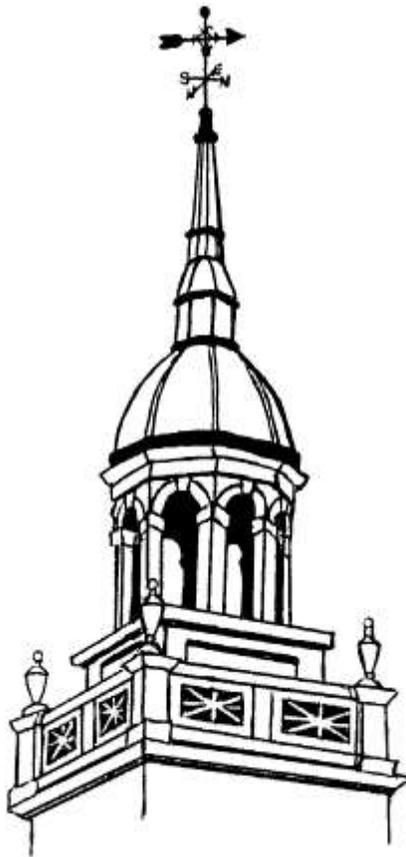


GARDEN CITY HIGH SCHOOL



COURSE DESCRIPTIONS

2016-2017

GARDEN CITY HIGH SCHOOL
170 Rockaway Avenue
Garden City, New York 11530
(516) 478-2000

Board of Education

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Mr. Tom Pinou	Vice President
Mr. Robert Martin	Trustee
Mrs. Laura Hastings	Trustee
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Ms. Lynette Abruzzo	Director of Pupil Personnel Services
Dr. Rita Melikian	Director of Educational Technology & Staff Development

High School Administration

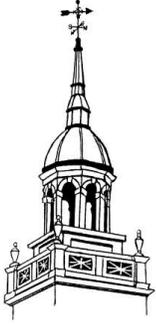
Ms. Nanine McLaughlin	Principal
Mr. David Perrotta	Assistant Principal
Mr. Kevin Steingruebner	Assistant Principal

Counseling Center

Ms. Gina Christel	Director of Guidance
Mr. Timothy Casale	School Counselor
Mr. Patrick Doyle	School Counselor
Ms. Jeanne Kennedy	School Counselor
Ms. Natasha Khan	School Counselor
Mr. James Malone	School Counselor
Ms. Karen Whiston	School Counselor

Curriculum Coordinators

Ms. Bernadette Arnone	English
Ms. Jeannette Balantic	Social Studies
Dr. Elena Cascio	Science
Mr. Stuart Dods	Mathematics
Mr. Peter Giacalone	World Language
Ms. Dawn Cerrone	Physical Education
Dr. Nina Prasso	Art and Music



GARDEN CITY PUBLIC SCHOOLS

170 Rockaway Avenue, Garden City, NY 11530-0216

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<http://highschool.gardencity.k12.ny.us/>

Nanine McLaughlin, *Principal*
David Perrotta, *Assistant Principal*
Kevin Steingruebner, *Assistant Principal*

Inspiring Minds
Empowering Achievement
Building Community

January 2016

Dear Students:

Part of the mission of Garden City High School emphasizes the goal of enabling each student to become a creative thinker and problem solver. This outcome may be achieved as you make informed decisions about high school. It extends to one's ability to research, process information and draw conclusions.

Directly related to this standard of achievement is the program of study you select. This important discussion should involve your parents, your school counselor and your teachers. Be sure to take advantage of all we offer at GCHS- challenge yourself appropriately with a comprehensive program of study and take courses that will prepare you for success in your future endeavors. Plan carefully, as we use your requests to plan our master schedule. When you choose classes, you are making a commitment that we expect you will honor.

The scheduling process is an opportunity for you to review past accomplishments and establish future goals. Reflect upon your current progress and consider carefully how you will take maximum advantage of the courses we offer. Keep in mind that college success depends upon basic academic values and characteristics. How you manage your time, balance your life, and expect to perform affects your chances of success.

Wishing you continued success as you plan for the 2016-2017 school year.

Sincerely,

Nanine McLaughlin

Nanine McLaughlin
Principal

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GARDEN CITY HIGH SCHOOL MISSION STATEMENT

The mission of Garden City High School is to provide a physically safe and emotionally secure environment, where students are challenged to strive for personal excellence through educational, athletic, creative and extra-curricular pursuits. Our goal and responsibility is to help each student develop an enthusiasm for learning, a respect for self and others, and the skills to become a creative independent thinker and problem solver.

INTRODUCTION

This booklet has been prepared to assist the students at Garden City High School in selecting their programs of study for the following school year. Each department has listed its proposed course offerings and a brief description of each course. Also included are grade-level requirements, prerequisites, and credits granted for successful completion. Students should understand the requirements for graduation, as well as specific department requirements, when planning their programs. Every student in the high school is required to earn a minimum of 22 credits to meet graduation requirements, and study a minimum of six (6) courses in addition to physical education each year.

Student programs reflect individual decisions, and include a number of factors: performance in present classes, aptitude, goals, interests, and future plans. Students should consult with their parents, school counselors, and subject teachers before a final determination of course selection is made. Students should select programs that are commensurate with their abilities.

A course will run only if there is sufficient enrollment. If there is a scheduling conflict, a student will need to choose an alternate to his or her original selection.

A great deal of time and effort is expended in selecting subjects. The master schedule, which is based on staff and room utilization, is formulated on the basis of original student requests.

As a result, students are prohibited from making requests for changes to their course selection after June 28 except for the following reasons:

- | |
|---|
| <ol style="list-style-type: none">1. Requested course(s)/elective(s) were not available or in conflict2. Missing or incorrect course3. Insufficient number of courses (all students must carry minimum of 6 courses plus PE)4. Level change (note: Honors Appeal deadline July 5th)5. Adding a course6. Previous failure with assigned teacher |
|---|

Necessary changes will be made after the parent portal is open in late August. Any requests for changes must be submitted on a **Correction of Error Form** (available at <http://www.gardencity.k12.ny.us> under “What’s New” by the specified deadline on form.

Deadline dates will be posted in student handbook and updated online as soon as they are available.

ADD/DROP POLICY

Schedule changes will only be considered for sound educational reasons and must have the approval of all involved parties. All students must carry a minimum of six classes in addition to Physical Education each semester. Students must use the official ADD/DROP form when requesting a schedule change. A student must attend three extra help sessions before dropping a core course or seeking a level change. The form must be dated/received by the counseling center by the designated cutoff date.

Dropping Courses:

A student must attend three extra help sessions before dropping a core course or seeking a level change.

No indication will be made on the student's record if the course is dropped as follows:

Semester one **and year-long** courses dropped within the first five weeks of semester one
DEADLINE for **2016-2017** School year: dates will be posted in the student handbook and updated online as soon as they are available.

Semester two courses dropped within the first five weeks of semester two
DEADLINE for **2016-2017** School year: dates will be posted in the student handbook and updated online as soon as they are available.

EXCEPTION: Students who remain seated in the honors or advanced placement level course for ten weeks and decide to drop a level at the end of the first quarter will receive a 5% adjustment to their quarter grade.

Level changes (down) will be permitted until week 15 of the school year.

DEADLINE for **2016-2017** School year: dates will be posted in the student handbook and updated online as soon as they are available. (Level changes may result in changes in student's schedule.)

After the above dates, courses dropped will be indicated by a WP (withdrawn passing) or WF (withdrawn failing) as appropriate until the no drop date. No partial credit will be awarded. Dropped courses in which a student receives a WP or WF will not be computed in the average but will be indicated on the transcript.

Adding Courses:

Semester one courses and **year-long courses** added within the first five weeks of semester one
DEADLINE for **2016-2017** School year: dates will be posted in the student handbook and updated online as soon as they are available.

Semester two courses added within the first five weeks of semester two
DEADLINE for **2016-2017** School year: dates will be posted in the student handbook and updated online as soon as they are available.

GRADUATION REQUIREMENTS

<u>Required Subjects</u>	<u>Regents Diploma</u>	<u>Regents Diploma with Advanced Designation</u>
English	4	4
Social Studies	4	4
Math	3	3
Science	3	3
Health	½	½
Art/Music	1	1
Electives	3½	1½
Physical Education	2	2
World Language	<u>1</u>	<u>3</u> **
TOTAL UNITS	22	22

Local Diploma: Only classified students may be eligible to obtain a local diploma (see your counselor for local diploma requirements.)

ASSESSMENTS

Regents Diploma*

English Regents
 One Math Regents
 One Social Studies Regents
 One Science Regents
 +
 One Humanities, STEM, LOTE
 CTE, or Arts, Pathway Approved
 Assessment

Regents Diploma with Advanced Designation*

English Regents
 Algebra Regents
 Geometry Regents
 Algebra 2/Trigonometry Regents
 Global History Regents
 U.S. History Regents
 Two Science Regents
 -Living Environment and (1) Physical Setting-
 World Language FLACS Exam**

Regents Diploma with Math and/or Science Distinction

3 Math Regents with 85% or above on each exam and/or
 3 Science Regents with 85% or above on each exam

** Students can receive either a Regents Diploma with honors or Regents Diploma with Advanced Designation with honors if the overall average of required Regents Exams is 90% or higher.*

****May substitute 5 units of credit in a sequence of Art, Music, or Business.
 Identified below are some options available:**

Sample Music Sequence

Music Theory I & II – 1 credit (Required)
 AP Music Theory – 1 credit (Required)
 Concert Choir -1 credit
 Chamber Choir -1 credit
 Women’s Chorus -1 credit

Sample Art Sequence

Studio Art I – 1 credit (Required)
 Studio Art II -1 credit
 Studio Art III -1 credit
 AP Studio Art -2 credits

Sample Business Sequence

Entrepreneurship -½ credit (Required)
 Finance -½ credit (Required)
 Marketing and Advertising -½ credit (Required)
 Multimedia -½ credit (Required)
 College Accounting -1 credit
 College Business Law -½ credit
 College Business Management -½ credit
 College Marketing – ½ credit
 Fashion Marketing -½ credit

REGENTS EXAMINATIONS

All pupils who have studied a subject at an approved school for a period of time not less than that prescribed by the Commissioner of Education shall have the right to be admitted to the Regents examination at such school. Other persons may be admitted to a Regents examination for the purpose of demonstrating academic proficiency acquired through independent, out-of-school, or other study at the discretion of the principal. Proficiency will be determined by referral to the department coordinator of the subject involved. Prior application will be required by September 20 or February 5 of the semester in which the Regents examination is given.

Note: For students to be eligible to take any New York State Regents Examination in Science they must have satisfactorily completed 1,200 laboratory minutes as evidenced by satisfactorily graded laboratory reports.

The Regents also approved an appeals process in which students who score within three points of 65 and have achieved the standards would be eligible to appeal if they meet the following criteria:

1. Take the Regents Exam in question two times.
2. Have a score on the Regents Exam under appeal within 3 points of the 65 passing score on that exam, up to a total of two exams.
3. Have a course average in the subject under appeal that meets or exceeds the required passing grade by the school. The course average must be based on the student's official transcript that records grades achieved by the student in each quarter of the school year.
4. Present evidence that they have taken advantage of academic help provided by the school in the subject tested by the Regents Exam under appeal.
5. Have an attendance rate of 95 percent for the school year (except for excused absences) during which they last took the Regents Exam under appeal. Local school districts set their own policy for what is considered an excused or unexcused absence.
6. Be recommended for an exemption to the graduation requirement by their teacher or department chairperson in the subject of the Regents Exam under appeal.

HONORS POLICY

Honors Criteria- Grade 9

Students with an average of 92 or higher and a Regents exam/departmental assessment score of 90 or better in a subject area will be invited to enroll in the 9th grade honors level course. Where there is no Regents examination grade or department assessment score, the class average will be the sole criterion.

Students with a class average of 90-91.99 will be reviewed for honors placement using an established skills set. The department will conduct the review and submit a recommendation for placement. This review will be held at the end of the school year **(2015-2016)**.

Honors Criteria- Grades 10-12

Students who are currently enrolled in an honors course will remain in the honors curriculum if they have at least an 85 average and a 90 on the Regents examination.

Students who are currently enrolled in a Regents course will be invited to enroll in an honors curriculum if they have at least a 92 average and a 90 on the Regents examination. Where there is no Regents exam grade for consideration, the class average will be the sole criterion.

Students within a 5 point range of the grade point average established for automatic placement (Honors: 80-84.99, Regents 87-91.99), will be reviewed for honors placement by the department. Consideration for honors placement will be made using an established standardized skills set.

At the end of the year **(2015-2016)**, a final review will be conducted to ensure that students who meet the criteria are placed in the appropriate Honors/AP courses. This review will be conducted and student schedules will be adjusted accordingly.

Honors Appeals

Shortly after the end of the school year, course selections will be mailed home. In the event that a family member is not satisfied with the recommendations and placement, and if the student meets the cusp criteria necessary, and requests further consideration, the parents must complete an **Honors Appeal Form** (available on school website) and submit it to the Guidance Department. Appeals must be filed with the Guidance Department by **July 5, 2016**. Curriculum Coordinators and School Administrators will serve as the committee and evaluate the information and render a decision. Contact: Curriculum Coordinator/Guidance Counselor

HONORS, ADVANCED PLACEMENT (AP), AND COLLEGE COURSES

Honors, Advanced Placement, and College courses in various subject areas are significantly more challenging and therefore, require greater time and effort to meet course demands, including homework. As a result, these courses are weighted differently. Honors courses receive weighting of 1.03, and Advanced Placement (AP) and College courses receive weighting of 1.06. Please note, students enrolled in Advanced Placement courses are required to take and pay for all Advanced Placement examinations.

COMPLETION OF COURSES

Students who have taken a course and earned a passing grade will be scheduled for the following course level. Students may NOT repeat courses that have earned passing grades. Please note, this does not apply to Regents examinations.

ART

The Art department provides students with outstanding Fine Arts experiences while introducing and preparing them for STEAM oriented careers. Digital Photography and Computer Graphics align with the growing demand for students to be prepared for college and careers that focus on Science, Technology, Engineering, Art and Math. Drawing, painting and sculpture courses allow students to express themselves using different mediums. STEAM oriented courses prepare students to use technology creatively.

Grade 9	Grade 10	Grade 11	Grade 12
Studio Art 1 Computer Graphics Photography 1 Digital Photography 1	Studio Art 1 Studio Art 2 Computer Graphics Adv. Computer Graphics I Adv. Computer Graphics II Sculpture I Photography 1 Photography 2 Digital Photography 1 Digital Photography 2	Studio Art 1 Studio Art 2 Studio Art 3 Computer Graphics Adv. Computer Graphics I Adv. Computer Graphics II Sculpture I History of American Art Photography 1 Photography 2 Photography 3 Photography 4 Digital Photography 1 Digital Photography 2	Studio Art 1 Studio Art 2 Studio Art 3 Studio Art 4 AP Studio Art Computer Graphics Adv. Computer Graphics I Adv. Computer Graphics II Sculpture I History of American Art Photography 1 Photography 2 Photography 3 Photography 4 Digital Photography 1 Digital Photography 2

STUDIO ART 1 – 7000

Full year - 1 credit

Grades 9, 10, 11, 12

This course is a foundation “How To” course presenting The Elements and Principles of Design. The emphasis will be on creativity in a wide range of media and techniques.

