approval

306 - Geometry

Student Requests Accepted [No](#)

Geometry is the second year in the NYS "Story of Functions" curriculum. The focus of this course is deepening explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized early in this course and are utilized to reinforce the ideas of congruence and similarity. Regents exam required.

1 unit of credit

Prerequisite: Completion of Algebra 1; passing grade on Regents exam

308 - Geometry Lab (no credit)

Student Requests Accepted [No](#)

Prerequisite: Teacher recommendation and Department Head approval

310 - Geometry Honors

Student Requests Accepted [No](#)

This course is designed for students whose performance in Algebra 1 has been consistently above average and who possess keen mathematical insight. The content from the NYS Geometry curriculum (see above) will be covered in depth and with enrichment. Regents exam required.

1 unit of credit

Prerequisite: Completion of Algebra 1 with a minimum course grade of 90; minimum grade of 85 on the Algebra 1 regents; teacher and/or Department Head recommendation

0340 - Algebra 2.1 Topics

Student Requests Accepted [No](#)

This is the first half of the third course in the NYS sequence for Mathematics which is required for the Advanced NYS Regents Diploma. This course covers polynomial, rational, logarithmic, exponential and radical functions. Students will work closely with the expressions that define the functions and continue to expand and increase their abilities to model situations.

1 unit of credit

Prerequisite: Completion of Algebra 1 and Geometry; passing grade on both Regents exams.

341 - Algebra 2 Lab (no credit)

Student Requests Accepted [No](#)

Prerequisite: Teacher recommendation and Department Head approval

342 - Algebra 2

Student Requests Accepted [No](#)

Algebra 2 is the third year in the NYS "Story of Functions" curriculum. The focus of this course is to build on previous work with functions and extend the students knowledge of functions to include polynomial, rational, logarithmic, exponential, and radical functions. Students will work closely with the expressions that define the functions and continue to expand and increase their abilities to model situations. Trigonometric functions will be studied along with a unit on probability and statistics. Regents exam required.

1 unit of credit

Prerequisite: Completion of Geometry; passing grade on the Regents exams.

Mathematics

343 - Algebra 2 Honors

Student Requests Accepted No

This course is designed for students whose performance in Algebra 1 and Geometry has been consistently above average and who possess keen mathematical insight. The content from the Algebra 2 curriculum (see above) will be covered in depth and with enrichment. Regents exam required.

1 unit of credit

Prerequisite: Completion of Algebra 1 Honors and Geometry Honors with a minimum course grade of 85; minimum grade of 85 on both the Algebra 1 and Geometry Regents; teacher recommendation and Department Head approval.

344 Pre-Calculus 12 H

Student Requests Accepted No

This course continues the study of mathematics after Algebra 2 Honors and is the fourth year in the NYS curriculum. It will cover the topics in Pre-calculus/Calculus in greater depth, with a theoretical approach, and at a faster pace.

1 unit of credit

Prerequisite: Algebra 2 Honors with a minimum course grade of 85 and a minimum regents grade of 85, teacher recommendation and Department Head approval

345 – Pre-Calculus 12

Student Requests Accepted No

This course continues the study of mathematics after Algebra 2. In the first semester, students will cover: vectors, trigonometry, complex numbers, and matrices. Students will then begin the study of calculus covering topics such as limits, the definition of the derivative, differentiation techniques, applications of differentiation, antidifferentiation, the definition of the integral, and techniques of integration. Throughout the course real-world applications will be emphasized. Students intending to continue study in mathematics or science should choose this course over any other mathematics course open to them.

1 unit of credit

Prerequisite: Algebra 2 with a minimum course grade of 80 and a minimum regents grade of 80.

346 - Trigonometry and Pre-Calculus Topics

Student Requests Accepted No

This course continues with the study of mathematics beyond Algebra 2. Students will study trigonometric functions, matrices, rational functions and other selected topics.

1 unit of credit

347 - Calculus Honors

Student Requests Accepted No

This course will include the study of functions, techniques of graphing, limits, and continuity; the derivative and its applications, especially in the social sciences; techniques and applications of integration. The emphasis of this course will be on real-world uses of the calculus, with less emphasis on theoretical development than in the advanced placement courses.

1 unit of credit

Prerequisite: Pre-Calculus with a course grade of A or B, teacher recommendation and Department Head approval

0350 - Algebra 2.2 and Pre-Calculus Topics

Student Requests Accepted No

This course is for students who completed Algebra 2.1 Topics. Students will study trigonometric functions and a unit on probability and statistics. Regents exam in January is required. Students will study selected pre-calculus topics in the second semester.

1 unit of credit

Prerequisite: Algebra 2.1 Topics

Mathematics

349 - *Statistics Advanced Placement

Student Requests Accepted No

The purpose of Statistics AP 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; planning a study; modeling using probability and simulation; statistical inference for confirming models. In May, members of the class are expected to take the College Board Advanced Placement Test in Statistics.

1 unit of credit

Prerequisite – Algebra 2 Honors or Pre-Calculus with a minimum grade of 85; teacher recommendation and Department Head approval

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

351 - Calculus AB-Advanced Placement*

Student Requests Accepted No

This course provides a detailed study of functions, graphs, limits, derivatives and their applications including slope fields, integrals and their properties and applications, and numerical approximations. In May, the members of the class are expected to take the College Board Advanced Placement test in the Calculus AB level.

1 unit of credit

Prerequisite: Pre-Calculus Honors with a minimum course grade of 85; teacher recommendation and department head approval

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

352 - Calculus BC - Advanced Placement*

Student Requests Accepted No

This course is designed for top level honors students. It includes all of the topics in Calculus AB AP with the addition of: parametric, polar, and vector functions, numerical solution of differential equations using Euler's method, L'Hopital's rule and its use in determining convergence of improper integrals and series, the length of a curve, anti-derivatives by parts and partial fractions, and the study of series. In May, the members of the class are expected to take the College Board Advanced Placement test in Calculus BC AP.

1 unit of credit

Prerequisite: Pre-Calculus Honors with a minimum course grade of 90; teacher recommendation and Department Head approval. It is strongly recommended that students take Physics concurrently or in the previous year.

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

354 - Statistics for College

Student Requests Accepted No

This course will focus on the collection and analysis of data across fields of study. Students will read and critique studies from numerous sources looking at bias, validity of data collection, and inference. Students will be responsible for finding, analyzing and presenting studies from their own life on a regular basis. The course will include many projects and conclude with a capstone project.

1 unit of credit

Prerequisite: Algebra 2 with Department Head approval

Mathematics

390 – Introduction to Programming and JAVA

Student Requests Accepted Yes

Visual Basic programming language will be introduced. Topics covered will be strings, arrays, graphics, loops, procedures, and math functions. The BASIC syntax will be covered; variables, conditional statements, loops, functions, events, and objects followed by a solid introduction to JAVA and object-oriented programming, an illustrated explanation of Java syntax, and practice using library classes and packages for developing applets and applications. Java's Swing package for applets will be used.

1 Unit of Credit

Prerequisite: Algebra 1

394 – Advanced Placement Computer Science*

Student Requests Accepted No

This course is equivalent to a one-year, first level, college course in Computer Science. The Programming language is JAVA. Topics include data structures such as lists, stacks, queues, trees, priority queues and hashing. Also covered is the ETS case study. In May, students are expected to take the College Board Advanced Placement test in Computer Science.

1 unit of credit

Prerequisite: Intro to JAVA

Corequisite: Algebra 2

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

395 - Multivariable Calculus H

Student Requests Accepted No

This class will be open to those students who have completed Calculus BC with a grade of 4 or 5 on the AP Examination. The class continues the advanced mathematics sequence with the study of Multivariable Calculus.

1 unit of credit

Prerequisite: Honors completion of BC Calculus; teacher recommendation and Department Head approval

Performing Arts

905 - Beginning Acoustical Guitar (1/2 year)

Student Requests Accepted [Yes](#)

This half-year course is designed for students with no previous guitar experience. Students will learn many of the different styles, skills and techniques required to become a successful guitarist. Skills to be learned include: correct posture and hand position, note reading, forming chords, scale patterns, fingerings, strumming, finger picking, flat picking and performing in class with the instructor.

½ unit of credit

No Prerequisite

906 - Intermediate Acoustical Guitar (1/2 year)

Student Requests Accepted [Yes](#)

This course is designed for students that have either completed Beginner Acoustic Guitar or already have experience reading music on the Guitar. During this course students will further their knowledge about the instrument through participation in a Guitar Ensemble. Students that enroll in this course will also have the option to participate in our Contemporary Music Club. Skills to be learned include barre chords, fretboard study, major/minor scales (two octave), improvisation, alternate tuning, and ensemble performance.

½ unit of credit

Prerequisite – Beginning Acoustical Guitar (recommended but not required)

Can be repeated for credit

907- An Introduction to Music Technology (1/2 year)

Student Requests Accepted [Yes](#)

Are you interested in composing your own original electronic music? This hands-on music elective teaches students how to create music using 21st century production tools such as Logic and GarageBand. In addition to making music, students will learn how to play piano and read music. All grade and skill levels welcome.

½ unit of credit

No Prerequisite

Can count for Music or Technology Credit

909 - Piano Lab - (1/2 year)

Student Requests Accepted [Yes](#)

This course will introduce basic keyboard skills including chords, scales and playing simple songs. Students will be able to perform in a classroom recital at the end of the semester. All students must be beginners on piano.

1/2 unit of credit

No Prerequisite

910 – Advanced Piano- (1/2 year)

Student Requests Accepted [Yes](#)

This course will provide instruction and opportunities to perform for students who have already had several years of studying piano.

½ unit of credit

No Prerequisite

911 - Music Theory (1/2 year)

Student Requests Accepted [Yes](#)

The theory class will discuss basics of music construction: key signatures, meter, intervals, major/minor scales and triads; musical form and analysis; inversions, 7th Chords, form and analysis, modes, cadences and four part writing. This class will prepare you for Music Theory AP.

1/2 unit of Credit

No Prerequisite

Performing Arts

913 - *Music Theory AP (offered alternating years beginning 2018/2019)

Student Requests Accepted No

The purpose of the AP Music Theory class is to prepare students in the area of music theory, analysis and ear training so they will be prepared for further study at the college level. In order for students to enroll in this course, they should have taken the prerequisite "Music Theory" course which is offered every year, or they need to take a placement exam to determine if they can be admitted to the course.

1 unit of credit

Prerequisite-Music Theory

*Students enrolled in the Music Theory AP course are required to take the Advanced Placement exam in May. Even though the Advanced Placement exam is administered in mid-May, the students will complete an additional AP assignment during the remaining weeks of the semester. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

0921- Mixed Choir

Student Requests Accepted Yes

Enrollment in Mixed Choir is available for all 9th graders who love to sing. Different styles of music will be performed including musical theatre, classical, pop, opera, rock, and jazz. Students in the choir are eligible to audition for A Cappella, Barbershop, South Singers, and Chamber Choir. Choir meets five days a week.

1 unit of credit

No Prerequisite

922 - Concert Choir

Student Requests Accepted No

Enrollment in Concert Choir is available for all 10-12 graders who love to sing. Different styles of music will be performed including musical theatre, classical, pop, opera, rock, and jazz. Students in the choir are eligible to audition for A Cappella, Barbershop, South Singers, and Chamber Choir. Choir meets five days a week.

1 unit of credit

No Prerequisite

932 - Symphonic Band*

Student Requests Accepted No

Enrollment in the Symphonic Band is available to all woodwind, brass and percussion students in grades 9, 10, 11 and 12. All students must be registered into a performance class in order to participate in concerts, trips and to be eligible to participate in NYSBDA Honor Band, All-County, All-State and All-Eastern select ensembles. All members of the Symphonic Band perform at the Winter and Spring Concerts, Winter music assembly, Great Neck Memorial Day Parade, Graduation, and at other in school and outside performances.

1 unit of credit

Prerequisite- registered in band last year or approval of the director by audition.

Grades 9, 10, 11 and 12

*Students in our Band and Orchestra program make up our **Musical and Opera Pit Orchestra**. *This is an after school activity for interested students.* We rehearse two (2) days after school to begin, then increase rehearsals as we get into the month before the performances. These are the original Broadway books and Opera scores. **Students should perform at NYSSMA Level 5/6 in order to participate.**

Performing Arts

935 - String Orchestra* - Strings Only

Student Requests Accepted No

The String Orchestra consists of all 9th grade students plus students in grades 10, 11 and 12. The orchestra performs string repertoire that includes pop, jazz and classical. The string orchestra performs in the Winter and Spring Concerts as well as in the Winter Music Assembly and 8th grade assembly.

1 unit of credit

Grades 9 -12

Prerequisite: Enrollment in a performance group in 8th and/or 9th grade or approval of the Director. An audition may be required.

*Students in our Band and Orchestra program make up our **Musical and Opera Pit Orchestra**. *This is an after school activity for interested students.* We rehearse two (2) days after school to begin, then increase rehearsals as we get into the month before the performances. These are the original Broadway books and Opera scores. **Students should perform at NYSSMA Level 6 in order to participate.**

936 – Chamber Orchestra-Strings (full year) Grades 10-12**

Student Requests Accepted No

Open to "selected" string students in grades 10, 11 and 12 or by audition with the recommendation from their music teacher and approval of the Department Head. This ensemble will rehearse and perform NYSSMA level 6 music from the standard string and symphony orchestral literature that includes overtures, symphonies, concertos, pops orchestra, musicals and jazz. Chamber music groups will be formed for consideration in the Lincoln Center Chamber Music Competition. Students need to be playing on this level to be considered for participation. All students in the class will be required to perform all chamber orchestra concerts and musical performances.

1 unit of credit

Grades 10-12 only. Enrollment is based on selection or by audition. Approval required by Department Chair to register.

**Students are selected for chamber orchestra and wind ensemble by the music director of that ensemble based on the following criteria:

As is the goal each year, we look to balance our two ensembles in both bands (symphonic band and wind ensemble) and orchestras (string orchestra and chamber orchestra) based on instrumentation and need in order to provide outstanding ensembles throughout our instrumental music program.

1. Placement into Chamber Orchestra and Wind Ensemble is open to students in grades 10, 11 and 12 based on the number of graduating seniors, students not returning to the program, or students moving or leaving Great Neck South High School. This will dictate which instrument sections have available seating and the number of available seats in that given instrument section. In a rare occasion a 9th grader may be considered to fill a vacancy based on a specific instrument need for that year.
2. Musical Performance Level should be equal to NYSSMA level or teacher determined 6A+ in strings, 5A + or 6A or higher on woodwind, brass and percussion as evidence through a previous NYSSMA rating sheet or by our music director evaluation.
3. Musicianship: This goes beyond your level or performance on your instrument. This pertains to your engagement in the ensemble with the class, your instrument section/s and the music director. Participation in extracurricular musical activities both in school and outside of school offers additional information regarding your musical interests and experience. Class attendance including absences and lateness will factor in the decision if necessary.

Performing Arts

937 – Wind Ensemble/Chamber Orchestra-Band (full year) Grades 10-12**

Student Requests Accepted No

Open to “selected” woodwind, brass and percussion students from symphonic band in grades 10, 11 or 12 by audition with the recommendation from their music teacher and approval of the Department Head. Students in the wind ensemble/chamber orchestra will rehearse period 2 and perform in both ensembles during the same class period as scheduled by the director. The music literature performed is equal to NYSSMA Level 6. All students in the class will be required to perform in all wind ensemble and chamber orchestra concerts and musical performances.

1 unit of credit

Grades 10-12. Enrollment is based on selection or by audition. Approval required by Department Chair to register.