Studio Art 1 is the only approved Art class that can fulfill the New York State graduation requirement in the Arts. Studio Art 1 must be used towards obtaining a 5 unit Regents sequence in Art (if chosen). Any of the following Art courses listed below can also be used to complete the 5 unit Regents sequence in Art.

STUDIO ART 2: Drawing/Painting/3-D Design – 7020

Full year - 1 credit

Grades 10, 11, 12

Prerequisite: Successful completion of Studio Art 1

This is a transition course between Studio Art 1 and the methods of Studio Art 3. Students will alternate semesters with a concentration in drawing/painting one semester and 3-D design/sculpture the next semester. **This course may be used towards obtaining a Regents sequence in Art.**

STUDIO ART 3: Advanced Drawing/Painting/3-D Design – 7040

Full year - 1 credit

Grades 11, 12

Prerequisite: Successful completion of Studio Art 2

This is an advanced studio workshop in fine art and design. Students will learn techniques in drawing and painting with an emphasis on individual expression. It is also a pre-AP environment creating works suitable for early college portfolio presentations. **This course may be used towards obtaining a Regents sequence in Art.**

STUDIO ART 4 – 7050

Full year - 1 credit

Grade 12

Prerequisite: Successful completion of Studio Art 3

This course is designed to meet the needs of any art student who cannot take AP art for the required two periods in their senior year. Emphasis will be placed on creating individuality in a wide range of media. No AP credit is given. **This course may be used towards obtaining a Regents sequence in Art.**

HONORS CREDIT FOR STUDIO ART 1, 2, 3, & 4

A student may elect to receive honors credit for Studio Art 1, 2, 3, or 4. We have set up a series of problems that require brainstorming and creative solutions. To receive honors credit, the student must complete the specified assignment that will include a two hour practical exam. Students will showcase their solutions and their completed projects during final exam week.

No grade will be given. Students will be granted either Honors credit or no Honors credit at the end of the fourth quarter. The student must also receive a 92 or better in his or her art class. A student contract and specific deadlines are required.

AP STUDIO ART – 7060 – 2 periods

Full year - 2 credits

Grade 12

Drawing Portfolio

Prerequisite: Successful completion of Studio Art 3

2D Design Portfolio

Prerequisites: Successful completion of Studio Art 1, 2, Computer Graphics II and Advanced Computer Graphics I, or Photography 3 and Digital Photography

3D Portfolio

Prerequisites: Successful completion of Studio Art 3 and Sculpture

Recommended: Successful completion of Art Honors in Studio Art 1, 2, and 3, and successful completion of Computer Graphics and Photography.

Advanced Placement Art is offered to students who intend to pursue the study of art as a vehicle for personal growth. It is strongly recommended for those who intend to pursue advanced study in the Fine Arts at the College or University level, or plan to pursue art as a career. Students will receive instruction in portfolio preparation in fine arts: Drawing, 2-Dimensional Design, or 3- Dimensional Design. Students enrolled in the course will be expected to produce a portfolio of work, recorded in digital form, for presentation to colleges and the Advanced Placement Board.

Students will select a portfolio focus for the year's work:

The Drawing Portfolio is intended to address a broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means.

The 2-D Design Portfolio is intended to address a broad interpretation of two dimensional design issues involving purposeful decision-making about how to use the elements and principles of art in an integrative way. Students are required to demonstrate proficiency in 2-D design using a variety of art forms.

The 3-D Design Portfolio is intended to address a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light and texture. Such elements and concepts may be articulated through additive, subtractive, and/or fabrication processes. The student will prepare a minimum of 15 pieces of artwork in various media illustrating various concepts and techniques. An additional 12 projects

that concentrate on a specific concept will be completed with an accompanying commentary on the development of the project. All students are required to have a one-person art show. **This course may be used towards obtaining a Regents sequence in Art.**

AP Studio Art Pathways

9th Grade	10 Grade	11 th Grade	12 th Grade
Studio Art 1 (Required) ⇒	Studio Art 2 ⇒	Studio Art 3 ⇒	AP Studio Art: Drawing Portfolio
Studio Art 1 (Required) ⇒	Computer Graphics 1 ⇒	Adv. Computer Graphics 1,2 ⇒	AP Studio Art: 2D Design Portfolio
Studio Art 1 (Required) Photography 1 ⇒	Photography 2 and/or Digital Photography 1 ⇒	Photography 3,4 and/or Digital Photography 2 ⇒	AP Studio Art: 2D Design Portfolio
Studio Art 1 (Required) ⇒	Studio Art 2 ⇒	Sculpture 1 ⇒	AP Studio Art: 3D Design Portfolio

COMPUTER GRAPHICS – 7160

Half year - ½ credit

Grades 9, 10, 11, 12

Computer graphics introduces students to the scope, rigor and discipline of design and engineering prior to entering college. This foundation course teaches students problem solving skills using technology and design. It encompasses graphic design for advertising and an engineering foundation that teaches problem-solving skills using a design development process. **This course may be used towards obtaining a Regents sequence in Art.**

ADVANCED COMPUTER GRAPHICS I – 7165

Half year - ½ credit

Grades 10, 11, 12

Prerequisite: Final grade of 90 or above in Computer Graphics

Recommended: One full year of Art and one year of Photography

Expand knowledge of Photoshop and Illustrator. Combine knowledge of Elements of Design to create effective advanced magazine ads and posters. Illustrate stories and/or children’s books. Produce finished pieces of art that will be showcased in a portfolio. **This course may be used towards obtaining a Regents sequence in Art.**

ADVANCED COMPUTER GRAPHICS II – 7175

Half year - ½ credit

Grades 10, 11, 12

Prerequisite: Successful completion of Advanced Computer Graphics I

This is a continuation of Photoshop and Illustrator with an emphasis on individualized instruction.

This course may be used towards obtaining a Regents sequence in Art.

SCULPTURE I – 7170

Half year - ½ credit

Grades 10, 11, 12

Prerequisite: Successful completion of Studio Art 1

This is an opportunity for students to explore spatial design and relationships experimenting with a variety of media. **This course may be used towards obtaining a Regents sequence in Art.**

HISTORY OF AMERICAN ART – 7200

Half year - ½ credit

Grades 11, 12 (grade 10 with permission of the curriculum coordinator)

This course is a one semester course designed to expose students to the basic core of the arts of America including architecture, decorative arts, painting, sculpture and photography. It is an excellent complement to the

U.S. History and American Literature courses as it provides students with a greater knowledge of our cultural traditions in an historical context. This course requires no artistic skill, only an interest in understanding the art of our past and the culture of our present. **This course may be used towards obtaining a Regents sequence in Art.**

PHOTOGRAPHY 1 – 7100

Full year - 1 credit

Grades 9, 10, 11, 12

Photography 1 is a comprehensive challenging course, emphasizing the fundamentals of the camera, film and printing. Students are encouraged to expand their understanding of history and contemporary photography. Students will photograph, develop and print black and white photographs for display. Students must have an updated 35 mm film camera with exposure metering and manually adjustable f-stops and shutter speeds, film, paper, and other basic supplies. Assignments will require a student to photograph during and outside of the school day. Students will be provided with chemicals and mounting supplies. Approximate cost of materials for full year is \$175.00. **This course may be used towards obtaining a Regents sequence in Art.**

PHOTOGRAPHY 2 – 7120

Full year - 1 credit

Grades 10, 11, 12

Prerequisite: Photography 1

This course extends the study and experimentation in darkroom and digital darkroom. Photography 2 is a rigorous course requiring weekly participation in photography assignments. Photography 2 promotes students to explore the things that truly interest them and may strike the resonant chord that leads to a life-long passion. Students will sharpen their visual perception and become more aware of their environment by means of personal interpretation of subject matter. Curriculum encompasses photographic technologies and provides analysis of trends in photographic practice, digital darkroom as well as basic Photoshop. Students will prepare a body of work to be presented as a digital portfolio. Assignments will require a student to photograph during and outside of the school day. Students must have an updated 35 mm film camera with exposure metering and manually adjustable f-stops and shutter speeds, film, paper and other basic supplies. Although not required, having access to a tripod and cable release will provide beneficial. Approximate cost of materials for full year is \$150.00 (provided they are using the same camera from previous years, otherwise the cost will be at least \$200.00). **This course may be used towards obtaining a Regents sequence in Art.**

PHOTOGRAPHY 3 – 7140

Full year - 1 credit

Grades 11, 12

Prerequisites: Photography 2

This course is designed to give those students with a serious interest in photography an opportunity to explore new techniques and ideas. Students will continue to develop the portfolio and mount a display of pictures that will demonstrate various concepts and approaches to the art of photography. The curriculum will cover advanced Photoshop and digital darkroom techniques. Students will prepare a body of work to be presented as a digital portfolio. Assignments will require a student to photograph during and outside of the school day. Students must have an updated 35mm film camera with exposure metering and manually adjustable f-stops and shutter speed, film paper and other basic supplies. Although not required, having access to a tripod and cable release will prove beneficial. Approximate cost of materials for full year is \$150.00 (provided they are using the same camera from previous years, otherwise the cost will be at least \$200.00). **This course may be used towards obtaining a Regents sequence in Art.**

PHOTOGRAPHY 4 – 7150

Full year - 1 credit

Grades 11, 12

Prerequisite: Photography 3

Photography 4 is for the self disciplined student who wants a challenge. Students integrate technical skills from Basic and Intermediate photography to create a resolved and consistent digital portfolio. Students conduct extensive research on particular subjects; practice advanced photographic techniques. This course integrates the technical and conceptual understandings that the student has acquired in photography through development of personally defined photographic projects. Emphasis will be on furthering explorations in the study of personal

expression and development of creative style. This course is an in-depth investigation of the relationship between subject matter, concept, and technical decision making. Building on a firm understanding of film, exposure, processing, and printing, students will experiment with a variety of techniques and aesthetic approaches. Assignments will require a student to photograph outside of the school day. Students must have both an updated 35 mm film camera and access to a digital camera with at least 8 megapixels, both cameras with exposure metering and manually adjustable f-stops and shutter speed, film paper and other basic supplies. Although not required, having access to a tripod and cable release will prove beneficial. Approximate cost of materials for full year is \$150.00 (provided they are using the same camera from previous years and already have access to a digital camera, otherwise the cost will be at least \$400.00). **This course may be used towards obtaining a Regents sequence in Art.**

DIGITAL PHOTOGRAPHY 1 – 7185

Half year - ½ credit

Grades 9, 10, 11, 12

This course will give students comprehensive instruction in science, 21 century standards of digital imaging, and the training on software recognized in the industry. Digital photography student will be prepared for the rigors of college in an environment that will cover computer technology, scientific research and art. Students will progress with their proficiency at using the digital cameras and software. Utilizing their knowledge of the Guidelines of Photography to take photographs that are visually stimulating; they explore size relationships, effects of light and dark, color, shape and form. Assignments will require students to photograph outside the school day, vacations and extended weekends. Students must have a digital camera with minimum of 8 mega pixels and a minimum of 1 Gig memory card. **This course may be used towards obtaining a Regents sequence in Art.**

DIGITAL PHOTOGRAPHY 2 – 7190

Half year - ½ credit

Grades 10, 11, 12

Prerequisites: Digital Photography 1, Photography 2, or Computer Graphics

Digital Photography 2 explores the digital image within the context of photographic practice. This class will look at digital photography in terms of design and communication factors including color, visual design, lighting, graphics, and aesthetics. With hands-on experience students will learn the technical as well as the critical skills needed to provide the foundation for all areas of multimedia production. Students will have the opportunity to learn how to operate image manipulation software using a variety of scanning equipment, software tools, and output devices by executing new assignments and applying these technologies to their photographic process.

Topics include: How digital photography has impacted visual literacy, photo composition and techniques for taking good pictures, how to scan and save digital photo, how to manipulate photos using image rotation, cropping, resizing, and the basics of graphic design. Activities will provide practice with sizing files, file compression methods, color adjustments, gray scale, sharpness, and applying photo filters, graphic design elements, apply digital photography technology to develop students' higher-order thinking skills and creativity. Assignments will require student to photograph outside the school day, vacations and extended weekends. Students must have a digital camera with a minimum of 8 mega pixels and a minimum 1 Gig memory card. **This course may be used towards obtaining a Regents sequence in Art.**

BUSINESS EDUCATION

Colleges and employers know that a student with a business sequence has mastered many of the skills required for success in the business world. Please see your guidance counselor for more information on graduation requirements.

Grade 9	Grade 10	Grade 11	Grade 12
Animation and Video Media Business Law Business Management Entertainment and Sports Marketing Entrepreneurship Fashion Marketing Finance Marketing and Advertising Multimedia Video Game Marketing	Animation and Video Media Business Law Business Management Entertainment and Sports Marketing Entrepreneurship Fashion Marketing Finance Marketing and Advertising Multimedia Video Game Marketing	Animation and Video Media Business Law Business Management Entertainment and Sports Marketing Entrepreneurship Fashion Marketing Finance Marketing and Advertising Multimedia Video Game Marketing College Accounting* College Business Law* College Business Mgmt.* College Marketing*	Animation and Video Media Business Law Business Management Entertainment and Sports Marketing Entrepreneurship Fashion Marketing Finance Marketing and Advertising Multimedia Video Game Marketing College Accounting* College Business Law* College Business Mgmt.* College Marketing*

*Adelphi University offers the courses noted above at a reduced tuition rate of \$345 per course, which are one semester in length. The curriculum for all college level courses was developed in conjunction with Adelphi University. All course work is completed at Garden City High School. Students can earn 3 college credits for semester (1/2 year) courses and 6 credits for full year courses (College Accounting).