****Students are selected for chamber orchestra and wind ensemble by the music director of that ensemble based on the following criteria:**

As is the goal each year, we look to balance our two ensembles in both bands (symphonic band and wind ensemble) and orchestras (string orchestra and chamber orchestra) based on instrumentation and need in order to provide outstanding ensembles throughout our instrumental music program.

1. Placement into Chamber Orchestra and Wind Ensemble is open to students in grades 10, 11 and 12 based on the number of graduating seniors, students not returning to the program, or students moving or leaving Great Neck South High School. This will dictate which instrument sections have available seating and the number of available seats in that given instrument section. *In a rare occasion a 9th grader may be considered to fill a vacancy based on a specific instrument need for that year.*
2. Musical Performance Level should be equal to NYSSMA level or teacher determined 6A+ in strings, 5A + or 6A or higher on woodwind, brass and percussion as evidence through a previous NYSSMA rating sheet or by our music director evaluation.
3. Musicianship: This goes beyond your level or performance on your instrument. This pertains to your engagement in the ensemble with the class, your instrument section/s and the music director. Participation in extracurricular musical activities both in school and outside of school offers additional information regarding your musical interests and experience. Class attendance including absences and lateness will factor in the decision if necessary.

939 - Jazz Band

Student Requests Accepted Yes

Meet one evening for 1 1/2 hours from 5:30 p.m.- 7:00 p.m. Enrollment in the Jazz Band is by audition and is open to all registered woodwind, brass, and percussion students enrolled in a music performance class. Students who play piano, electric guitar, and electric bass are encouraged to audition. The members of the Jazz Band will perform at the Winter and Spring Concerts, Martin Luther King Assembly, 8th Grade Assembly, as well as outside performances. Students who have an interest in the art of Jazz and Improvisation are encouraged to enroll. Regular attendance is required to maintain membership.

**Full Year- No credit, but listed on student's Transcript
Grades 9 - 12**

941 - IMPROVISATION- (1/2 year)

Student Requests Accepted Yes

Students will learn acting technique, self-confidence, and self presentation skills through the use of improvisational and theater game activities. These exercises will allow you to develop your imagination, concentration, and understanding of how to relate spontaneously on the stage and become more comfortable in front of a group in other aspects of your life. This is a fun and “up out of your seat” kind of class. *Students may take this course a second time **only** with teacher's approval.

1/2 unit of credit

No Prerequisite

Performing Arts

942 - Public Speaking (1/2 year)

Student Requests Accepted [Yes](#)

Time to overcome your fear! This course is designed to assist you in developing and understanding the skills and principles associated with speaking effectively in public. Not just a course on giving a speech, this class will explore the many genres in which we speak for power: storytelling, academic settings, poetry/drama, interviews, toasts, debate, and formal speeches. Emphasis is placed on encouraging an awareness of the power of rhetoric, the creativity involved in preparing for and using speech, and the manner in which voice, body, and awareness of audience contribute to the success of speaking.

½ unit of credit

No prerequisite

943 - DIRECTING WORKSHOP - (1/2 year course offered alternating years beginning 2018/19)

Student Requests Accepted [Yes](#)

Students in this class will learn how to create living theatre out of the written script by assuming the directors' duties and responsibilities, which include (but are not limited to): analyzing a text, developing a production concept, communicating with a production team, staging and blocking. Students will read a variety of texts and engage in dramatic activities to better understand the fundamental role of a stage director. Directing workshop is recommended for juniors and senior students who have taken one or more other drama classes.

1/2 unit of credit

Prerequisite: Approval of teacher

944 - ACTING WORKSHOP (1/2 year)

Student Requests Accepted [Yes](#)

Acting Workshop I is for the serious acting student and will explore the fundamentals of what it takes to "live believably in fictional circumstances." We will work on physicality, proper breathing and vocal technique for the stage, text analysis, status play, memorization, and playing objectives/actions/obstacles through individual and group exercises, improvised scenes, written text, and Shakespeare speeches. Acting I is not a continuation of the improv class, but welcomes anyone with a serious interest in acting. This course is recommended for freshmen and sophomores, but welcomes upperclassmen as well.

1/2 unit of credit

No Prerequisite

0946 Theatre Production (1/2 year)

Student Requests Accepted [Yes](#)

In this course, students will put on a full theatrical production from beginning to end, which will be presented to district elementary schools. Students will have an opportunity to act in, direct, design and produce a play during the school day. This class is perfect for students with an interest in any aspect of theatre, and welcomes both beginners and advanced students of all grades.

1/2 unit of credit

No Prerequisite

Physical Education

1412 – Physical Education (Alternate Day, Full Year)

Student Requests Accepted No

REQUIRED -Emphasis will be placed on physical fitness, cardiovascular conditioning, sequential instruction and participation in team sports. Individual lifetime activities will be included whenever possible.

1/2 unit of credit

Required-All Grades

1426-Strength and Conditioning

Student Requests Accepted Yes

This course will target the use of the weight room and focus on developing a solid foundation of strength, flexibility, agility, coordination and speed. Individual and whole body muscle adoption will take place in a progressive manner. Cardiovascular conditioning will include running, agility testing, rope skipping and step jumping.

½ unit of credit

Grades 9 – 12

To take this course sign up with Mr. Umstatter, PE Department Head.

1428-Swimming for Fitness

Student Requests Accepted Yes

This course will target the student wanting to increase their cardiovascular conditioning through swimming. Detailed instruction, with progression drills of freestyle; backstroke, breaststroke, butterfly and all elementary strokes will be covered. The student must have the ability to complete one lap of swimming non-stop with beginner form to be accepted into the class.

½ unit of credit

Grades 9 – 12

1430 - Fitness for Life - (Alternate Day/Full Year)

Student Requests Accepted Yes

This course would incorporate step aerobics, interval training, spin class, weight training, yoga, speed walking and stretching and focus on developing fitness type activities for “Life”. This course would fulfill your Physical Education requirement and will be offered to all grade levels, but preference will go to seniority.

½ unit of credit

Grades 9 - 12

To take this course sign up with Mr. Umstatter, PE Department Head.

Science

Student Requests Accepted No

418 - Biology Regents ENL

Student Requests Accepted No

This course is designed for students who are new to this country and who are concurrently enrolled in the ENL program. The course will follow a Biology curriculum. Placement in the class will be offered to students on the basis of their English language skills as assessed by appropriate school personnel. Class daily plus lab alternate days.

1 unit of credit

421- Biology R – The Living Environment

Student Requests Accepted No

A study of plant and animal characteristics, interactions, and physiology is the basis of this course. Emphasis is placed on living organisms and their interrelationships with the environment. Laboratory work is designed to further the spirit of science as inquiry. The Biology Regents examination will be the final exam for this course. Class daily plus lab alternate days.

1 unit of credit

Prerequisite - Regents Earth Science OR Departmental Approval

NOTE: All Regents courses have a mandatory laboratory component that must be satisfactorily completed in order to be admitted to the Regents exam.

423 - Biology Honors

Student Requests Accepted No

An enriched and more quantitatively oriented course emphasizing the molecular, anatomical and ecological aspects of Biology. The course is designed for those students who are going to pursue careers in science, or qualified students who wish an intellectual challenge. All students will be expected to take the Biology Regents examination in June. Class daily plus lab alternate days.

1 unit of credit

Prerequisites - Earth Science R ("> 95 course average and "A" on the Regents exam)and approval of department.

NOTE: The selection and invitation of students to participate in our Honors offerings, begins with teacher recommendation. The department, along with guidance, will review each candidate with regard to appropriate criteria. Students who do not meet the level of expectation in the honors offerings (i.e.: maintaining an "85" exam average) will be reassigned to a Regents-level class.

425 - Biology - Advanced Placement*

Student Requests Accepted No

This course is the equivalent of a first year biology course. Several inquiry-based intricate laboratories enhance and reinforce the major themes that pervade this course throughout the year. The major topics include cytology, reproduction and heredity, evolution, ecology and molecular biology. In May, the students will take the College Board Advanced Placement Test in Biology. Class daily plus lab alternate days.

1 unit of credit

Prerequisite: Biology (">90" Class average) and Chemistry (">90" Class average) AND Departmental Approval

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

0429 - Inquiry Through Chemistry

Student Requests Accepted No

This course will provide students with an overview of general chemistry and scientific inquiry. Students will gain an understanding of atomic concepts, the periodic table, chemical bonding, stoichiometry, the physical and chemical properties of matter, acids, bases and more. This course will involve many hands-on lab activities, experiments, and virtual activities that will further knowledge, understanding of chemistry, and problem-solving techniques. In addition, this course will emphasize a discovery approach in which the student will learn to interpret laboratory observations in the manner of a real world scientist. Students will understand and apply scientific concepts, principles, and theories pertaining to chemistry and recognize the historical development of ideas in science and their real-world connections.

1 unit of credit

Prerequisite - Biology

Science

431 - Chemistry R – The Physical Setting

Student Requests Accepted No

A standard high school course, which emphasizes the relationship of matter and energy in our world and universe. The ideas that have influenced the manner in which science has evolved and how these ideas have influenced the humanistic and technological development of society are also emphasized. Laboratory work in small groups uses a "hands on" approach and serves to illustrate and reinforce basic concepts and relationships. The Chemistry Regents examination will be the final exam for this course. Class daily plus lab alternate days.

1 unit of credit

Prerequisite-Biology* & Math Requirement**

***Biology grade recommended to be >75;**

****Math grade RECOMMENDED to be >"B"**

NOTE: All Regents courses have a mandatory laboratory component that must be satisfactorily completed in order to be admitted to the Regents exam

433 - Chemistry Honors

Student Requests Accepted No

An enriched and more quantitatively oriented course emphasizing the same areas as Regents Chemistry. Mathematical rigor is maintained throughout the course. The course is designed for students who wish to pursue careers in science as well as for those students who wish an intellectual challenge. All students will be expected to take the Chemistry Regents examination in June. Class daily plus lab alternate days.

1 unit of credit

Prerequisite-Biology (">95" Course average and "A" on Regents Exam) or Honors Biology

(">85" Course average and "A" on Regents Exam) and must meet Math Requirement* AND Departmental Approval

***Math grade RECOMMENDED to be >"A"; REQUIRED to be >85.**

NOTE: The selection and invitation of students to participate in our Honors offerings, begins with teacher recommendation. The department, along with guidance will review each candidate with regard to appropriate criteria.

Students who do not meet the level of expectation in the honors offerings (i.e.: maintaining an "85" exam average) will be reassigned to a Regents-level class.

435 - Chemistry - Advanced Placement*

Student Requests Accepted No

This course is the equivalent of a first year college chemistry course. Successful achievement in Regents Chemistry is strongly recommended. This course stresses problem solving and the use of mathematics as a thought tool. In May, the students will take the College Board Advanced Placement Test in Chemistry. Class daily plus lab alternate days.

1 unit of credit

Prerequisite- Chemistry (">90" Class average) & Algebra 2/Trig* AND Departmental Approval

***Math grade required to be ">85"**

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

441– Physics R – The Physical Setting

Student Requests Accepted No

A challenging high school course dealing with the study of the basic ideas and relationships of space, mass and time, and how the scientific investigation of these ideas over the past centuries has increased our understanding of the universe. Topics include motion, forces, momentum, work and energy, heat, sound, light, electricity and magnetism. Laboratory work to illustrate and reinforce these concepts will be carried out in small groups. The Physics Regents examination will be the final exam for this course. Class daily plus lab alternate days.

1 unit of credit

Prerequisite: Biology & Chemistry* & Algebra 2/Trig (Completed/concurrent)**

***Chemistry grade recommended to be >80;**

****Math grade RECOMMENDED to be >"B"**

NOTE: All Regents courses have a mandatory laboratory component that must be satisfactorily completed in order to be admitted to the Regents exam

Science

443 - Physics 1 AP*

Student Requests Accepted No

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian Mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves and sound. It will also introduce electrical circuits. Inquiry-based laboratory work with a major emphasis on data analysis is an emphasis of this course along with intensive preparation for the College Board Advanced Placement Test in Physics 1, which all students are expected to take. Class daily plus lab alternate days.

1 unit of credit

Prerequisite - Biology & Chemistry ("A" Average) & Precalculus* (completed/concurrent) AND Departmental Approval

***Math grade required to be ">85".**

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

0445 - Physics 2 Advanced Placement*

Student Requests Accepted No

This course is the equivalent of a second-semester college course an algebra-based physics that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

1 unit of credit

Prerequisite - R. Physics (">95" Class Average) or AP Physics 1 & Precalculus* (completed/concurrent) AND Departmental Approval

***Math grade required to be ">85".**

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

447 - Physics "C" - Advanced Placement*

Student Requests Accepted No

At the first year college level for students of science or engineering, this course encompasses areas of greater complexity and difficulty than encountered in the AP Physics 1 & 2 curriculum. A major emphasis of the course will rely on the students' mathematics background. Laboratory work in advanced topics will be part of the course, as well as a preparation for the College Board Advanced Placement Test in Physics "C", which all students are expected to take. Class daily plus lab alternate days.

1 unit of credit

Prerequisite-AP Physics 1 (">90" Class Average) & Calculus AB* (Completed/concurrent) AND Departmental Approval

***Math grade required to be ">85"**

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

Science

451 - Forensics

Student Requests Accepted No

This course explains the science used in forensic science techniques and encompasses many subject areas, including Biology, Earth Science, Chemistry, Physics, Psychology and Math. Students will learn about different types of evidence and the techniques used to collect and analyze it. Students will use their techniques to investigate crime scenes and solve crimes through the collection, handling and examination of trace evidence. Evidence may include hair, fibers, soil, pollen, glass, fingerprint, blood, blood spatter, DNA, drug, handwriting, tool mark analysis, impressions, ballistics, forensic anthropology and other such evidence to determine cause and time of death. Students will have to solve a series of scenarios taken from popular media, historic cases, as well as, newly created cases where they will use their newly learned forensic science skills.

This course will involve many hands-on lab activities, experiments, and virtual activities that will further knowledge and understanding of forensic science and problem-solving techniques.

1 unit of credit

Prerequisite - approval of Department Head

Grades 11 and 12 ONLY

0453 - Environmental Science Advanced Placement*

Student Requests Accepted No

Advanced Placement Environmental Science is designed to be the equivalent of an introductory college course in Environmental Science. This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Topics include scientific analysis, interdependence of earth systems, human population dynamics, renewable and nonrenewable resources, environmental quality, global changes and their consequences, environment and society. Field and laboratory investigations are an integral part of curriculum. All students take the Advanced Placement Examination at the conclusion of the course.

This course is intended for those students who do not plan on taking another AP Science course in 11th or 12th grade.

1 unit of credit

Prerequisite - Earth Science* & Biology* & Algebra* & Chemistry* AND Departmental Approval

***Required**

*Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

456 - Marine Sciences

Student Requests Accepted No

This course will explore the major factors that affect aquatic and marine life. Its interdisciplinary nature will place strong emphasis on laboratory work and aquaria set-ups and maintenance. Special emphasis will be given to the marine environment. The chemistry, physics, and biology of water and ecosystems are thoroughly investigated. Students will work with aquaria designs to gain experience in breeding, behavioral or environmental studies. Class daily plus lab alternate days.

1 unit of credit

Grades 11 and 12 ONLY

Prerequisites: Earth Science & Biology OR Departmental Approval

0458 - Anatomy & Physiology*

Student Requests Accepted Yes

This course provides detailed study of the anatomy and physiology of human organ systems. It is intended primarily for students interested in: medicine, dentistry, physical therapy, sports medicine, chiropractic and osteopathic medicine but is also appropriate for students who wish to gain a better understanding of their own physical body. Material concerning the clinical aspects of body structure and function will be included. *Dissections and virtual dissections* will highlight the various aspects of anatomy. There will also be comparisons made between homeostasis and pathophysiology. Memorization is a key skill to succeed in this course as tests, along with projects, will be used to assess student learning.