ANIMATION AND VIDEO MEDIA – 6136

Half year - ½ credit

Grades 9, 10, 11, 12

This project-based course takes an interactive approach to multimedia. Students create and edit presentations using animation, video, and sound. Adobe Flash, an interactive animation program as well as Windows Movie Maker, a video-editing program will be utilized throughout the semester. Students will work on several projects on an individual and group basis. Projects will include: the creation of movies, a video of song lyrics, a commercial for a product of their choosing, and other exciting projects. **This course may be used towards obtaining a Regents sequence in Business.**

BUSINESS LAW – 6040, 6030

6040 - Full year - 1 credit

Grades 9, 10, 11, 12

6030 - Half year - ½ credit

Students explore the world of crime, torts and contract law by using realistic examples to illustrate and examine important legal concepts. Relating those concepts to students' lives generates interest. Students also access on-line computer services to review and extract information available via legal databases. Practicing attorneys provided through the Nassau County Bar Association's "Lawyers in the Classroom" program serve as an additional resource to students. Business Law provides a practical background for those who need these skills as business or law majors in college. This course may be taken for Honors credit, **and may be used towards obtaining a Regents sequence in Business.**

COLLEGE BUSINESS LAW – 6045

Half year - ½ H.S. credit - 3 college credits

Grades 11, 12

Students will examine current cases and case law relating to torts, crimes, and contracts. This is a fast paced course with legal concepts to be debated and researched. The responsibilities of minors and adults, employees and employers, and businesses and customers will be covered. College credit can be obtained through Adelphi University's high school program and is transferable to most colleges and universities. **This course may be used towards obtaining a Regents sequence in Business and receives "college course weight". The earned grade is multiplied by 1.06.**

BUSINESS MANAGEMENT – 6240

Half year - ½ credit

Grades 9, 10, 11, 12

The need for highly qualified leaders has taken on increasing importance as the business world looks to address the unique challenges of the 21st century. This course helps to prepare the student who aspires to be a leader in a world that will require skills in a multitude of environments (financial, technological, marketing, legal) including the ability to plan strategically and to communicate with people on all levels. Managers from a wide variety of local businesses will address the class to discuss their approaches to the decision-making process. This course may be taken for honors credit by completing assigned projects. **This course may be used towards obtaining a Regents sequence in Business.**

COLLEGE BUSINESS MANAGEMENT – 6245

Half year - ½ H.S. credit - 3 college credits

Grades 11, 12

The business world is looking for highly qualified leaders who are ready to take on the challenges of 21st century business. College Business Management helps to prepare students who will lead in the financial, technological, marketing, and legal fields of the future. Managers from local business will be utilized as guest speakers and "real world" resources. College credit can be obtained through Adelphi University's high school program and is transferable to most colleges and universities. **This course may be used towards obtaining a Regents sequence in Business and receives "college course weight". The earned grade is multiplied by 1.06.**

COLLEGE ACCOUNTING – 6070, 6080

6070 - Full year - 1 H.S. credit - 6 college credits

Grades 11, 12

6080 - Half year - ½ H.S. credit - 3 college credits

College Accounting is an accelerated course in which students can earn college credit by demonstrating competency in accounting. A thorough computerized investigation and analysis of accounting principles and operations for small businesses, partnerships, and corporations is explored in detail. Students use the business education computer lab to design solutions to projects and case studies. College credit can be obtained through Adelphi University's High School Program and is transferable to most colleges and universities. **This course may be used towards obtaining a Regents sequence in Business and receives "college course weight". The earned grade is multiplied by 1.06.**

ENTERTAINMENT AND SPORTS MARKETING – 6152

Half year - ½ credit

Grades 9, 10, 11, 12

Prerequisite: Marketing and Advertising

This project-based course will utilize the conceptual base established in Marketing and Advertising, and will focus on all facets of entertainment and sports marketing including sponsorship, promotion, sales and event marketing, communications and stadium layout and design. **This course may be used towards obtaining a Regents sequence in Business.**

ENTREPRENEURSHIP – 6010

Half year - ½ credit

Grades 9, 10, 11, 12

Entrepreneurship, the act of creating a new enterprise, is undertaken by millions of individuals each year. By meeting the wants and needs of consumers, entrepreneurs turn their ideas into goods and services and, at the same time, build rewarding careers for themselves. This course takes students through the entire process of owning their own business, from skills required to identify and meet a market need, to critical thinking,

planning, financing, and hiring. Emphasis is placed on the ability to recognize opportunities and avoid pitfalls. Any student, who envisions himself/herself as an owner of a business one day, or as an active participant in the business world, will find this course an excellent resource. This course may be taken for Honors credit by completing an assigned project, **and is required by students obtaining a Regents sequence in Business.**

FASHION MARKETING – 6145

Half year - ½ credit

Grades 9, 10, 11, 12

Prerequisite: Marketing and Advertising

This project-based course allows students to explore the exciting world of fashion. Students develop the conceptual base in marketing that was introduced in Marketing and Advertising. Throughout the course, students take an in-depth look at styles which are popular today and study current trends in fashion. Students will develop their own fashion brand. They will design a t-shirt, dress, and shopping bag. Students will also create a window display as part of visual merchandising. Students are made aware of how marketing shapes the fashion industry and learn about possible career opportunities in fashion. **This course may be used towards obtaining a Regents sequence in Business.**

FINANCE – 6090

Half year - ½ credit

Grades 9, 10, 11, 12

An introductory financial survey course which explores the basics of investments, with special attention on the securities market, real estate, banking, insurance and taxes. Students complete a semester-long computer project which tracks the activity of selected stocks, utilizing spreadsheets. They also familiarize themselves with the social, political and ethical implications of financial activities. The objective of this course is to have students better understand the financial options available to them. This course may be taken for Honors credit by completing an assigned project, **and is required by students obtaining a Regents sequence in Business.**

MARKETING AND ADVERTISING – 6150

Half year - ½ credit

Grades 9, 10, 11, 12

An introductory course that examines business activities involved in the process of getting products or services to the customer. Major emphasis is placed on the marketing mix, consumer behavior, marketing research, selling techniques, mechanics of ad creation and visual merchandising, retailing and careers in marketing. Students will demonstrate their skills by completing a marketing simulation in a computer lab. This course is the prerequisite for Sports Marketing, Fashion Marketing and Video Game Marketing. This course may be taken for honors credit by completing assigned projects, **and is required by students obtaining a Regents sequence in Business.**

COLLEGE MARKETING – 6155

Half year – H.S. ½ credit - 3 college credits

Grades 11, 12

Students will explore the role of marketing as it exists in the U.S. and globally. Topics covered include the marketing mix, marketing research, marketing strategy, new product development, consumer behavior, and competitive analysis. The course will include a combination of presentations, case studies, projects, and in-class discussions. College credit can be obtained through Adelphi University's high school program and is transferable to most colleges and universities. **This course may be used towards obtaining a Regents sequence in Business and receives "college course weight". The earned grade is multiplied by 1.06.**

MULTIMEDIA – 6130

Grades 9, 10, 11, 12

Half year - ½ credit

This project-based course is for the student who is interested in putting computer knowledge to use in a high-tech world. Several programs will be used during the course of the semester. These programs include *Adobe PhotoShop*, *Adobe Illustrator* and *Microsoft Publisher*. Students will enhance their desktop publishing skills during the course of the semester. Students will work on several projects on an individual and group basis. **Multimedia is required by students obtaining a Regents sequence in Business.**

VIDEO GAME MARKETING – 6195

Grades 9, 10, 11, 12

Half year - ½ credit

Prerequisite: Marketing and Advertising

Students will have a chance to create video games and market them effectively in this course. The course will develop students' conceptual base in marketing that was introduced in Marketing and Advertising. The 4 P's of marketing, including product, price, place, and promotion will be discussed with an emphasis on a video game as the product. Game Maker, a game developing program, and additional game design resources will be used to give students the opportunity to create their own games. The course will take a look at the knowledge, technology, and resources needed to design and market games in this interactive industry. **This course may be used towards obtaining a Regents sequence in Business.**

COLLEGE COURSES:

College Business Law – 6045

College Marketing – 6155

College Accounting I – 6080

College Business Management – 6245

College Accounting - 6070 (Full year I & II)

College Accounting II – 6072

Grades 11 and 12 Only:

The curriculum, which was written by members of our business education department, was approved by Adelphi University and is updated every three years. These courses will build upon the skills learned in other high school business courses and continue to enhance understanding of business principles and concepts. Students have the potential to earn six college credits for College Accounting and three credits per high school semester for each of the other college business courses offered. College credit can be obtained through Adelphi University's High School Program and is transferable to most colleges and universities. Please note, student may also opt out of receiving college credit. It is to be noted that we will grant college weight (1.06) to our College Courses.

Points of Information as per Adelphi University:

- The course will be offered at a reduced tuition rate of \$345 per course (subject to change), which is one semester in length. Please note as per Adelphi University the fee is non-refundable.
- Withdrawals are not permitted unless the student leaves school or is dropped from the course by administration.
- Students may register for up to two courses per semester.
- A failing grade does not automatically warrant a withdrawal.
- No new students may be added to the roster after the final registration date.
- All students must have a social security number to be enrolled.
- Registration takes place online at <https://class.adelphi.edu/hsp/>

ENGLISH

Below are typical English course selections for each grade. Students may move between levels based on their performance, skills, and prerequisites. Please contact the curriculum coordinator if you have any questions.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Required	Eng. 8	English 9R Or English 9H	English 10R Or English 10-11H (Pre – AP)	English 11R Or AP English Language	English 12R And English 12 Elective Or AP English Literature
Electives		Theater Arts I Creative Writing	Theater Arts I, II Creative Writing Journalism	Theater Arts I, II, III Creative Writing Ethics in Print Journalism	Film Appreciation* Myths & Legends* Creative Writing* Ethics in Print* Culture of the Sixties* Journalism* Greece & Rome Rediscov.* Theater Arts I, II, III, IV College Scene Study & Analysis

All seniors taking English 12 are required to take an additional English elective () for one semester.

All students first entering Grade 9 in the 2013-2014 school year or thereafter must sit for the new Regents Exam in ELA (Common Core), which is designed to be administered in grade 11 to meet graduation requirements.

ENGLISH 9 – 1100, 1110, 1140

Full year - 1 credit

Grade 9

Prerequisites: 1100 9R: Completion of eighth grade English
 1110 9H: Completion of eighth grade English and Honors Policy Applies
 1140 9CT: Completion of eighth grade English and CSE recommendation

The Grade 9 program emphasizes basic skills in reading, writing, speaking, listening, literature and language development, and meets the Common Core Learning Standards for English Language Arts. Students will study Shakespeare, classics, multicultural contemporary literature, and complete the components of the research paper writing process.

ENGLISH 10 – 1200, 1220, 1240

Full year - 1 credit

Grade 10

Prerequisites: 1200 10R: Completion of ninth grade English
 1220 10-11H (Pre-AP) Completion of ninth grade English and Honors Policy Applies
 1240 10CT: Completion of ninth grade English and CSE recommendation

The 10R program enhances and broadens students' basic skills in reading, writing, speaking, and listening. The programs promote the study of global literature including Shakespeare, classic, and contemporary works while meeting the Common Core Learning Standards for English Language Arts.

ENGLISH 10-11H (Pre-AP) – 1220

Full year - 1 credit

Grade 10

Prerequisite: Honors Policy Applies

The curriculum for the 10-11H (Pre-AP) class includes a mixture of Multicultural and American literature. The course emphasizes critical reading, writing and analysis of major works from select genres as well as the understanding of literary trends and historical settings. Students must engage in class discussion and debate, hone analyses skills and write thematically targeted papers.

ENGLISH 11 – 1300, 1340

Full year - 1 credit

Grade 11

Prerequisites: 1300 11R: Completion of tenth grade English

1340 11CT: Completion of tenth grade English and CSE recommendation

The 11th grade program extends and refines the language arts skills attained in Grades 9 and 10. A thematic and historical approach to the study of American literature is emphasized to promote a richer understanding of literary genres, writing styles, and critical analysis. This course will require analytical and creative expression through writing and to meet the requirements of the Common Core Learning Standards for English Language Arts. (Students will sit for the English Regents Exam in June).

English 12R – 1400

Half year – ½ credit

Grade 12

Prerequisite: Completion of eleventh grade English

This course is required for all seniors with the exception of AP English students and is aligned with the Common Core Learning Standards to ensure college and career readiness. The course will showcase a range of reading complex level texts. As a 12th grade course, it will include analysis of multiple interpretations of full-length works as a survey of British authors from medieval times to the early 20th century. Students will engage in reading exercises and practice close-text analysis; they will hone reading and writing to further develop skills related to literary analysis. All students will write a 2000-word research paper about a single piece or related pieces of literature, the literary movement, and follow the current MLA guidelines. (This project is a graduation requirement). Students will also develop their speaking skills by delivering a variety of oral presentations and engaging in Socratic seminars. This 12th grade course of study will be taught as a semester course.

AP ENGLISH LANGUAGE – 1390

Full year - 1 credit

Grade 11

Prerequisite: Honors Policy Applies

AP Language and Composition chronologically covers, but is not limited to, various periods in United States literature and history. The focus will be on students becoming skilled readers of prose written during a variety of historical periods and in rhetorical contexts. Their writing and reading will make them aware of the interactions among a writer's purpose, audience expectations, and subjects. Additionally, students will become aware of conventions and resources of language available to writers. Students will practice expository, analytical, and persuasive writing which forms the basis of academic and professional communication, as well as personal and reflective writing. This is a college-level course. Students will take the Advanced Placement Exam in May. Students will also sit for the English Regents Exam.

AP ENGLISH LITERATURE – 1420

Full year - 1 credit

Grade 12

Prerequisite: Honors Policy Applies

This is a college-level course primarily, but not exclusively, for students who completed AP Language and Composition in their junior year. AP Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students are asked to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, and symbolism. The course includes intensive study of works of various genres from the sixteenth century to the present. Students who select this class should be capable writers. Students will take the Advanced Placement Exam in May.

FILM APPRECIATION – 1646

Half year - ½ credit

Grade 12

Film Appreciation is aimed at increasing students' understanding of and experience with the creative process of filmmaking. Special attention is given to the historical background of films highlighting the music, culture, trends, personalities, and values of the time period surrounding its release. Classes critically evaluate a series of films of diverse genres through analysis of critics' reviews. They will complete journal entries and conduct a visual presentation. Students are also introduced to the basics of film production and screenwriting via a group short-subject film assignment. Finally, they will learn basic digital video filming, editing and authoring processes. **This course does not meet NCAA requirements for Division I & Division II eligibility.**

MYTHS AND LEGENDS: GODS, MEN AND MONSTERS – 1647

Half year - ½ credit

Grade 12

This senior elective course introduces fairytales, folktales, legends and myths. At its heart is the study of Greek and Roman mythology and emphasizes the sociological, historical, and anthropological knowledge that can be derived from universal, cross-cultural symbols and concepts. Students examine multiple myths and selected excerpts from The Iliad and The Odyssey to identify the enduring strengths and frailties of human nature. Classes will also study the Greek concepts of moderation, hubris, respect, fate, and perseverance as the foundations of mythmaking. Films, student-developed projects, and research will be used to enhance the readings. **This course does not meet NCAA requirements for Division I & Division II eligibility.**

GREECE AND ROME REDISCOVERED – 1900

Full year - 1 credit

Grade 12

This course is an interdisciplinary study of the cultures of the ancient Mediterranean. The course is dedicated to the study of Greek and Roman culture and to clarifying and assessing its continuing impact on contemporary life. Students will engage in an examination of history, archeology, art, architecture, philosophy, religion, science, politics, mythology, language, and especially the literature of Greece and Rome.

This large group lecture class will be co-taught by one social studies teacher and one English teacher. Assessments which include exams, quizzes, extensive essay writing, debate and exhibitions will be evaluated by both teachers. The successful completion of this year long course yields one elective credit (½ credit for social studies and ½ credit for English).