It is recommended that students take Anatomy and Physiology as a full year sequence.

1 unit of credit

Grades 11 and 12 ONLY

Prerequisite - Biology or Departmental Approval

Science

0459 - College Astronomy*

Student Requests Accepted Yes

A laboratory course covering the earth, solar system, properties of stars, spectral classification, stellar evolution, variable stars, interstellar space and cosmology. There will be a commitment of two night observations using our school observatory and a project dealing with some aspect of astronomy.

1/2 unit of credit

Prerequisite :

Grades 10, 11 and 12 ONLY

*Interested students will be able to register through St. John's University (Queens Campus) St. John's University College Advantage Program and earn college credit.

0460 - Botany & Horticulture*

Student Requests Accepted Yes

This course provides instruction related to the broad field of horticulture with the emphasis on the scientific and technical knowledge related to the discipline, as well as the ways we use this knowledge to establish a relationship with our environment. Topics in this course include information on plant structure and function, plant growth, plant diversity, basic plant identification, general botany, soil analysis, gardening and land use, and more. Time will be spent in the greenhouse and outside (as weather permits).

1/2 unit of credit

Prerequisite:

Grades 10, 11 and 12 ONLY *Interested students will be able to register through St. John's University (Queens Campus) St. John's University College Advantage program and earn college credit.

461 - Research Methods (*)

Student Requests Accepted No

This course is designed to meet the needs of students who plan to pursue a research project in the social sciences, mathematics or physical and life sciences. Designed as an introduction to research as a process, this course will emphasize the appropriate on and off-line search avenues, experimental design, measurement and analysis of data and presentation techniques.

NOTE: All students must obtain and complete an application to be considered for admission. Complete applications are to be handed in to the Science Department Head on or before the deadline date.

1 unit of credit

Prerequisite: Recommendation by Department

Application Required

Science

462 - Science Research Honors

Student Requests Accepted No

This course is designed for the student with special scientific interest. It will deal with all aspects of research and will help the student to create, develop, and produce short term and long range experiments. Students electing the course will be prepared to enter competitions such as the Long Island Science Congress and the Intel Science Talent Search.

1 unit of credit

Prerequisite: Research Methods (">88" Class Average) & any Science Class (">85" Class Average) OR Departmental Approval

463 - Senior Research Seminar Honors

Student Requests Accepted No

This seminar will enable all research students to polish their papers, receive support in their editing efforts, and prepare all entry materials for a variety of competitions. Research students from the social sciences, mathematics and science department will gather in an informal setting to obtain help, brainstorm with other students and complete all components required for competition.

1 unit of credit

Prerequisite: Research Methods, Science Research Honors, Summer Research or School Approved Research Plan OR Departmental Approval

Social Studies

212- Global History and Geography 9

Student Requests Accepted No

Global History and Geography is a two-year course. The first year examines world history prior to 1770. Beginning with the birth of civilization and continuing with a cross-cultural, chronological journey through the ages, this course challenges students to examine life before the advent of the Industrial Revolution. Primary and secondary sources will be utilized to develop critical thinking and writing skills. The final is a school-generated exam.

1 unit of credit

213-Global History and Geography I: 9 Honors

Student Requests Accepted No

The global history and geography core curriculum is explored chronologically giving students the opportunity to discover what is happening in various regions and civilizations from prehistoric times to approximately 1770. Students investigate issues and themes from multiple perspectives and make global connections and linkages that allow for in-depth understanding. This course is designed for students who have high academic standing and exhibit strong oratory, reading, writing and comprehension skills. The final is a school-generated exam.

1 unit of credit

Prerequisite – Self-select students must have a 90 average or higher in Social Studies 8 and non self-select students must have a 95 average or higher in Social Studies 8. Approval of Social Studies Department

0214 – Global History and Geography 9/10 ENL

Student Requests Accepted No

This course is designed for students who are new to this country and who are concurrently enrolled in the ENL program. The course will follow a Global History and Geography curriculum and will stress basic social studies skills and concepts, as well as practice in verbal and written English for newer English Language Learners. Placement in the class will be offered to students on the basis of their English language skills as assessed by appropriate school personnel.

1 unit of credit

215 – Global History and Geography Regents ENL 10

Student Requests Accepted No

This course is designed for students who are new to this country and who are concurrently enrolled in the ENL program. The course will follow a Global History and Geography curriculum and will stress basic social studies skills and concepts, as well as practice in verbal and written English. Placement in the class will be offered to students on the basis of their English language skills as assessed by appropriate school personnel.

1 unit of credit

223- Social Studies 10R - Global History and Geography II 10R

Student Requests Accepted No

This is part two of the Global History and Geography curriculum. Students will continue a chronological approach and examine the modern world from approximately 1770 to the present-day. Emphasis will be given to synthesizing information and sharpening analytical skills. In June 2018 the Global Regents exam will focus on the world from 1750 to the present.

1 unit of credit

Prerequisite-Social Studies 9

Social Studies

224 - World History – Advanced Placement*

Student Requests Accepted No

Advanced Placement in World History is intended for students with strong interest and demonstrated ability in social studies. Students will be expected and encouraged to analyze historical events and evidence worldwide. The course offers a global perspective on Asia, Africa, the Americas and Europe. Among the themes covered are: world religions, comparative labor systems, the changing role of women, comparative revolution and decolonization. Students will be encouraged to make connections across regions to gain historical perspective. Students are required to take the College Board Advanced Placement examination in World History in May and the Regents in Global History and Geography in June. A high level of achievement in English 9 is strongly recommended.

1 unit of credit

Prerequisite: An "A" in exams in SS9 and/or 9 Honors and approval of the Social Studies Dept.

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

232 – United States History Advanced Placement*

Student Requests Accepted No

The Advanced Placement course in American History is designed for those students who have demonstrated superior ability and interest in the social studies. This course will include reading the works of outstanding historians, close examination of documents, and emphasis on historiography, and on the development of a critical approach to reading and writing. In May the members of the class are expected to take the College Board Advanced Placement Examination in American History and in June will take the Regents examination. A high level of achievement in English is strongly recommended. Consideration will also be given to the results of the Global Studies Regents exam and the European History Advanced Placement Exams in recommending students for this college level course.

1 unit of credit

Prerequisite: An "A" in exams/essays in Social Studies 10 and approval of Social Studies Department

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

233 - Social Studies 11R - United States History and Government

Student Requests Accepted No

This is a course designed to fulfill the New York State requirement. Among the topics included are the U.S. Constitution, geography, industrialization and urbanization, immigration, war, prosperity, depression, global crisis: responsibility and cooperation. Critical thinking and writing skills will be enhanced. Analysis and evaluation of primary source material as well as scholarly secondary sources will be emphasized. Responding to document based questions and thematic essay writing skills will be further refined. All students will take the U.S. History and Government regents exam in June.

1 unit of credit

Prerequisite-Social Studies 10

234 - United States History and Government for ENL Students

Student Requests Accepted No

This course is designed for students who are new or recent to this country and who are concurrently enrolled in the ENL program. The course will follow a United States History and Government curriculum and will stress basic social studies skills and concepts, as well as practice in verbal and written English. Placement in the class will be offered to students on the basis of their English language skills as assessed by appropriate school personnel.

1 unit of credit

Social Studies

250 - Economics in American Life (1/2 year)

Student Requests Accepted Yes

This is an issue-oriented, and problem-solving approach to the study of contemporary American economics. The first part of the course deals with the basic laws of the free-market economy, the family as a consuming unit, as well as the organization, operation, and regulation of American business and labor. The second part of the course deals with "macro economics" emphasizing the role of government (local, state, and national), comparisons between American capitalism and other economic systems, and problems of international trade and foreign aid.

1/2 unit of credit

Prerequisite - Social Studies 11

NOTE: Course 250 Economics must be selected if students elect to satisfy the twelfth year Social Studies requirement with two semester courses.

252- The Bill of Rights, Criminal Justice, and the Human Mind (1/2 year)

Student Requests Accepted Yes

This course explores the multi-disciplinary science of law-making, law-breaking and law enforcement. Students will examine the role of forensic psychology in analyzing the criminal mind and the role of the Supreme Court in the criminal justice system. The course will focus on corporate crime, hate crime, gang violence, terrorism and other "modern" problems. This is a semester course open to 12th grade students. This course can satisfy the senior government requirement.

½ unit of credit

Prerequisite – Social Studies 11

0253 - Current Issues in Politics & Economics

Student Requests Accepted Yes

The course will examine politics at both the local and national levels with current events and issues shaping the curriculum. Key economic concepts will also be examined, with an emphasis on how they impact and are impacted by public policy. Many of the activities will be experienced-based and include moot court and model congress simulations as well as interacting with local government. This course can satisfy the 12th grade government and economic requirements.

1 unit of credit

Prerequisite - Social Studies 11

254 - Women's History* - From Betty Crocker to Betty Friedan to Lilly Ledbetter

Student Requests Accepted Yes

This full-year course will explore the evolving economic, social and political rights of women from the beginning of the republic to date. The goal of this course is to familiarize students with the many women who are not in U.S. history textbooks and better understand those who are through projects, reading, discussion, research, video and presentations. Particular focus will be given to equal pay for equal work, voting rights and participation in government, abortion, discrimination, gender bias and personal finance skills. This course is open to both 11th and 12th grade students. This course taken in the senior year can satisfy both the government and economic requirements.

1 unit of credit

Prerequisite - Social Studies 10

*This course does not meet the Social Studies requirement for the NCAA eligibility.

262 - Integration of Knowledge (Honors)

Student Requests Accepted No

This is a full year course centered on the philosophical inquiry of ethics and politics. Students will be actively engaged in the critical reading of primary and secondary sources, discussions, and writing short analytical essays on a regular basis. The class will draw upon a rich variety of historical readings from around the world beginning in ancient times and leading up to the early modern era (before the American Revolution). The ideal candidate for this class will have a strong background in both social studies and English as demonstrated by prior distinguished performance in the two subjects and/or teacher recommendation.

1 unit of credit

Prerequisite - Approval of Social Studies Dept.

Social Studies

0263- Introduction to Multicultural Studies (1/2 year)

Student Requests Accepted Yes

This course emphasizes the contributions and experiences of racial and ethnic groups in the United States. The purpose of the course is to highlight how groups have influenced American history and shaped the nation's culture. This course is project based; students will be asked to write a personal narrative, keep a journal of reflections. Overall, cultural values will be explored and assessed.

1/2 unit of credit

Prerequisite - Social Studies 10

264 - Economics-Advanced Placement*

Student Requests Accepted No

The AP Economics course is a college level course designed for those students who have demonstrated exceptional scholarship in math and social studies.

The course will focus on three major topics: Basic Economic Concepts (scarcity, the market process, supply and demand); Macroeconomics (measurement of the national economy, determination of national income, money and banking and international trade); Microeconomics (elasticity, marginal utility and analysis of costs). Textbook concepts will be discussed in relation to current economic problems. The role of the American Government in the economic process will be thoroughly studied with special emphasis on the role of the Executive Branch and the Congress in determining the federal budget (Fiscal Policy). The procedure by which the Federal Reserve determines the money supply will also be investigated (Monetary Policy).

In May students will take both Microeconomics and Macroeconomics AP examinations.

1 unit of credit

Prerequisite- An "A" in exams/essays and approval of the Social Studies Department

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

Social Studies

266 - AP Government and Politics – US*

Student Requests Accepted No

Advanced Placement Government and Politics – US is a college level course. This is a reading-intensive discussion oriented course. Students will be expected and encouraged to develop their research and writing skills. This course is designed for students who have an interest in, or are seeking to increase their knowledge and understanding of: constitutional foundations, institutions of national government, the impact of the media on national politics, civil rights and civil liberties, interest groups, political beliefs and behaviors, and politics of public policy.

Students are required to take the Advanced Placement examination in May. A high level of achievement in English is strongly recommended.

1 unit of credit

Prerequisite- An "A" in exams/essays and approval of the Social Studies Department

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269 - Facing History SOCIAL STUDIES

Student Requests Accepted No

Facing History is a unique program for students who want to make a difference in our school, local, and global communities. This course is designed to increase tolerance and multicultural understanding through literature, history, psychology, service learning, and research. It is co-taught by a team of teachers from the English, Social Studies, Library and Internship departments. This program satisfies the English and Social Studies requirements for senior year as well as an elective credit. Second semester includes an off-site service-based internship that provides an opportunity for civic engagement to promote upstander behavior. You can visit the English or Internship sections of the course catalog for their respective descriptions.

The Social Studies component of this program explores both historical and modern day examples of injustice, bigotry and intolerance. The curriculum will explore not only the occurrences of such actions but also delve into the psychology behind the behaviors in order to better understand events such as Rwanda, Armenia, the Holocaust, Japanese Internment and the American Eugenics Movement. Students will engage in classroom simulations, debates, and current events analysis. Additionally, students will also participate in service projects.

1 unit of credit in each discipline and an internship for a total of three (3) credits

Corequisite: Enrollment in Facing History Social Studies, Facing History Research and Facing History Internship.

SENIORS ONLY.

*This course meets the Social Studies requirement for the NCAA eligibility.

Application required. Interview and teacher approval.

Social Studies

270- Facing History Internship (*)

Student Requests Accepted No

Facing History is a unique program for students who want to make a difference in our school, local, and global communities. This course is designed to increase tolerance and multicultural understanding through literature, history, psychology, service learning, and research. It is co-taught by a team of teachers from the English, Social Studies, Library and Internship departments. This program satisfies the English and Social Studies requirements for senior year as well as an elective credit. Second semester includes an off-site service-based internship that provides an opportunity for civic engagement to promote upstander behavior. You can visit the Social Studies or English sections of the course catalog for their respective descriptions.

For the Internship portion of this program students prepare resumes, cover letters, and explore internship options during the 1st semester. Students work with the program coordinator to select an appropriate placement for the second semester. Students will then participate in an off-site community service based internship where they put many of the themes they have learned into action. In addition to the internship, the class will also cover other essential elements of career preparation such as interview skills, email etiquette, and effective workplace communication. For questions regarding the logistics of this program, please email: nkinsey@greatneck.k12.ny.us.

1 unit of credit in each discipline and an internship for a total of three (3) credits

Corequisite: Enrollment in Facing History Social Studies, Facing History Leadership & Media Studies and Facing History Internship. SENIORS ONLY.

280 - Psychology AP*

Student Requests Accepted Yes

The purpose of the Advanced Placement course in Psychology is to introduce juniors and seniors to the systematic and scientific study of behavior and the mental processes of human beings and other animals. Students are exposed to the psychological facts principles, and phenomena associated with each of the major subfields within psychology, such as: Abnormal, Neuro Science, Clinical, Developmental, Learning, Memory, Social Psychology and Personality Theories. A high level of achievement in English is strongly recommended.

Please note that this course does not satisfy the social studies requirement for either grade 11 or grade 12.

1 unit of credit

Prerequisite-Minimum of B in Biology

Approval of Social Studies Department

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1919 Tutorial Social Studies 9 (Alternate Day)

Placement by CSE

No Credit

Student Requests Accepted No

Special Education

1902 BIO R 9 - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1903 Biology Regents - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1911 ENG 9 - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1912 ENG 10 - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1913 ENGLISH 11R - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1914 ENG 12 1 unit of credit	Student Requests Accepted	<u>No</u>
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1917 Global 10 Regents - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1921 TUTORIAL Social Studies 10 (Alternate Day)	No Credit	Student Requests Accepted	<u>No</u>
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1922 U.S. HISTORY Regents - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1923 ECONOMICS (1/2 year) - 1/2 unit of credit	Student Requests Accepted	<u>No</u>
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1924 PARTICIPATION IN GOVT (1/2 year) - 1/2 unit of credit	Student Requests Accepted	<u>No</u>
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1929 Algebra 1.1 - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1931 Algebra 1 Regents - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1938 STUDY STRATEGIES - 1 unit of credit	Student Requests Accepted	<u>Yes</u>
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1939 CAREER EXPLORATION - 1 unit of credit	Student Requests Accepted	<u>No</u>
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1979, 1980 Speech Fall/Spring - No Credit	Student Requests Accepted	<u>No</u>
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Study Skills

1332 - 1337 Learning Strategies

Student Requests Accepted Yes

This course is designed to give students academic support in all subjects. Study skills teachers work cooperatively with subject area teachers to supplement and enhance classroom instruction. This course will give students structure and direction to master a rigorous course of study. This course is available daily or alternate day for the full year and for half the year.