ETHICS IN PRINT – 1648

Half year - ½ credit

Grades 11, 12

This senior elective, designed to heighten students' oral, written, and reading comprehension skills, poses ethical questions that are relevant to college-bound adults. Potential topics for debate are elder care, CEO crime, nepotism and plagiarism, as well as topics derived from literature and ripped from the headlines of various print media. This course will allow students to focus on current, relevant issues and the gray lines that have been drawn by changing values in contemporary society. This topical course will help prepare students for business conversation and academic debate.

CULTURE OF THE SIXTIES – 1649

Half year - ½ credit

Grade 12

Students will study the culture of this turbulent and influential decade through the fiction, poetry, drama, music and films of the period. Artists covered include The Beatles, Bob Dylan, Simon and Garfunkel, Richard Brautigan, Tom Wolfe, Edward Albee, Mike Nichols and D.A. Pennebaker. Students will be required to research historical and artistic artifacts from the decade and to present their research in both written and visual form. **This course does not meet NCAA requirements for Division I & Division II eligibility.**

CREATIVE WRITING – 1641

Half year - ½ credit

Grades 9, 10, 11, 12

This course is for students who are interested in creative writing and who want to improve their writing skills. Students will be given the opportunity to publish their work in school and community publications. Students will analyze various creative writing techniques and study different writers and their styles. The course will inspire creativity, encourage revision, and promote individual style in a workshop setting. At the end of each semester, the students will have produced a portfolio that could be submitted to literary reviews and magazines.

ENGLISH AS A SECOND LANGUAGE – 9700

Grades 9, 10, 11, 12

The English as a Second Language program at Garden City High School serves students in grades 9-12 and follows the NYS Learning Standards for ESL. The program is designed to teach English to non-English speaking students from any and all language backgrounds. It is a progressive approach incorporating the four skills of language acquisition - listening, speaking, reading and writing. Emphasis is placed on the academic content areas so that at all levels of instruction, students are provided with the necessary language tools to help them succeed in the mainstream classroom.

JOURNALISM – 1291

Half year - ½ credit

Grades 10, 11, 12

This course is for students who are interested in journalism and who want to improve and enhance their writing skills. Students will read, review, and evaluate student and professional yearbooks, newspapers, news magazines and literary magazines as part of their regular course assignments.

READING FOR MEANING – 1050

Full year – alternate days

Grades 9, 10, 11, 12

This class is designed to meet the individual needs of its participants in a small group setting based on district criteria. Students receive instruction on strategies to help develop decoding/encoding skills, vocabulary via context clues, structural analysis skills, study skills, and basic grammar usage. In addition, several strategies will be presented to increase reading comprehension through the practice of reading narrative and informational texts for understanding.

THEATER ARTS I – 1500

Full year - 1 credit

Grades 9, 10, 11, 12

This introduction to the theater course meets the New York State standards in the performing arts. Areas of study include improvisation, pantomime, voice and diction, acting, scene study, theater history, principles of set, lighting, and costume design, make-up, elements of criticism, play production, and oral interpretation. Active participation in school productions is encouraged. **This course fulfills the New York State Regents requirement for one credit in art/music.**

THEATER ARTS II – 1510

Full year - 1 credit

Grades 10, 11, 12

Prerequisite: Theater Arts I

An advanced continuation of Theater Arts I, Theater Arts II will supplement the foundation established in that class. Prior theater topics will be reinforced and further developed in Theater Arts II. In addition, dramatic literature and the principles of directing will be introduced. Individual and group projects will be assigned in conjunction with Theater Arts III. Theater Arts II students will have experience coaching first-year students. Active participation in school productions is encouraged.

THEATER ARTS III – 1520

Full year - 1 credit

Grades 11, 12

Prerequisite: Theater Arts II

The third year of Theater Arts continues to enhance student knowledge of the performing arts. Students will be able to pursue independent projects in theater under teacher supervision and guidance. Theater Arts III students are expected to provide mentoring for first and second-year students. Independent study projects will be assigned and leadership positions in school productions are required.

THEATER ARTS IV – 1530

Full year - 1 credit

Grade 12

Prerequisites: Theater Arts III and teacher recommendation

This course is an advanced level of theater study where a student considers a continuation of theater training and demonstrates exceptional leadership qualities. Theater Arts IV will require that students act as teaching assistants, mentors, and coaches; they will establish quarterly goals. These include, but are not limited to, after school productions and conducting classroom lessons on some area of theater or stage management.

COLLEGE SCENE STUDY AND ANALYSIS - 1540

Half year – ½ credit - up to 2 college credits

Grade 11 & 12

Prerequisites: Completion of Theater Arts II or Theater Arts III

This course is a study of theater from the actor's point of view. This course is an intermediate acting class with an in-depth focus on scene study and play analysis. Expanding upon the basic ensemble-building and character investigations of Theater Arts I and II, the student works to intensify simple character investigation through analyzing, rehearsing and performing in partnered and multi-character scenes. College credit can be obtained through Adelphi University's Theater Department and is transferable to most colleges and universities. It should be noted that we will grant college weight (1.06) to this course.

To qualify for college credit, Adelphi University requires students to register in September and submit a fee of \$345 (subject to change).

Class Learning Goals

Student will: 1) Explore dramatic texts analytically to understand an assigned role's relationship other characters in the text; 2) Develop understanding of their chosen role within a larger context; 3) Practice interactive techniques through two- or multi-actor scenes; 4) Build upon Stanislavskian techniques for strong intention-building first experienced through monologue work done in previous Theater Arts classes.

HEALTH

HEALTH – 6410

Half year - ½ credit

Grade 10

This course places emphasis on the wellness approach to good health by stressing the need for balance in social, physical and emotional development. Health behaviors that can reduce personal risks are discussed and students gain access to valid health information, health products and services. Students are taught the importance of evaluating personal health risks. The importance of planning for a healthy future is highlighted and opportunities for self reflection on personal health issues and concerns are provided. Students participate in health related community service projects and in individual and group activities/assignments. This course is a requirement for graduation.

Health must be scheduled during the Fall/Spring semesters. Summer school is only available for students who do not pass the course during the school year.

MATHEMATICS

The Mathematics Department will complete the transition of the Common Core curriculum for New York State Mathematics program during the **2014-15** school year. The emphasis will be on Geometry. All of our course have been designed with a focus on our students and are consistent with the Regents requirements. In addition, the courses reflect the necessary components of the Common Core State Standards (CCSS) in preparation for the 2015 NYS Regents examinations in Algebra and Geometry. A new Algebra 2/Trigonometry Regents will be issued for June 2016. The appropriate placement in a mathematics course can have significant impact upon a student's academic success. Please contact the curriculum coordinator if you have any questions.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Algebra	Geometry H Or Geometry R	Algebra 2 H Or Algebra 2 R	Introduction to BC Calculus H Stat. through Sports AP Statistics Math 12R or 12H*	AP Calculus BC Stat. through Sports
Math 8	Algebra H Or Algebra R	Geometry H Or Geometry R	Algebra 2 H Or Algebra 2 R Or Math 3	Math 12R Or Math 12H Or AP Statistics Or Stat. through Sports Or Math 4
Electives	Mathematics Res. H Mathematical Problem Solving	Mathematics Res. H Mathematical Problem Solving	Mathematics Res. H Mathematical Problem Solving	Mathematics Res. H Stat. through Sports Mathematical Problem Solving

*Students may progress from Math 12H to AP Calculus BC with the permission of the department. Students will be required to take a college level introductory calculus class to prepare for AP Calculus – BC.

ALGEBRA H – 3112

Full year - 1 credit

Grade 9

Prerequisites: Completion of Math 8 and Honors Policy Applies

The New York State Common Core Algebra program, in association with selected enrichment topics, is melded to form the curriculum for this honors class. Instructional units include: operations with algebraic expressions, properties of polynomials, solving linear/quadratic equations, graphing equations and inequalities, solutions to systems of linear/quadratic equations and other coordinate topics. This course is very similar to the one offered to accelerated students in the eighth grade at the Garden City Middle School. It will only be offered when there are sufficient numbers of qualified ninth grade students. A graphing calculator (TI84+) will be used extensively in this course. This class will prepare students to take the Algebra 1 Regents examination in June 2016.

ALGEBRA R – 3117, 3127CT

Full year - 1 credit

Grade 9

Prerequisite: 3117 Algebra R Completion of Math 8
 3127 Algebra CT Completion of Math 8 and CSE recommendation

In this class, students will study the NYS Common Core Algebra syllabus of our three-year Mathematics Program. It contains units in the study of: algebraic expressions, solving linear and quadratic equations, graphing linear equations and inequalities, coordinate geometry, identification of roots (zeros) and their

significance. The use of a graphing calculator (TI84+) is an integral part of this course. The co-taught mathematics course (3125) also prepares students for the NYS Algebra 1 Regents as they will work closely with both the mathematics and special education teachers. Additional instructional support will be recommended by the faculty as needed. This class prepares students to take the NYS Algebra 1 Regents examination in June 2016. This examination is a requirement for a high school diploma.

ALGEBRA SUPPORT – 3130

Full year – alternate days

Grade 9

Prerequisites: Completion of Math 8 and faculty recommendation

This class meets on alternating days and generates a pass/fail grade. The goal of the course is to provide students with additional instruction to promote better mathematical understanding and practice.

GEOMETRY H – 3212

Full year – 1 credit

Grade 9

Prerequisites: Completion of Algebra and Honors Policy Applies

The New York State Common Core Geometry curriculum together with selected enrichment topics, constitutes the course content for this honors class. Instructional units include: logical reasoning, proof, indirect proof, perpendicular and parallel line properties, angle properties, triangle properties, circle properties, rigid motion, and 3-dimensional properties. Within this honors course, topics will be studied in greater depth and detail. A graphing calculator (TI84+) will be used extensively in this course. This class will prepare students to take the Geometry Regents examination in June 2016.

GEOMETRY R – 3217, 3227CT

Full year – 1 credit

Grade 10

Prerequisite: 3217 Geometry R Completion of Algebra
 3227 Geometry CT Completion of Algebra and CSE recommendation

The New York State Common Core Geometry curriculum, content for this class includes topics such as reasoning, formal proof, perpendicular and parallel line properties, angle properties, triangle properties, circle properties, rigid motion, and 3-dimensional properties. A graphing calculator (TI84+) will be used extensively in this course. This class will prepare students to take the CCSS Geometry Regents examination in **June 2016**. The co-taught mathematics course (3225) also prepares students for the NYS Geometry Regents as they will work closely with both the mathematics and special education teachers. Additional instructional support will be recommended by the faculty as needed. This examination is a requirement for a high school Regents diploma with distinction.

GEOMETRY SUPPORT- 3230

Full year – alternate days

Grade 10

Prerequisite: Completion of Algebra and faculty recommendation

Based upon departmental consideration, in conjunction with the Guidance Department and parents, student will be assigned to Geometry Support. This class will meet every-other day and will generate a pass/fail grade. The goal of the course is to provide identified students with additional instruction to promote better mathematical understanding.

ALGEBRA 2 H- 3312

Full year – 1 credit

Grades 10, 11

Prerequisites: Completion of Geometry and Honors Policy Applies

The New York State Common Core Algebra 2 curriculum, together with selected enrichment topics, constitutes the course content for this honors class. Instructional units include: solving quadratic and linear equations, factoring polynomial expressions, simplify complex fractional expressions, geometric and arithmetic sequences, infinite geometric series, transformational properties, logarithmic applications, polar graphs, statistical measures of dispersions, characteristics of normal distributions, and theoretical probabilities. Within this honors course, topics will be studied in greater depth and detail. A graphing calculator (TI84+) will be used extensively in this course. This class will prepare students to take the Algebra 2 Regents examination in June 2016.

ALGEBRA 2 R- 3317, 3327CT

Full year – 1 credit

Grades 10, 11

Prerequisite: 3317 Alg. 2/Trig. R Completion of Geometry
3327 Alg. 2/Trig. CT Completion of Algebra and CSE recommendation

The New York State Common Core Algebra 2 curriculum, content for this class includes topics such as quadratic and linear equations, factoring polynomial expressions, simplify complex fractional expressions, geometric and arithmetic sequences, transformational properties, statistical measures of dispersions, characteristics of normal distributions, and theoretical probabilities. A graphing calculator (TI84+) will be used extensively in this course. This class will prepare students to take the Algebra 2 Regents examination in June 2016. The co-taught mathematics course (3327) also prepares students for the NYS Algebra 2 Regents as they will work closely with both the mathematics and special education teachers. Additional instructional support will be recommended by the faculty as needed.

ALGEBRA 2 SUPPORT- 3330

Full year – alternate days

Grades 10, 11

Prerequisite: Completion of Geometry and faculty recommendation

Based upon departmental consideration, in conjunction with the Guidance Department and parents, student will be assigned to Algebra 2 Support. This class will meet every other day and will generate a pass/fail grade. The goal of the course is to provide identified students with additional instruction to promote better mathematical understanding.

MATH 3 – 3050

Full year - 1 credit

Grade 11

Prerequisite: Completion of Geometry or equivalent

The basic concepts of plane and solid geometry, the numerical application of trigonometry, and related algebra skills are taught in this course. Emphasis is placed upon real world applications. Topics studied in Math 3 include: parallel lines, angle measurements and applications, quadrilaterals, polygons, solving equations, distance, area, and volume. Graphing calculator technology will be an important component of this course. This course does not satisfy the NYS requirements for a Regents Diploma with Advanced Designation. However, if students take this course in 11th grade, it is suggested that they attempt Algebra 2 in their senior year, which does satisfy the third year Math requirement for the Advanced Designation.

MATH 4 – 3060

Full year - 1 credit

Grade 12

Prerequisite: Completion of Math 3 or equivalent.

Fundamental mathematics skills and concepts useful to the college bound student will be taught in this course. The instruction will emphasize the inter-relatedness of mathematics and real life applications. Topics include: sequences and series, statistics, analyzing data, linear and quadratic functions, selected intermediate algebra topics, and SAT review topics. Graphing calculator technology will be an integral part of this course.

MATH 12R – ADVANCED TOPICS IN MATHEMATICS – 3400

Full year - 1 credit

Grades 11, 12

Prerequisite: Completion of Alg. 2 or department approval

Math 12R is designed to reinforce and develop beyond the curriculum presented in Courses I, II, and III. Topics studied include: the review of functions, theory of equations, sequences and series, polar coordinates, exponential and logarithmic functions, conic sections, matrix operations and applications, probability, statistics, limits, continuity, and derivatives. Many of these topics are typical of those that a student might study in an introductory college mathematics course. This course is an essential prerequisite for college calculus. Graphing calculators are recommended for this course.

MATH 12H – TOPICS IN CALCULUS – 3470

Full year - 1 credit

Grade 12

Prerequisites: Completion of Alg. 2 Regents and Honors Policy Applies

*Students may progress from Math 12H to AP Calculus BC with the permission of the department. Students will be required to take a college level introductory calculus class to prepare for AP Calculus.