No Credit

World Languages

505 – Beginning Italian

Student Requests Accepted Yes

This is an introductory level course to Italian Language and Culture. This course will be conducted in Italian.

1 unit of credit

No prior knowledge or prerequisite course is necessary in order to enroll in Level 1 World Language courses. This course should only be in addition to the language sequence you began in middle school.

506 – Intermediate Italian

Student Requests Accepted No

As the continuation to Beginning Italian, this accelerated course will complete the requirements of the NYS Checkpoint B curriculum. Conducted entirely in Italian, students will be expected to speak, read, write and practice their listening skills on a regular basis. This class will culminate in the FLACS Checkpoint B Exam.

1 unit of credit

Prerequisite-Beginning Italian

507- Advanced Italian

Student Requests Accepted No

This is a post checkpoint B (formerly NYS Regents Exam in Italian) course designed to continue developing the student's proficiency in Italian. Emphasis will be placed on conversational and speaking skills, contemporary readings, films and current events.

1 unit of credit

Prerequisite: Intermediate Italian

512 - Latin 9 H

Student Requests Accepted No

Latin structures, vocabulary, and English derivations are further developed. A greater emphasis is put on translation skills.

1 unit of credit

Prerequisite-Latin 8

513 - Latin 10 H

Student Requests Accepted No

Emphasis is given to Roman literature and students read various selections from great authors. Since Cicero is the main author, students also learn about Roman law and courtroom practice. Throughout the year, there is an intensive review of grammar. The FLACS Checkpoint B Exam is taken at the end of the course.

1 unit of credit

Prerequisite: Latin 9 H

517 - Latin AP*

Student Requests Accepted No

This course prepares students for the Latin AP exam. Students read in English selections from Caesar's Gallic War and the entire Aeneid of Vergil; they translate long selected passages from Caesar and Vergil and write essays on those passages.

1 unit of credit

Prerequisite: Latin 10 and FLACS Checkpoint B Exam

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World Languages

541 - French 9 H

Student Requests Accepted No

This is an accelerated course in which more advanced reading and writing is introduced. Language materials deal with modern life in French speaking countries.

1 unit of credit

Prerequisite: French 8

542 - French 10 H

Student Requests Accepted No

In the practice of the four skills (understanding, speaking, reading, and writing) students are directed toward increasing self-expression. Authentic audio, video and reading materials are emphasized. The FLACS Checkpoint B Exam is taken at the end of the course.

1 unit of credit

Prerequisite: French 9 H

543 - French 11 Honors

Student Requests Accepted No

This course gives students a high degree of competence in communicative skills through intensive conversations and discussions. The students comment, criticize, and express feelings and opinions about the films viewed and readings done in class.

1 unit of credit

Prerequisite: French 10 Honors with a grade of 90 or better and a grade of 90 or better on the FLACS Checkpoint B Exam

544 - French 12 Advanced Placement*

Student Requests Accepted No

This course develops a high degree of proficiency in the language. Conversational ability is channeled toward extended discourse, comprehension of texts of a wide variety of topics, and competent reaction orally and in writing to materials presented for listening and reading. Course content is drawn from broad areas of interest. Thus, the students can pursue their intellectual interests while perfecting their language skills. In May, those enrolled as 12 Advanced Placement are expected to take the College Board AP Examination in French.

1 unit of credit

Prerequisite-French 11 Honors and departmental approval

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

546 - French 12 H

Student Requests Accepted No

This course further develops students' skills in listening, speaking, reading and writing. The topics discussed will follow the same themes as the AP French course.

1 unit of credit

Prerequisite-French 11 Honors

552 - Spanish II

Student Requests Accepted No

Communicative competency and proficiency in speaking, listening, reading and writing is further developed. Conversations are expanded both as to themes and sophistication. Appreciation and understanding of the cultural aspects of Hispanic life are pursued in greater depth.

1 unit of credit

Prerequisite- Spanish 8 or course grade of 85 or better in Spanish 1 from South Middle School and 90 on the final exam.

World Languages

553 - Spanish III

Student Requests Accepted No

The practice of audio-lingual skills is continued, while more emphasis is placed on reading and writing than previously. Students' interests are considered in selection of conversational topics and reading materials. Periodicals and audio visual materials are used to familiarize students with modern life in Spanish speaking countries.

1 unit of credit

Prerequisite- Spanish 8 or Spanish II

Student Requests Accepted No

554 - Spanish IV

The course consists of thematic units selected according to the New York State syllabus. They serve to increase conversational abilities, and the ability to write and to read. The FLACS Checkpoint B Exam is taken at the end of the course.

1 unit of credit

Prerequisite-Spanish III

557 – College Spanish Conversation

Student Requests Accepted No

Students will have the opportunity to expand their communication skills in this post Flacs B class that emphasizes communicative competencies. Please note that students not pursuing the AP program may register for this course. Students have the option to earn college credit through a local university.

1 unit of credit

Prerequisite- Spanish IV or Spanish 10 Honors

558 – College Spanish Portfolio

Student Requests Accepted No

This is a senior elective for those students who would like to practice and enhance their communication skills. Students will be expected to collaborate on a series of projects and present an end of year portfolio. Please note that students not pursuing the AP program may register for this course. Students have the option to earn college credit through a local university.

1 unit of credit

Prerequisite – Spanish Conversation or Spanish 11 Honors

561 - Spanish 9 H

Student Requests Accepted No

Conversational ability and communicative competency continue to be stressed. More advanced reading and writing is introduced. This begins a rapidly paced and rigorous study of thematic vocabulary intertwined with grammar and structure topics.

1 unit of credit

Prerequisite- Course grade of 90 or better in Spanish 8 and 90 or better on the FLACS Checkpoint A Exam.

562 - Spanish 10 H

Student Requests Accepted No

In the practice of the four skills (listening, speaking, reading, and writing) students are directed toward increasing self-expression. Authentic reading materials are emphasized. The FLACS Checkpoint B Exam is taken at the end of the course.

1 unit of credit

Prerequisite-Spanish 9 Honors

563 - Spanish 11 Honors

Student Requests Accepted No

This checkpoint C level class is a preparation for the Spanish Language and Culture course in grade 12. In this pre-AP class, students will continue to develop their advanced skills in the formal and informal Spanish language. Students will read fiction and nonfiction texts, engage in speaking, writing tasks and continue to develop their listening comprehension skills at an advanced level.

1 unit of credit

Prerequisite-Spanish 10 Honors with a grade of 90 or better and a grade of 90 or better on the FLACS Checkpoint B Exam

World Languages

565 - Spanish 12 Advanced Placement*

Student Requests Accepted No

The course develops a high degree of proficiency in the language. Conversational ability is directed toward extended discourse, comprehension of texts on a wide variety of topics, and competent reaction orally and in writing to materials presented for listening and reading. Course content is drawn from broad areas of interest. Thus, the students can pursue their intellectual interests while perfecting their language skills. In May, those enrolled as 12AP are expected to take the College Board AP Examination in Spanish.

1 unit of credit

Prerequisite-Spanish 11 Honors and departmental approval

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

573- Mandarin Chinese 9 H

Student Requests Accepted No

This sequel to Chinese 8 is a course in which more advanced speaking, listening, reading and writing skills are developed. This class is almost exclusively taught in Chinese.