This full year course in the study of Calculus is designed to allow students the experience of college level mathematics without the detailed rigor (and stress) of the Advanced Placement program. The syllabus is very similar to that of the AB Calculus course; but topics are not covered in sufficient depth to enable students to take the AB Calculus Advanced Placement examination. The typical Math 12H student will have scored an 85 or higher on the Alg.2 Regents. Contained in this honors course are topics such as: limits, differentiation, elementary integration, and their applications. The use of a graphing calculator is an integral part of this course. A school constructed examination will be administered at the midterm and at the completion of the course. Math 12H is not a replacement course for Introduction to BC Calculus H. Math 12H is intended for graduating seniors. All other students must receive departmental permission.

INTRODUCTION TO BC CALCULUS H – 3600

Full year - 1 credit

Grade 11

Prerequisites: Completion of Alg. 2 H and Honors Policy Applies

Introduction to BC-Calculus is the first year of our two year program leading to Advanced Placement Calculus – BC level. This course serves a dual function – it provides a detailed introduction to the many necessary concepts of introductory calculus and it also prepares students with the skills required for the future study of Advanced Placement mathematics. Topics taught in this honors course include: mathematical functions, limits, coordinate geometry, the derivative and its application, review of algebra and trigonometry, conic sections, polar and parametric equations, methods of integration and common integral applications. The use of a graphing calculator is a critical part of this course since these calculators are required by the College Board for the AP Calculus examination. Students enrolled in this course will take a department constructed midterm and final examination to complete the year of study.

AP CALCULUS – BC – 3460

Full year - 1 credit

Grade 12

Prerequisites: Introduction to BC Calculus or department approval and Honors Policy Applies

AP Calculus is the continuation of our Introduction to BC Calculus course. The course is intended for students who have a thorough knowledge of analytic geometry and elementary functions in addition to college preparatory mathematics. All students in this course prepare to take the BC Calculus Advanced Placement examination in May. Calculus BC curriculum content is considerably more extensive than Calculus AB. The use of a graphics calculator is an integral part of this course and is required for the AP examination. All students enrolled in this course will take the AP examination in May 2016.

AP STATISTICS – 3580

Full year - 1 credit

Grades 11, 12

Prerequisites: Completion of Alg. 2 Regents or department approval and Honors Policy Applies

The Advanced Placement Statistics course is an option for any student who has successfully completed the Alg.2 Regents examination. The typical AP Stat student will have scored an 88 or higher on the Alg.2 Regents. At least one statistics course is typically required for college majors such as engineering, psychology, sociology, health science, and business. The AP Stat course is a good preparation for these areas of study. The use of a graphing calculator (TI-84+ is recommended) is a mandatory instructional tool for the course, and is required on the Advanced Placement examination. Topics studied include graphical displays, data collection methods, distributions of data, probability, and statistical inference. Students are expected to interpret case study scenarios and write a description of an appropriate conclusion. All students enrolled in this course will take the Advanced Placement Statistics examination in May 2016.

MATHEMATICS RESEARCH H – 3740

Full year - 1 credit

Grades 9, 10, 11, 12

Prerequisites: Department approval and Honors Policy Applies

Candidates admitted into the Honors Mathematics Research Program independently study a variety of topics that are not normally found in a secondary school program. Although there is no designated class time for this program during the school day, participants are expected to attend meetings, conferences and seminars, to produce individual and group projects suitable for presentation, and to keep a portfolio. Students may submit projects in competitions such as the Long Island Mathematics Fair or the Intel Talent Search. In order to sufficiently pursue a topic in detail, the directors of the program would like to encourage students to participate for more than one year. Students will receive credit for each year of participation.

STATISTICS THROUGH SPORTS – 3590

Half year - ½ credit

Grades 11, 12

Prerequisite: Completion of Alg. 2

During this half year course, students will conduct various statistical studies by analyzing data from many different sports and activities. The data will be organized into a spread sheet and evaluated mathematically to draw various conclusions. Statistical theory and skills will be developed using innovative research associated with various sports. Students will make extensive use of Microsoft Excel and other statistical software.

As an example, at the conclusion of the exploratory data analysis unit and within a baseball context, a student might conduct a study to find out what percent of batters that walk to leadoff an inning eventually score for a particular team over the course of an entire season. Additionally, students will examine unique statistical algorithms to analyze athletic performance. Students will also get hands-on experience at business management

skills in a fantasy sports format as they study hypothesis-testing theories. They will create their own sports team and use mathematical modeling techniques to assist the decision-making process. The role that mathematics and statistics plays in sports, including ranking schemes, player assessment and statistical comparisons across eras, presents many exciting investigations for the sports and statistics enthusiasts!

MATHEMATICAL PROBLEM SOLVING – H - 3750

Half year – ½ credit

Grades 9, 10, 11 and 12
Honors Policy Applies

This is the perfect class for students interested in mathematical contests, tricky problems and logical puzzles. Students will learn how to integrate a variety of mathematical topics and develop the clever problem-solving strategies to attack the types of exercises often found on the American Mathematics Contest (AMC 10/12) examination. This course will be offered during the Fall Term in preparation for the national AMC contest (typically held in February). Taught through a thinking-skills perspective, Mathematical Problem Solving will include content topics from algebra, geometry, trigonometry, probability and statistics.

COMPUTER SCIENCE

The computer science electives are continuously reviewed and modified to reflect current trends in the academic study of technology and computational language. The courses we offer emphasize the logic and structure of computer languages such as Visual Basic, Java, and HTML. It is the department's perspective that today's students should know more than just how to use software – they should understand the concepts behind the software.

Grade 9	Grade 10	Grade 11	Grade 12
Intro to Visual Basic Adv. Visual Basic H Web Program and Des. Adv. Website Design Adv. Program. – Java H	Intro to Visual Basic Adv. Visual Basic H Web Program and Des. Adv. Website Design Adv. Program. – Java H AP Computer Science	Intro to Visual Basic Adv. Visual Basic H Web Program and Des. Adv. Website Design Adv. Program. – Java H AP Computer Science	Intro to Visual Basic Adv. Visual Basic H Web Program and Des. Adv. Website Design Adv. Program. – Java H AP Computer Science

INTRODUCTION TO VISUAL BASIC – 3800

Half year - ½ credit

Grades 9, 10, 11, 12

This project-based course utilizes the language Visual Basic to focus upon the logic and structure of a computer program. This computer language is the medium through which these concepts are introduced and developed. In an environment that fosters individualized instruction, students learn to design their own program and develop independent projects. Topics taught in this course include variable types, array structure, looping techniques, subroutines, and graphical output. Visual Basic is the backbone of numerous Windows applications and is often a required course for undergraduate engineering majors.

ADVANCED VISUAL BASIC H – 3810

Half year - ½ credit

Grades 9, 10, 11, 12

Prerequisite: Introduction to Visual Basic and Honors Policy Applies

This course is a continuation of Visual Basic-R. Emphasis in this course is placed upon structured coding, data access, function application and the storage of data. Students work on projects which typically are more elaborate and detailed than those found in Visual Basic R. Visual Basic is the backbone of numerous Windows applications and is often a required course for undergraduate engineering majors. This course is offered **only** in the spring and will **only** be available if there is sufficient enrollment.

WEBSITE PROGRAMMING AND DESIGN – 3821

Half year - ½ credit

Grades 9, 10, 11, 12

This half year computer science elective will help students to better understand the structure of the Internet. Students will learn how to write code with HTML to design and maintain a web site. Topics presented in this course will include: ethical issues of the internet, history of the internet, security concerns, appropriate e-mail usage and legal issues associated with e-mail, web page architecture, and web-page design concepts. Students will develop web sites that are published on the Garden City High School Internet web server and can be found via a link on the high school math department's webpage.

ADVANCED WEBSITE DESIGN – 3822

Half year - ½ credit

Grades 9, 10, 11, 12

Recommended Prerequisite: Website Programming and Design

The Advanced Website Design course is a continuation of our Website Programming and Design course. This course will address more sophisticated topics such as using and writing javascripts, creating forms, creating style sheets, *Flash* programming, and *Flash* applications. Students will complete a variety of assigned projects which will then be published on the Garden City High School Internet web server and can be found via a link on the high school math department's webpage.

ADVANCED PROGRAMMING – JAVA H – 3560

Half year - ½ credit

Grades 9, 10, 11, 12

Recommended Prerequisite: Introduction to Visual Basic and Honors Policy Applies

This course provides a structured approach to the Java language. Java has become industry standard for college and professional programming applications. Java is currently the language employed by the Advanced Placement Computer Science program. A structured programming style will be utilized in the instruction of this course. *Advanced Programming - Java* is a prerequisite course for the Advanced Placement Computer Science examinations. Additionally, Java is often associated with internet and web-based applications. Java is frequently a required computer language for undergraduate engineering majors.

AP COMPUTER SCIENCE – 3500

Full year - 1 credit

Grades 10, 11, 12

Recommended Prerequisite: Advanced Programming – Java H

This Advanced Placement course emphasizes structured programming techniques using high-level languages. Applications include data structures, lists, algorithms, and a case study in data management. Also includes a study of hardware, software and the role of the computer in society. Students enrolled in this course prepare to take the Advanced Placement Computer Science - Level A examination in May 2016. The Advanced Placement examination developed by the College Board will utilize the programming language Java. Therefore, it is recommended that students take our Advanced Programming – Java prior to this Advanced Placement course. This course will be offered during the 2015-2016 school year and will run pending sufficient enrollment. Please note that this course is only offered every other year.

MUSIC AND PERFORMING ARTS

Garden City High School offers a wide variety of creative outlets within its award winning Music Department. Listed below are the courses available to students for each grade level. Please note, music courses require prerequisite ensemble experience, auditions, and/or the recommendation from the department. Please contact the curriculum coordinator if you have any questions.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Chorus Band Orchestra Electronic Music Guitar	Concert Choir Music Theory I Music Theory II Orchestra Symphonic Band Theater Arts I	Concert Choir Women's Chorus Chamber Choir Music Theory I Music Theory II Orchestra Symphonic Band Wind Symphony Theater Arts I Theater Arts II	Concert Choir Women's Chorus Chamber Choir Music Theory I Music Theory II AP Music Theory Orchestra Wind Symphony Wind Ensemble Theater Arts I Theater Arts II Theater Arts III	Concert Choir Women's Chorus Chamber Choir Music Theory I Music Theory II AP Music Theory Orchestra Wind Symphony Wind Ensemble Theater Arts I Theater Arts II Theater Arts III Theater Arts IV
<u>Before or after school ensembles</u>	<u>After school ensembles:</u>	<u>After school ensembles:</u>	<u>After school ensembles:</u>	<u>After school ensembles:</u>
AM Jazz *	Jazz Ensemble *	Chamber Orchestra*	Chamber Orchestra*	Chamber Orchestra*
Late Night Jazz*	Marching Band*	Marching Band*	Marching Band*	Marching Band*
Festival Chorus* (AM)	Vocal Jazz *	Jazz Ensemble*	Jazz Ensemble*	Jazz Ensemble*
		Vocal Jazz*	Vocal Jazz*	Vocal Jazz*

***Ensembles that meet outside of regular school hours and/or school days**

The following day time performing groups can fulfill the New York State graduation requirement for one credit in music. They may also be used towards obtaining a unit Regents sequence in music. AP Music Theory must be taken if obtaining the Regents sequence in music. **Please note: all students participating in performance ensembles are required to attend three pull-out lessons each quarter. The lessons contribute to 20-30% of the student's grade. Although students have selected a pre scheduled time for lessons during the school day, there are numerous opportunities to attend lessons before school, during their lunch period or another agreed upon make-up time if students have conflicts.**

CONCERT CHOIR – 8020

Full year - 1 credit

Grades 9, 10, 11, 12

Admission to Concert Choir is open to all students who are interested in studying voice and performing in a large ensemble. The Concert Choir is the largest choral ensemble in the high school. Students' progress through a curriculum that includes basics of proper vocal technique, tone production, sight-singing, and music literacy while preparing music of a wide variety of styles for performances. Students learn the basic elements of music, such as rhythm-reading, key signatures, time signatures and identifying the letter names of notes on the treble and bass clef. Students also learn to sight-sing using solfege and accompanying Curwen hand signs. The instructional program requires students to participate in both the daily full rehearsals and smaller lesson groups which are scheduled periodically on a rotating basis. Attendance is mandatory at specified concerts, as

well as dress rehearsals. There are also a number of additional performance opportunities in the community and the region. Some years include the possibility of participation in overnight performance field trips. Students are encouraged to study voice or piano privately, and to perform NYSSMA solos which can lead to selection for All-County, All-State, or All-Eastern Chorus. Students in Concert Choir are eligible to audition for Vocal Jazz Ensemble, a credit course that meets once a week outside of the regular school day. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.**

Honors credit is available for students in grades 10, 11 and 12 who have already completed one year in a GCHS music performance class. Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the yearlong requirements.

CHAMBER CHOIR – 8050

Full year - 1 credit

Grades 10,11,12 Please note: On occasion, when there is an ensemble need, 9th grade students may be admitted by department invitation only.

Prerequisite: Audition and approval of the department. The class size is limited to a balanced ensemble.

Chamber Choir is a select ensemble of mixed voices, which performs advanced vocal repertoire of a variety of styles. The instructional program requires students to participate in both the daily full rehearsals and smaller lesson groups which are scheduled periodically on a rotating basis. Attendance is mandatory at specified concerts, as well as dress rehearsals. Performance oriented field trips and other enrichment opportunities may be provided. Students are strongly encouraged to study voice or piano privately, and to perform NYSSMA solos which can lead to selection for All-County, All-State, or All-Eastern Chorus. Students in Chamber Choir are eligible to audition for the Vocal Jazz Ensemble, a credit course that meets twice a week outside of the regular school day. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.** Honors credit is available for students in grades 10, 11 and 12 who have already completed one year in a GCHS music performance.

Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the yearlong requirements.

WOMEN’S CHORUS – 8060

Full year - 1 credit

Grades 10,11,12 Please note: On occasion, when there is an ensemble need, 9th grade students may be admitted by department invitation only.

Prerequisite: Audition and approval of the department. The class size is limited to a balanced ensemble.

Women’s Chorus is a select ensemble of female voices, which performs advanced vocal repertoire of a variety of styles. The instructional program requires students to participate in both the daily full rehearsals and smaller lesson groups which are scheduled periodically on a rotating basis. Attendance is mandatory at specified concerts, as well as dress rehearsals. Performance oriented field trips and other enrichment opportunities may be provided. Students are strongly encouraged to study voice or piano privately, and to perform NYSSMA solos which can lead to selection for All-County, All-State, or All-Eastern Chorus. Students in Women’s Chorus are

eligible to audition for Vocal Jazz Ensemble, a credit course that meets twice a week outside of the regular school day. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.** Honors credit is available for students in grades 10, 11 and 12 who have already completed one year in a GCHS music performance.

Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the yearlong requirements

ORCHESTRA – 8140

Full year - 1 credit

Grades 9, 10, 11, 12

Prerequisites: Audition and approval of the department, and successful experience in the 8th Grade Orchestra (or equivalent school ensemble if student is new to the district).

The String Orchestra rehearses daily throughout the year. The repertoire represents a diversity of traditional, contemporary and multicultural music. In addition to the daily rehearsals, attendance is mandatory at group lessons, dress rehearsals, assemblies and concerts. Students are encouraged to take private lessons and to perform NYSSMA solos that can lead to selection for the Long Island String Festival, All-County and All-State Orchestras. Students enrolled in Orchestra may participate in performance-oriented field trips. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.**

Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the yearlong requirements.