1 unit of credit

Prerequisite-Mandarin Chinese 8, Mandarin Chinese I or departmental approval

575 - Mandarin Chinese 10 H

Student Requests Accepted No

This course seeks to develop more advanced speaking and writing skills in Mandarin. Chinese culture will also be explored. This course will culminate in a comprehensive exam, which fulfills the NYS Checkpoint B requirement.

1 unit of credit

Prerequisite - Mandarin Chinese 9 Honors or departmental approval

0576 – Mandarin Chinese V

Student Requests Accepted No

1 unit of credit

Prerequisite-Mandarin Chinese 10, Mandarin Chinese IV or departmental approval.

577 - Mandarin Chinese 11 Honors

Student Requests Accepted No

This class will continue to develop all four language skills of reading, writing, speaking and listening. In addition, special attention will be paid to the study of traditional and modern Chinese culture as well as the study of characters.

1 unit of credit

Prerequisite-Mandarin Chinese 10 Honors or departmental approval

World Languages

579- Mandarin Chinese 12 Advanced Placement*

Student Requests Accepted No

This course develops a high level of proficiency in Chinese. Conversational ability is directed toward extended discourse, comprehension of texts on a wide variety of topics, and competent reaction orally and in writing to materials presented for listening and reading. Course content is drawn from broad areas of interest. Thus, the students can pursue their intellectual interests while perfecting their language skills. In May, those enrolled as Mandarin Chinese 12AP are expected to take the College Board AP Examination in Chinese.

1 unit of credit

Prerequisite-Mandarin Chinese 11 Honors and departmental approval

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In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

591 - American Sign Language I*

Student Requests Accepted Yes

Introduction to the ASL, its vocabulary and sentence structure. Acquisition of basic conversational tools. Introduction to the American Deaf Culture and to the deaf community.

1 unit of credit

No Prerequisite

No prior knowledge or prerequisite course is necessary in order to enroll in Level 1 World Language courses. This course should only be in addition to the language sequence you began in middle school.

***Some colleges do not accept American Sign Language as a recognized second language.**

592- American Sign Language II*

Student Requests Accepted No

Advanced vocabulary and sentence structure in past, present, and future tense. Students improve their receptive ability and conversational skills. Further development of cultural understanding of the values and traditions of American Deaf Culture. Students will continue to develop their video portfolio.

1 unit of credit

Prerequisite - ASL I

***Some colleges do not accept American Sign Language as a recognized second language.**

593 - American Sign Language III*

Student Requests Accepted No

ASL III is a continuation of the advanced vocabulary and structure acquired in ASL II. This class will require a video portfolio and will culminate in a comprehensive exam which fulfills the NYS Checkpoint B requirement.

1 unit of credit

Prerequisite - ASL II

***Some colleges do not accept American Sign Language as a recognized second language.**

World Languages

594 - American Sign Language IV*

Student Requests Accepted No

ASL IV will continue to develop expressive and receptive skills. Advanced fingerspelling and colloquialisms will be covered. Student will read a Deaf Culture novel and report on it in ASL for their video portfolio.

1 unit of credit

Prerequisite – ASL III

***Some colleges do not accept American Sign Language as a recognized second language.**

DEPARTMENT NOTES

English Department

ALL COURSES IN THE ENGLISH DEPARTMENT INCLUDE AN INTEGRATED APPROACH TO THE STUDY OF LITERATURE, COMPOSITION, AND LANGUAGE SKILLS TO ENSURE THAT EACH STUDENT ATTAINS BOTH AN UNDERSTANDING AND AN APPRECIATION OF THE ENGLISH LANGUAGE.

English courses will give students intensive instruction in the skills of listening, reading, literature study, and appropriate and effective use of language in writing and speaking. Students in grades 9, 10, and 11 will study one Shakespeare play as part of the literature component of each grade's curriculum. Students at all levels will study research and writing, and will submit a research paper or project.

Performing Arts Department

It is the department's objective to involve all interested students in one or more of the following classes. Students enrolled in all ensembles are required to participate in all scheduled dress rehearsals and concert performances. Through your participation in music, we hope to enrich your high school experience and provide you with the tools needed to become a well-rounded and educated individual.

Additional non-credit performing opportunities:

South Singers

This is a show choir that performs choreographed selections of jazz and pop songs. Students perform in winter, and spring and pops concert.

Full Year - No credit

Enrollment: by audition

Corequisite: Concert Choir

A Cappella

This group performs music written for unaccompanied choir.

Full Year – No credit

Enrollment: by audition

Corequisite: Concert Choir

Physical Education Department

All students must take Physical Education. Students who have medical limitations are scheduled when it is at all possible, and appropriate, to Adaptive Physical Education classes where activities will be offered according to the recommendation of the physician, the school nurse, the parent, and Physical Education Department. All other students will follow the student medical assignment procedure.

All physical educators will use the following general procedure for students with medical notes lasting two or more weeks. Those students with medical notes less than two weeks will simply report to class as usual and assist the teacher when possible. (Doctor's note).

All medicals remain in class. Assignments will be given on a weekly basis – MUST STAY IN CLASS!!

Social Studies Department

The Social Studies program offers students in grades 9 through 12 an opportunity to better understand themselves, others, and the world in accordance with the curriculum mandated by New York State. In addition to required courses, the department offers elective courses that can be taken in the 11th and 12th grade year.

Special Education Department

Students are offered the following four year sequential academic program in Special Class (Individual Development). Placement is through the Committee on Special Education only. Integrated classes are offered selectively through teacher recommendation and approval by the CSE. The Peak Experience (self-contained) Class is offered selectively through approval by the CSE.

Special Programs

Career Training

Our career training program provides for a variety of learning experiences. Specific program selection should be made consistent with the student's interests, aptitudes, and career plans.

Independent Study Program

Provision has been made for students who wish to deepen their experience in existing courses or who wish to explore areas not offered in school curricula. This opportunity is offered in the Independent Study Program.

Students with initiative and self-motivation who wish to formulate their own curriculum around a subject of personal interest should apply for approval of an independent study project. These projects may be undertaken only with prior approval from department or in addition to an existing program of study. Projects may be interdisciplinary in nature, combining a range of academic areas, or they may be highly specialized, centering around a specific topic or problem. They need not take the form of written work, but may include projects in Media, Fine Arts, Technology or Library Services. Though the burden of work rests on the student, each student will work with an appropriate advisor and together they will decide upon the procedure for evaluating the project.

Students considering an Independent Study Project must see Mrs. Allison Gottfried, Independent Study Coordinator, if interested. For year long and first semester courses, applications must be submitted before the first quarter progress reports. For second semester courses, applications must be submitted before third quarter progress reports.

World Languages Department

The World Language Program at South High is designed to challenge the needs of students of all proficiency levels. The communicative approach, strongly endorsed by this department, is essential to developing these proficiencies. Thus, students may expect their instruction in the language that they are studying. Student progress is continually monitored by the teachers to assure the best possible course placement.

AP Designation/District Policy

Students enrolled in Advanced Placement courses should be aware of their selection to a special group of scholars. This membership requires an extraordinary dedication to learning. Advanced Placement Courses are scheduled for the same length of time as any other year-long course in our school. Even though the Advanced Placement exam is usually administered mid-May, the students' responsibility does not end until the last regular teaching day in June. Students whose competency and consistency of effort are judged unacceptable by the teacher during the school year will be asked to withdraw from the course.

In order to maintain "Advanced Placement" designation on report cards, permanent records and transcripts, students must register and pay for the Advanced Placement Exam.

The Great Neck Public Schools believe that an Advanced Placement exam is a culminating experience which follows a year of college-level work in an AP class which has College Board approval for both its curriculum and instructor. Therefore, the Great Neck Public Schools will only register students for AP exams for which they have been enrolled in their corresponding AP course in their respective high schools. Requests for exceptions to this practice must be made in writing to the Assistant Superintendent for Secondary Schools by **January 31** of a year in which such an exception is being requested.