SYMPHONIC BAND – 8125

Full year - 1 credit

Grades 9, 10

Prerequisites: Audition and approval of the department and satisfactory evaluation of the student's participation in the 8th Grade Band (or equivalent school ensemble if student is new to the district). Students must also meet the performance criteria outlined in the "Band Program Guide." The class size is limited to a balanced ensemble. Students in grades 11 and 12 may be admitted under special circumstances at the discretion of the department.

The Symphonic Band is a large, intermediate instrumental ensemble in which students perform important standard and contemporary works of the wind band repertoire. This is achieved through participation in both the daily full ensemble rehearsals and smaller lesson groups which are scheduled periodically on a rotating basis. Students must meet the performance criteria outlined in the "Band Program Guide" (available for review through the Music Department). In this course, students will begin to explore more advanced literature and must meet the technical and musical demands of **NYSSMA Levels 4 repertoire**. They are expected to demonstrate mastery of their instruments and comprehensive musicianship as it pertains to tone quality, balance, blend, and intonation. Stringent attendance requirements are maintained. Students are strongly encouraged to study privately and to perform NYSSMA solos that can lead to selection to the All-County, All-State or All-Eastern Band or Orchestra. Attendance is mandatory at all specified performances and rehearsals. Performance oriented field trips and other enrichment opportunities are also offered. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.**

Honors credit is available for grades 10-12. Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the year long requirements.

WIND SYMPHONY – 8315

Full year - 1 credit

Grades 10, 11, 12

Prerequisites: Approval of the department and demonstrated mastery of the Symphonic Band course requirements and successful experience during the prior school year in the Symphonic Band (or equivalent school ensemble if student is new to the school or district). Students must also meet the performance criteria outlined in the “Band Program Guide.” The class size is limited to a balanced ensemble of approximately 60 members. Students in grade 9 may be admitted based upon instrumentation needs, a successful audition process, and at the discretion of the department.

The Wind Symphony is a progressive ensemble designed to further challenge accomplished and devoted wind and percussion players. Stringent attendance requirements are necessary. Students are expected to maintain the highest performance standards at all times while meeting the technical and musical demands of NYSSMA level 5 repertoires. They are strongly encouraged to study privately and to perform NYSSMA solos that can lead to selection to the All-County, All-State or All-Eastern Band or Orchestra. Attendance is mandatory at all specified performances and rehearsals. Students are expected to participate in the performance oriented field trips and other enrichment opportunities that are offered by the music department. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.**

Honors credit is available for grades 10-12. Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the year long requirements.

WIND ENSEMBLE – 8300

Full year - 1 credit

Grades 11, 12

Prerequisites: Audition and approval of the department and successful experience during the prior school year in the Symphonic Band or Wind Symphony (or equivalent school ensemble if student is new to the school or district). Students must also demonstrate mastery of the performance criteria outlined in the “Band Program Guide.” The class size is limited to a balanced ensemble of approximately 45 members. Students in grades 9 and 10 may be admitted based upon instrumentation needs, a successful audition process, and at the discretion of the department.

The Wind Ensemble is the smallest, most advanced ensemble of the band program in which the most dedicated and proficient student wind and percussion players perform important standard and contemporary works of the wind band repertoire. This is achieved through participation in both the daily full ensemble rehearsals and smaller lesson groups which are scheduled periodically on a rotating basis. Enrollment is limited to the instrumentation needs of the ensemble, with often only one player per part, to those students who meet the performance criteria outlined in the “Band Program Guide” (available for review through the Music Department), and the demands of a rigorous audition process. Stringent attendance requirements are necessary.

Students are expected to maintain the highest performance standards at all times as much of the repertoire is at NYSSMA level 6. They are strongly encouraged to study privately and to perform NYSSMA solos that can lead to selection to the All-County, All-State or All-Eastern Band or Orchestra. Attendance is mandatory at all specified performances and rehearsals. Students are expected to participate in the performance oriented field trips and other enrichment opportunities that are offered by the music department. **This course fulfills the New York State graduation requirement for one credit in music and may be used towards obtaining a Regents sequence in music.**

Honors credit is available for grades 10-12. Students in grades 10-12 wishing to receive honors credit must complete an extensive, ongoing special project, or series of projects, approved by their ensemble teacher. They will enter into a contract with the teacher specifying the nature and requirements of the project(s) to be completed during the first three quarters. All honor students must maintain a minimum grade of 92% and perform before a faculty jury at the end of the year. Honors credit will be awarded only after the fulfillment of the yearlong requirements.

MUSIC THEORY I – 8510

Half year – ½ credit

Grades 9, 10, 11, 12

Music Theory is an elective music course designed for students who wish to gain an understanding of the basic rules and principles involved in using the language of music. This half year knowledge based elective music course will help students to increase their ability to analyze music aurally and visually and will fulfill a primary prerequisite toward the development of musical skills in composing, arranging, harmonizing, and improvising music. The course makes use of music computer technology, and includes training in software such as Sibelius (notation) and Band-in-a-Box (accompaniment).

Music Theory is recommended for students interested in pursuing music as a career beyond high school and/or students who have a serious interest in learning more about the theoretical study of music and composition. **This course is required by students obtaining a Regents sequence in music.**

MUSIC THEORY II – 8520

Half year – ½ credit

Grades 9, 10, 11, 12

Prerequisite: Music Theory I

Music Theory II is an elective music course that provides a way for students to explore the concepts discussed in Music Theory I in more detail. Students in Music Theory II will relate the skills developed in Music Theory I to real world examples and projects. Students will begin to compose music and continue to develop their ear. **This course is required by students obtaining a Regents sequence in music.**

AP MUSIC THEORY – 8530

Full year - 1 credit

Grades 11, 12 (Not offered in 2016-2017)
10th graders may be admitted by department invitation only.

Prerequisite: Music Theory I or approval of the department

AP Music Theory is a college level music course that studies not only the *what* and *how* of music structure, but also engages in the more ambitious questions of *why* and *what if*. Skills ranging from sight-singing and aural recognition to visual analysis and composition form the curriculum. Students in this course work to develop a “seeing ear” and a “hearing eye” in preparation for the AP exam. The course builds on the use of music computer technology learned in Theory. All students enrolled in this course will take the AP Music Theory Examination in May. **This course is required by students obtaining a Regents sequence in music.**

THEATER ARTS I – 1500

Full year - 1 credit

Grades 9, 10, 11, 12

This introduction to the theater course meets the State standards in the performing arts. Areas of study include improvisation, pantomime, voice and diction, acting, scene study, theater history; principles of set, lighting, and costume design; make-up, elements of criticism, play production, and oral interpretation. Active participation in school productions is encouraged. **This course fulfills the New York State graduation requirement for one credit in art/music.**

THEATER ARTS II – 1510

Full year - 1 credit

Grades 10, 11, 12

Prerequisite: Theater Arts I

An advanced continuation of Theater Arts I, Theater Arts II will supplement the foundation established in that class. Prior theater topics will be reinforced and further developed in Theater Arts II. In addition, dramatic literature and the principles of directing will be introduced. Individual and group projects will be assigned in conjunction with Theater Arts III. Theater Arts II students will have experience coaching first-year students. Active participation in school productions is encouraged.

THEATER ARTS III – 1520

Full year - 1 credit

Grades 11, 12

Prerequisite: Theater Arts II

The third year of Theater Arts continues to enhance student knowledge of the performing arts. Students will be able to pursue independent projects in theater under teacher supervision and guidance. Theater Arts III students are expected to provide mentoring for first and second-year students. Independent study projects will be assigned and leadership positions in school productions are required.

THEATER ARTS IV – 1530

Full year - 1 credit

Grades 12

Prerequisites: Theater Arts III and teacher recommendation

This course is an advanced level of theater study where a student considers a continuation of theater training and demonstrates exceptional leadership qualities. Theater Arts IV will require that students act as teaching assistants, mentors, and coaches; they will establish quarterly goals. These include, but are not limited to, after school productions, and conducting classroom lessons on some area of theater or stage management.

COLLEGE SCENE STUDY AND ANALYSIS - 1540

Half year – ½ credit - up to 3 college credits

Grade 11 & 12

Prerequisites: Theater Arts II or Department Approval

This course is a study of theater from the actor's point of view. The curriculum, which was a collaboration of the English/Theater Arts department, has been approved by Adelphi University. This course will be an intermediate acting class with an in depth focus on scene study and play analysis. Students will further enhance their understanding of acting terminology; the parts of a stage and theatre; expertise of scene and monologue practice; as well as, advance techniques to create character biographies, perform scenes and develop improvisational acting skills.

The following afterschool performance opportunities are available for students enrolled in a day-time music class who wish to enhance his/her musical experience.

VOCAL JAZZ ENSEMBLE – 8540

Full year – 1 credit

Grades 9, 10, 11, 12

Prerequisites: Audition and approval of the department. Students enrolled in this course must also be members in good standing in one of the high school's music performance classes (band, orchestra, or chorus) that meet daily.

The Vocal Jazz Ensemble is a select ensemble in which students explore various styles of traditional and contemporary jazz literature. Rehearsals are normally held one afternoon or evening per week, and at various other times when necessary. Therefore, stringent attendance requirements are maintained. Members of the Jazz Ensemble are expected to perform at wide variety of functions, including concerts, assemblies, and performance oriented field trips. Grades are issued on a pass/fail basis.

CHAMBER ORCHESTRA – 8562

Full year – ½ credit

Grades 10, 11, 12

Prerequisites: Audition and approval of the department. Students must also be members in good standing in the daily Orchestra class.

Chamber Orchestra is a course for advanced string students, NYSSMA Levels IV-VI, which provides instruction and experience in a smaller chamber orchestra setting. In order to be eligible for the course, students must be enrolled in orchestra. The course meets one day per week after school and at various other times when necessary. Students must be available to perform at concerts, assemblies, and other functions during and outside the school day. Grades are issued on a pass/fail basis.

JAZZ ENSEMBLE – 8200

Full year – 1 credit

Grades 9, 10, 11, 12

Prerequisites: Audition and approval of department. Students enrolled in this course must also be members in good standing in a music performance class that meets daily (except where not applicable to a specific instrument).

The Jazz Ensemble is a select ensemble in which students explore various styles of traditional and contemporary jazz literature. Solo performance, improvisation, music theory and critical listening are an integral part of this course. Rehearsals are generally held one day per week after school, and at various other times when necessary. Therefore, stringent attendance requirements are maintained. Students are graded on their ability to demonstrate appropriate progress while attending all scheduled rehearsals and functions. Members of the Jazz Ensemble are expected to perform at wide variety of functions, including concerts, assemblies, and performance oriented field trips. Grades are issued on a pass/fail basis.

MARCHING BAND – 8580

Full year - 1 credit

Grades 9, 10, 11, 12

The Marching Band is an organization that combines precision, corps style marching and choreography to produce intricate visual and musical productions. Band members perform in a wide array of events including local parades, home football games, and competitions throughout the tri-state area. They have also performed at such prestigious venues as Shea Stadium, Met Life Stadium, Disney World, and the Carrier Dome. The primary

season for the Marching Band is in September and October when it rehearses 2 evenings per week with additional rehearsals and performances on Saturdays and occasional Sundays. There are also once a week rehearsals held during the off-season. Since shows are designed for the exact number of participants, stringent attendance requirements must be maintained at all scheduled practices and rehearsals, including the two week long summer band camp at the end of August. In this unique performance setting, all students are starters and soloists; even one person missing can hinder the group effort. Therefore, they must commit themselves to the schedule of events on the same level that they would with any varsity level sport.

Though it is recommended for students, especially freshman, to be simultaneously enrolled in both Marching Band and a daytime music class, any student can participate in Marching Band with prior approval from the instructor. Students may participate in the marching band on their major wind or percussion instrument or can learn modern dance and flag choreography with the color guard. The marching band also provides unique opportunities for non-percussionists to learn the art of field drumming and percussion. Its presence on the academic transcript is a very impressive inclusion to most colleges and universities throughout the country. Grades are issued on a pass/fail basis.

Any student that is not enrolled in a day-time music class must obtain approval from Marching Band instructor to enroll.

PHYSICAL EDUCATION

PHYSICAL EDUCATION – 9010, 9020

Grades 9 and 10
Grades 11 and 12

Full year - ½ credit
Full year - ½ credit

The physical education program is designed to empower all students. It is based on physical activities in which every student is challenged and given the opportunity to be successful. In grades 9-10, the activities are primarily instructional with a major emphasis being placed on personal fitness and lifetime wellness. In the upper grades (11-12) the program is more activity oriented. It is arranged to enable each student to become physically educated in a variety of sports and lifetime activity.

Personal fitness/wellness is based on the balance of behaviors and actions that enhance good health, quality of life, and well being. In physical education, the fitness/wellness component includes physical fitness and is taught as a unit of instruction or found within the context of various physical activities at all four levels. Students gain an understanding of the related fitness. They also realize that a physically active lifestyle addresses various wellness components such as disease risk reduction and is a natural resource for maintaining the quality of life and well being. In addition, positive social involvement and interaction are emphasized in all class activities and at all levels.

Grades in Physical Education are based on our five part rubric detailing the grading criteria. Quarterly points are based on personal and social responsibility, overall improvement, participation and effort, preparation and attendance, content knowledge, and skill assessment. It is a New York State requirement that students pass physical education in order to meet graduation requirements.

ADAPTIVE PHYSICAL EDUCATION – 9050

Full year - ½ credit

When a student cannot safely or successfully engage in unrestricted participation in the activities of the regular program, he or she will participate in an adapted or modified physical education program. A certified physical education teacher will supervise these activities. It is anticipated that each child with a temporary or permanent disabled condition will participate in physical education to the degree that he/she is able based upon the medical recommendation of both the child's physician and district medical examiner.

Two or three of the following activities are offered each quarter in Physical Education and are as follows:

First Quarter

Goal Setting
Tennis
Volleyball
Fitness Activities
Touch Football
Golf
Cross Country
Walking/Jogging
Project Adventure
Mountain Biking
Rugby

Second Quarter

Basketball
Volleyball
Badminton
Paddleball
Team Handball
Fitness Activities
Weight Training
Wellness Training
Project Adventure
Backpacking
Pilates
Yoga

Third Quarter

Basketball
Fitness Activities
Volleyball
Floor Hockey
Badminton
Paddleball
Box Lacrosse
Weight Training
Project Adventure
Roller Blading
Pilates
Yoga
Snowshoeing

Fourth Quarter

Softball
Track and Field
Fitness Activities
Tennis
Golf
Volleyball
Project Adventure
Mountain Biking
Orienteering
Kayaking

SCIENCE AND TECHNOLOGY

Below are typical Science and Technology course selections for each grade. Students may move between levels based on their performance, skills, and prerequisites. The appropriate placement in a science course can have a significant impact upon a student's academic success. Please contact the curriculum coordinator if you have any questions.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Gen. Sci. 8	Earth Science R	Living Environment R Or Living Environment H	Chemistry R Or Chemistry H Or Conceptual Chemistry	Physics R Or Physics H Or Science Electives
Earth Science R	Living Environment R Or Living Environment H	Chemistry R Or Chemistry H	Physics R Or Physics H	Science Electives
Electives	Freshmen Science Research H PLTW Pathway to Engineering: Design and Drawing for Production (DDP)	Science Research Seminar 1H AP Environmental Science PLTW Pathway to Engineering: Design and Drawing for Production (DDP) PLTW Pathway to Engineering: Principles of Engineering (POE)	Science Research Seminar 1H Intermediate Science Research 2H Anatomy & Physiology Nutrition Forensic Science Oceanography AP Biology AP Chemistry AP Environmental Science PLTW Pathway to Engineering: Principles of Engineering (POE)	Science Research Seminar 1H Intermediate Science Research 2H Advanced Science Research 3H Anatomy & Physiology Nutrition Forensic Science Oceanography AP Biology AP Chemistry AP Environmental Science AP Physics C

EARTH SCIENCE R – 4100, 4105

Full year - 1 credit

Grade 9

Prerequisites: 4100: Completion of eighth grade science
4105 CT: Completion of eighth grade science and CSE recommendation

This course approaches the study of Earth Science from a conceptual and empirical point of view. All major aspects of astronomy, geology, and meteorology are studied. The class meets once a day with an extra lab period every other day. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Earth Science Regents Examination will be administered at the end of the course.

LIVING ENVIRONMENT H – 4210

Full year - 1 credit

Grades 9, 10, 11, 12

Prerequisite: Completion of Earth Science and Honors Policy Applies

This course is designed for the science oriented, high achieving student who may be considering a career in science. The NYS Living Environmental Syllabus forms the foundation of this course. However, the honors

curriculum covers concepts in greater depth and detail. The course involves advanced readings in order to strengthen reading and comprehension across the curriculum, and to better prepare students for future AP courses and the SAT subject test. Areas of concentration include: research skills, scientific inquiry, biochemical aspects of modern biology, cells, genetics, evolution, ecology, human anatomy and physiology. The class meets once a day with an extra lab period every other day. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Living Environment Regents Examination will be administered at the end of the course.

LIVING ENVIRONMENT R – 4200, 4205

Full year - 1 credit

Grades 9, 10, 11, 12

Prerequisites: 4200: Completion of Earth Science
4205 CT: Completion of Earth Science and CSE recommendation

This class covers the NYS Living Environment syllabus. Instruction is focused on understanding important relationships, processes, mechanisms, and applications of important biological concepts. Areas of concentration include: scientific inquiry, research skills, graphing and analysis, biochemistry, cells, genetics, evolution, ecology, human anatomy and physiology. The class meets once a day with an extra lab period every other day. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Living Environment Regents Examination will be administered at the end of the course.

CHEMISTRY H – 4310

Full year - 1 credit

Grades 10, 11, 12

Prerequisites: Completion of Earth Science and Living Environment, Honors Policy Applies and teacher recommendation is suggested, high level of math, reading and writing skills

“Theoretical Chemistry” is a rigorous treatment of this science with a quantitative emphasis. This course is designed for the high ability science/mathematics student. The class meets once a day with an extra lab period every other day. Extensive written laboratory reports are required. The Chemistry Regents examination terminates the course. Very strong math skills are especially important for the course. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Chemistry Regents Examination will be administered at the end of the course.

CHEMISTRY R – 4300, 4305

Full year - 1 credit

Grades 10, 11, 12

Prerequisites: 4300: Completion of Earth Science and Living Environment
4305CT: Completion of Earth Science and Living Environment, and CSE recommendation

The Regents Chemistry program is designed to meet all the requirements of the State curriculum. The course deals with all areas of inorganic, physical, and nuclear chemistry in a qualitative and quantitative manner. The class meets once a day with an extra lab period every other day. Written laboratory reports are required by the NYS. The Chemistry Regents examination terminates the course. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated. The Chemistry Regents Examination will be administered at the end of the course.

CONCEPTUAL CHEMISTRY – 4350

Full year - 1 credit

Grades 11, 12

Prerequisites: Successful completion of Earth Science and Living Environment

This course is designed for the student who needs to take a third year of science to meet state graduation requirements. The course is activity based and deals with the role chemistry plays in our everyday lives. The course meets five times a week. Conceptual chemistry is an excellent alternative for students who struggle in the physical sciences and in mathematics.

PHYSICS H – 4410

Full year - 1 credit

Grades 11, 12

Prerequisites: Successful completion of Earth Science, Living Environment, and Chemistry
Honors Policy Applies

This course is intended for students who plan to take an AP science course or who intend to study science or engineering in college. It is strongly recommended that students successfully complete Math 3R prior to taking this course. Students may take Physics H concurrently with AP Biology or AP Chemistry. The course is designed for the student with exceptional ability. The Physics Regents syllabus forms the foundation of the course, but the Honors syllabus covers concepts in greater detail with a significantly more rigorous mathematical treatment. The class meets once a day with an extra lab period every other day. Written laboratory reports are required. The Physics Regents Examination terminates the course. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Physics Regents Examination will be administered at the end of the course.

PHYSICS R – 4400

Full year - 1 credit

Grades 11, 12

Prerequisites: Completion of Earth Science, Living Environment, and Chemistry

The course covers the Physics Regents syllabus. The fields of mechanics, electricity, wave motion, and modern physics are explored. Facility with the mathematical aspects of physics is expected. The class meets once a day with an extra lab period every other day. Lab reports documenting the completion of at least 1200 minutes of hands-on activities are mandated by NYS. The Physics Regents Examination will be administered at the end of the course.

ADVANCED PLACEMENT (AP) SCIENCE COURSES

These advanced courses offer mature, in-depth handling of scientific principles involved. They are structured to parallel and satisfy the objectives of college-level courses. A summer assignment is required for all students entering advanced placement science classes. Students taking these courses should have demonstrated high achievement in a challenging environment. All students must register for and take the corresponding AP exams at the conclusion of the courses.

AP BIOLOGY – 4700

Full year - 1 credit

Grades 11, 12

Prerequisite: Successful completion of Earth Science, Living Environment, and Chemistry
Prerequisite/Co-requisite: Physics, Honors Policy Applies

AP Biology is designed to be the equivalent of a college introductory biology course. This course includes topics and laboratory activities that are regularly covered in a college biology course. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science or biology.

The two main goals of this course are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Essential to this conceptual understanding include: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. The class meets once a day with an extra lab period every other day.

AP CHEMISTRY – 4710

Full year - 1 credit

Grades 11, 12

Prerequisites: Successful completion of Earth Science, Living Environment, and Chemistry
Prerequisite/Co-requisite: Physics, Honors Policy Applies

This course is equivalent to an American Chemical Society approved college level course. The main goal of the course is to offer students a rigorous, thought-provoking college chemistry course. Students are preparing to be critical and independent thinkers who are able to function effectively in a scientific and technological society. They will be able to analyze scientific and societal issues using scientific problem solving. It is our goal that this course will play a role in creating lifelong learners. Students will emerge from this program with an appreciation for the natural world. Students taking Advanced Placement Chemistry have already taken a first year chemistry course. The class meets once a day with an extra lab period every other day.

AP ENVIRONMENTAL SCIENCE – 4725

Full year – 1 credit

Grades 10, 11, 12

Prerequisites: Successful Completion of Earth Science and Living Environment. Chemistry can be taken concurrently. Honors Policy Applies or Department Approval

AP Environmental Science is comparable to a freshman-level college course. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will learn to identify and analyze natural and human made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Laboratory experience, including writing the lab reports, is a required component to this course. The class meets once a day with an extra lab period every other day.

AP PHYSICS – C – 4720

Full year - 1 credit

Grade 12

Prerequisite: Successful completion of Earth Science, Living Environment, Chemistry and first-year Physics course. Honors Policy Applies

AP Physics is comparable to two semesters of a freshman level college Physics course. It is actually two separate courses with the first semester involving the study of Mechanics, and the second semester involving the study of Electricity & Magnetism. Students must register for two separate AP exams at the conclusion of the course.

The course is designed to promote the scientific and mathematical reasoning skills required to solve higher level problems within the multitude of physical circumstances. Students will develop an understanding of the connections between Physics (and science in general) to our everyday world and recognize the importance of being critical thinkers in this context. The class meets once a day with an extra lab period every other day.

SEMESTER SCIENCE ELECTIVES**OCEANOGRAPHY – 4775**

Half year - ½ credit

Grades 11, 12

Prerequisites: Earth Science, Living Environment, and Chemistry

We live on an island. This course is a study of the basic principles of oceanography. Topics include the structure of the earth and the sea floor, the physics and chemistry of the oceans, atmospheric wind and ocean circulation, waves, currents, tides, marine animals, ecological concepts, and environmental concerns.

NUTRITION – 4780

Half year - ½ credit

Grades 11, 12

Prerequisites: Earth Science and Living Environment

This is an introductory nutrition course for the promotion of health, wellness, and physical performance in daily life. Topics include: role of nutrition and fitness in health, the impact of harmful eating patterns, and the evaluation of diets and nutrition information. Nutrition associated with athletic performance as well as topics of current interest will be discussed.

FORENSIC SCIENCE – 4785

Half year - ½ credit

Grades 11, 12

Prerequisites: Earth Science and Living Environment

This course will review the methods used by police scientists to discover and analyze clues which help solve crimes. It is an academic course based on, and expanding the student's background in the sciences, by putting theories to practical use. The student will study famous cases, learn how to collect evidence at the scene of the crime, and analyze evidence such as fingerprints, firearms, hair fibers, documents etc.

ANATOMY AND PHYSIOLOGY - 4795

Half year – ½ credit

Grades 11, 12

Prerequisites: Earth Science and Living Environment

The course investigates the structure and function of the human body, including basic organization, biochemical composition and major body systems along with the impact of diseases on certain systems. Dissections and virtual dissections will be used to highlight various aspects of anatomy and physiology.

HONORS SCIENCE RESEARCH PROGRAM

Honors Science Research Program includes Freshmen Science Research H (open only for freshmen), Science Research Seminar 1 H (open to all students in grades 10-12), Intermediate Science Research 2 H (open to juniors and seniors who have demonstrated a commitment to conduct independent research during the school year and the summer) and Advanced Science Research 3 H (open for seniors completed Intermediate Science Research 2 H). Students enrolled in Science Research courses may receive up to 12 transferable college credits from the University at Albany through the University in the High School Programs.

Freshmen Science Research meets as a scheduled class every day. **Sophomores, juniors and seniors** meet once a week in small groups during their lunch period, study hall or senior privilege. Students conducting in-school experiments are required to meet twice a week. All research students are required to present their work during the Science Research Symposium night at the end of the year.

FRESHMEN SCIENCE RESEARCH H – 4730

Full year - 1 credit

Grade 9

Open enrollment. Highly recommended for freshmen students who will be taking Living Environment Honors class or for strong science students.

Students will be provided with an in-depth exploration of the scientific research process and techniques. During the course of study, students will conduct literary reviews and will learn how to collect, process, organize, and graph data. These skills will then be incorporated into group and individual projects. The class meets every day. All students are required to present their research at the Annual Science Research Symposium.

SCIENCE RESEARCH SEMINAR 1 H – 4740

Full year - 1 credit

Grades 10, 11, 12

Prerequisite: Honors Policy Applies

Co-requisite: Simultaneous enrollment in another science course

Students will work on research projects as individuals and in groups and enter into national competitions such as Toshiba Exploravision. In addition, students will begin planning their own original research projects in school and present their ideas at local science fairs such as the Long Island Science Congress and the Annual Science Research Symposium. Attendance at weekly scheduled assessment meetings is required. All students are required to present their research at the Annual Science Research Symposium.

INTERMEDIATE SCIENCE RESEARCH 2H AND ADVANCED SCIENCE RESEARCH 3H COURSES

These courses offer students the opportunity to conduct original scientific research under the guidance of a research scientist. They are open to all students who have demonstrated a commitment to conduct independent research during the school year and the summer. Students are required to conduct independent research outside of class each week, to meet weekly for assessment and mentorship with their science research teacher, and to present at local, regional, and national competitions, such as Intel Science Talent Search and Siemens Competition in Math, Science and Technology. Students may receive up to 12 transferable college credits from the University at Albany through the University in the High School program.

INTERMEDIATE SCIENCE RESEARCH 2H – 4750

Full year - 1 credit

Grades 11, 12

Prerequisites: Completion of Science Research Seminar 1H
Honors Policy Applies

Co-requisite: Simultaneous enrollment in another science course

This class is for students who have already begun a mentored independent research project, and are still in the data collecting phase. Students will continue to collect data in any scientific field during the school year. Attendance at weekly assessment meetings is required. Students will attend science competitions such as the Long Island Science Congress. Advanced students may also enter the Siemens Science Competition. All students are required to present their research at the Annual Science Research Symposium.

ADVANCED SCIENCE RESEARCH 3H – 4760

Full year - 1 credit

Grade 12

Prerequisites: Completion of Intermediate Science Research 2H
Honors Policy Applies

Co-requisite: Simultaneous enrollment in another science course

This class is for students who have conducted extensive research during their junior year and over the summers. Students will prepare comprehensive research papers to enter the Intel Science Talent Search and Siemens competitions. Students will also be expected to attend the Long Island Science and Engineering Fair. Attendance at weekly assessment meetings is required. All students are required to present their research at the Annual Science Research Symposium.

TECHNOLOGY – (Updated on 5/18/16)

COLLEGE PROJECT LEAD THE WAY (PLTW) ENGINEERING PROGRAM

In College Project Lead the Way (PLTW) Engineering program students engage in open-ended problem solving, learn and apply the engineering design process and use industry-leading technology and software. Students investigate a variety of topics and have an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers. All PLTW Engineering courses receive college weighting of 1.06 on the high school transcript.

Students enrolled in the program will have an opportunity to get a head start on their college career and receive three college credits for each PLTW course. College credits can be obtained from Rochester Institute of Technology (RIT) and are transferrable to other universities. To be eligible to receive RIT credits students must have a minimum class average of 85% and pass the end of the year exam with a stanine score of 6. (Stanine score of 6 is equal a C.) The total tuition charge for three credits is \$225 payable if the student applies for the credits at the end of the year. Students may opt out of applying for college credit.

COLLEGE PLTW DESIGN AND DRAWING FOR PRODUCTION (DDP) - 4800 Full year - 1 credit

Grades 9, 10

Prerequisites: none; if seats are limited the preference will be given to students with strong math background

This course is designed as the first in the sequence of engineering courses Project Lead the Way (PLTW). Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work. The course receives college weighting of 1.06 on the high school transcript.

In addition, students have an opportunity to receive transferable credits from the Rochester Institute of Technology (RIT) or other colleges. To qualify for RIT credits students must have an 85% class average and pass the end of the year exam with a stanine score of 6. (Stanine score of 6 is equal a C.)

COLLEGE PLTW PRINCIPLES OF ENGINEERING (POE) - 4805 Full year-1 credit

Grades 10, 11

Prerequisite: PLTW Design and Drawing for Production (DDP)

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. The course receives college weighting of 1.06 on the high school transcript. In addition, students have an opportunity to receive transferable credits from the Rochester Institute of Technology (RIT) or other colleges. To qualify for RIT credits students must have an 85% class average and pass the end of the year exam with a stanine score of 6. (Stanine score of 6 is equal a C.)

SOCIAL STUDIES

Below are typical Social Studies course selections for each grade. Students may move between levels based on their performance, skills, and prerequisites. Please contact the curriculum coordinator if you have any questions.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Required	Social Stud. 8	Global History 9R Or Global History 9H	Global History 10R Or AP World History	U.S. History Or AP U.S. History	SS 12 Government And SS 12 Economics Or AP U.S. Government & Politics Or AP Macroeconomics
Electives			Contemporary Global Issues Criminal Justice Intro to Psychology* Social Science Res.* Sports in History	AP Psychology AP Human Geo. Contemporary Global Issues Criminal Justice Intro to Psychology* Long Island Hist. Social Science Res.* Sports in History	AP Psychology AP Human Geog. AP European Hist. Criminal Justice Contemporary Global Issues Greece and Rome Rediscovered Intro to Psychology* Long Island History Social Science Res.* Sports in History

* Courses that will not be offered in the 2016-17 school year

GLOBAL HISTORY & GEOGRAPHY 9 – 2100, 2140

Full year - 1 credit

Grade 9

Prerequisites: 2100 9R: Completion of 8th grade Social Studies
2140 9CT: Completion of 8th grade Social Studies and CSE recommendation

This is the first year of a two-year chronological, cross-cultural survey of history from the Paleolithic Era to the mid-18th century; it follows the New York State curriculum. Students engage in a comparative study of the geography, history, politics, economics and social structures of different regions of the world. A major emphasis in this course is the development of reading, writing, note taking and research skills to further historical inquiry. There is a final exam at the end of the course; this two-year course of study will culminate with a Regents examination at the end of Global History 10.

GLOBAL HISTORY & GEOGRAPHY 9H– 2110

Full year - 1 credit

Grade 9

Prerequisite: Honors Policy Applies

This is the first year of a two-year chronological analysis of world history from the Paleolithic Era to the Renaissance. Students enrolled in 9H typically continue their study of world history in AP World History as tenth graders; as such, 9H is designed as a pre-AP class. One of the primary goals is to introduce 9th grade students to the skills and habits of mind necessary for success in an AP class. A major emphasis in this course is the further development of reading, writing, and note taking skills. A key theme in the course is the analysis of continuity and change over time; there is a special emphasis on the interaction between and among world cultures.

GLOBAL HISTORY & GEOGRAPHY 10 – 2200, 2240

Full year - 1 credit

Grade 10

Prerequisites: 2200 10R: Completion of Global History and Geography 9
2240 10CT: Completion of Global History and Geography 9 and CSE recommendation

This is the second year of the two-year Global History and Geography sequence. This course continues the chronological, cross-cultural survey from the mid-18th century to present day. The themes and areas of study from Global History 9 will be continued with an emphasis on the interdependence and interconnectedness of the world. The New York State Regents examination is the culmination of ninth and tenth grade Global History and Geography.

AP WORLD HISTORY – 2230

Full year - 1 credit

Grade 10

Prerequisites: Completion of Global History and Geography 9. Honors Policy Applies

This is a college level course for students who have demonstrated academic excellence in social studies. This course offers a balanced and in-depth analysis of global history and processes in the context of continuity and change over time. Students will have the opportunity to explore historical events chronologically, while placing special emphasis on the interaction between and among world cultures. Students take the Advanced Placement examination in May and the New York State Global History Regents examination in June.

UNITED STATES HISTORY AND GOVERNMENT – 2300, 2340

Full year - 1 credit

Grade 11

Prerequisites: 2300 11R: Completion of Global History and Geography 9 & 10
2340 11CT: Completion of Global History and Geography 9 & 10, and CSE recommendation

This course follows the New York State Syllabus and is essentially a chronological survey of US history. It traces the development of the United States into a fully industrialized nation, with an emphasis on the 20th century. Constitutional and legal issues are explored, as are the problems that face a dynamic, industrial society in an increasingly complex and technological world. This course culminates in a Regents examination.

AP U.S. HISTORY – 2320

Full year - 1 credit

Grade 11

Prerequisites: Completion of Global History and Geography 9 & 10. Honors Policy Applies

This is a college-level course for students who have demonstrated academic excellence in Social Studies. The course is designed to provide students with the analytical skills and enduring understandings necessary to arrive at conclusions on the basis of historical evidence and to present the evidence clearly and persuasively in an essay format. Students take the College Board Advanced Placement examination in May and the New York State US Regents examination in June.

PARTICIPATION IN GOVERNMENT – 2500

Half year - ½ credit

Grade 12

(AND)

ECONOMICS – 2400

Half year - ½ credit

Grade 12

Prerequisite: Completion of United States History and Government

The New York State Board of Regents requires that seniors take both Participation in Government and Economics. One semester is devoted to the study of public policy decision-making and the political process. A five-hour community activity is required for the Participation in Government course. The other semester will be devoted to the study of economics. The ultimate goal of both courses is to enable students to become knowledgeable, active citizens.

AP MACROECONOMICS – 2700

Full year - 1 credit

Grade 12

Prerequisites: Completion of United States History and Government. Honors Policy Applies

The goal of this college level course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, (consumers and producers) within the economics system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This full year course will also integrate the study of both fiscal and monetary policies as they apply to the various levels of government. Students will earn a ½ credit in Government and a ½ credit in Economics.

AP UNITED STATES GOVERNMENT AND POLITICS – 2750

Full year - 1 credit

Grade 12

Prerequisites: Completion of United States History and Government. Honors Policy Applies

This course will give students the analytical perspective on government and politics in the United States. Students explore the structure and operations of the U.S. government and the behavior of the electorate and politicians. Students will critically evaluate political data, hypotheses, concepts, opinions, and processes. They also learn to gather data about political behavior and develop their own theoretical analysis of American politics. The purpose of this course is to prepare students to be active and engaged citizens in American democracy. Students will earn a ½ credit in Government and a ½ credit in Economics.

AP EUROPEAN HISTORY – 2420

Grades 11*, 12

Full year - 1 credit

Prerequisite: Completion of United States History and Government

*Eleventh grade students who wish to take this course must have department approval

Highly motivated students may elect to take Advanced Placement European History in their senior year. Through intensive investigation of primary and secondary source materials and classroom discussions, students will gain an in-depth understanding of modern European history. Special emphasis will be placed on the Renaissance, the Emergence of Nationalism, the Industrial Revolution, Imperialism, World War I, and World War II.

AP PSYCHOLOGY – 2530

Full year – 1 credit

Grades 11, 12

Prerequisites: Completion of Global History and Geography 9 & 10

This college level course provides an overview of current psychological research methods and theories, it explores the therapies used by professionals in the field of psychology and examines how people learn and think, and analyzes the process of human development. The Advanced Placement examination is required for students enrolled in this course.

AP HUMAN GEOGRAPHY – 2540

Full year – 1 credit

Grades 11, 12

Prerequisite: Completion of Global History and Geography 9 & 10

Students will be introduced to the importance of spatial organization – the location of places, people, and events, and the connections between places and landscapes – in the understanding of human life on Earth. Geographic concepts emphasized throughout the course are location, space, pattern regionalization, and place. These concepts are basic to a student’s understanding of spatial interaction and spatial behavior, the dynamics of human population growth and movement, patterns of culture, economic use of Earth, political organization of space, and human settlement patterns, particularly urbanization. Students will learn how to make and use maps. They will also learn to apply mathematical formulas, models, and qualitative data to geographic concepts.

CRIMINAL JUSTICE – 2510

Half year - ½ credit

Grades 10, 11, 12

Criminal Justice is designed to familiarize students with the many aspects of crime and the U.S. legal system. Topics include, but are not limited to, origins of modern law, characteristics of crime, characteristics of criminals, schools of thought on causation and prevention of crime, the nature and functioning of courts, and future concerns regarding crime.

INTRODUCTION TO PSYCHOLOGY – 2520

Half year - ½ credit

Grades 10, 11, 12 (Not offered in 2016-17 school year)

This course is a survey of modern psychology. Topics will include quantitative methods in the study of psychology, physiological bases of behavior, sensation, perception, motivation and emotion, learning, development, cognitive processes, personality, and social behavior. (Fall/Spring semester).

LONG ISLAND HISTORY – 2560

Half year - ½ credit

Grades 11, 12

This one semester elective is an in-depth study of Long Island’s regional development and history. Topics include: Geography, Native Americans, Colonial L.I.Garden City, the growth of the suburbs, industrial development and the future of Long Island. A variety of materials will be utilized in the course including primary sources, artifacts, oral history, and visits to historic sites.

SPORTS IN HISTORY – 2575

Half year credit

Grades 10, 11, 12
Prerequisites - None

This course is designed to examine the development of sports in America. Students will gain insight into a deeper understanding of the interrelationship between sports and the social, economic, cultural and political forces in the United States as well as in the world. Students will investigate the roles that race and gender have played in sports and, in turn, the impact of sports on American culture. Students will also examine the development of major spectator sports in America from their beginnings to their enormously powerful present condition.

CONTEMPORARY GLOBAL ISSUES – CREATING THE GLOBAL CITIZEN - 2580

Half year credit

Grades 10, 11, 12
Prerequisites - None

This course will explore contemporary issues affecting our world today. The students will take an in-depth look at current geopolitics, the role of women, globalization, population pressures, global poverty, the structure and function of the United Nations, and the impact of non-state actors. Students will participate in activities designed to develop a deeper understanding of our ever changing world.

GREECE AND ROME REDISCOVERED – 1900

Full year - 1 credit

Grade 12

This course is an interdisciplinary study of the cultures of the ancient Mediterranean. The course is dedicated to the study of Greek and Roman culture and to clarifying and assessing its continuing impact on contemporary life. Students will engage in an examination of history, archeology, art, architecture, philosophy, religion, science, politics, mythology, language, and especially the literature of Greece and Rome.

This large group lecture class will be co-taught by one social studies teacher and one English teacher. Assessments which include exams, quizzes, extensive essay writing, debate and exhibitions will be evaluated by both teachers. The successful completion of this year long course yields one elective credit (½ credit for social studies and ½ credit for English).

SOCIAL SCIENCE RESEARCH H – 2570

Half year - ½ credit

Grades 10*, 11, 12 (Open enrollment) (Not offered in 2016-17 school year)

Prerequisite: *Tenth grade students who wish to take this course must have taken Global History 9H or be recommended by the department.

This half year course is designed to introduce students to the basic research skills needed for the social sciences. The course will focus on a historian's "Habits of Mind," analysis of primary and secondary sources (with an emphasis on historiography), review of professional journals, précis writing, position paper creation, a quarterly thesis paper, and the creation of a class history journal. Students will also be encouraged to enter work in local and regional contests, and partake in field experiences such as lectures and field trips.

SPECIAL EDUCATION

Students with disabilities are provided with a specialized program of instruction, as per their Individualized Education Program (IEP). The programs are challenging and designed to ensure student achievement and success within our school community. The special education services listed below are provided by Garden City High School after individual recommendations have been made by the Committee on Special Education (CSE).

- **RELATED SERVICES:** are developmental supportive services, as are required to assist a student with a disability and includes but is not limited to: speech-language pathology, physical therapy and counseling services.
- **CONSULTANT TEACHER SERVICES:** means direct and/or indirect services, provided to a student with a disability who attends regular education classes and/or to such student's regular education teachers. Consultant teacher services must be provided for a minimum of two hours per week. Direct consultant teacher services are provided in the general education class.
- **RESOURCE ROOM PROGRAM:** means a special education program for a student with a disability registered in a regular class who is in need of specialized supplementary instruction in a small group setting for a portion of the school day. A student shall receive no less than three hours of instruction per week in such program.
- **INTEGRATED CO-TEACHING:** means the provision of specifically designed instruction and academic instruction provided to a group of students with disabilities and non-disabled peers. This class is taught by both a general and special education teacher.
- **SPECIAL CLASS:** means a class consisting of students with disabilities who have been grouped together, because of similar individual needs for the purpose of being provided specially designed instruction.

SPECIAL CLASSES IN GARDEN CITY HIGH SCHOOL

Certain special classes in the Garden City High School address student IEP goals such as personal care, independent living skills, activities of daily living, career exploration and vocational experiences. Other special classes address the academic IEP goals of students from functional academics to Regents curriculum. Each special class student to teacher ratio is determined by the CSE. It should be noted that these special classes are formulated based on the individualized education needs of our students, as recommended by the CSE, from year to year. The objective of every special class is to have the students attain mastery of the IEP goals and in some instances pass Regents examinations and/or earn the New York State Career Development and Occupational Studies Commencement Credential (CDOS). For specific information regarding the CDOS credential visit: <http://www.p12.nysed.gov/specialed/publications/2015-memos/documents/Parentbrochure6-30-15>.

WORLD LANGUAGE

Below are typical World Language course selections for each grade. Students may move between levels based on their performance, skills, and prerequisites. Please contact the curriculum coordinator if you have any questions.

It is strongly suggested that a student take at least 4 (optimally 5) years of the same World Language in order to ensure that he/she has met the requirements for college admission and to compete in a globalized society. Many colleges may also require students to take a World Language at the college level.

Language Options: French, German, Italian, Latin, Spanish

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Language 1	Language 2R Or Language 2H*	Language 3R Or Language 3H*	Language 4R Or Language 4H*	College Courses
	Language 1R	Language 2R	Language 3R	Language 4R

*As with any Honors Program, please be advised that these are rigorous courses.

LATIN 1R-H – 5800, 5870

Full year - 1 credit

Grades 9, 10, 11, 12

Prerequisites: 5800 Latin 1R: Open to interested students
5870 Latin 1H: Honors Policy Applies

This course is the beginning of a sequence. It covers the vocabulary and grammar necessary to read and write simple Latin. Oral reading and listening comprehension will be included. Greco-Roman culture is studied and there is emphasis on English vocabulary and grammar. Checkpoint A of the state syllabus is followed.

LATIN 2R-H – 5820, 5810

Full year - 1 credit

Grades 10, 11, 12

Prerequisites: 5820 Latin 2R: Completion of Latin 1R
5810 Latin 2H: Honors Policy Applies

This course reviews the work of the first year and continues the study of vocabulary, grammar, and culture leading to the reading of Latin authors. Honors students read more extensively. This class is the first half of Checkpoint B of the state syllabus.

LATIN 3R-H – 5840, 5830

Full year - 1 credit

Grades 11, 12

Prerequisites: 5840 Latin 3R: Completion of Latin 2R
5830 Latin 3H: Honors Policy Applies

This course completes checkpoint B of the state syllabus and satisfies the requirements for a three-year sequence for the Regents diploma. It continues the study of vocabulary, grammar, listening, speaking, writing, and culture, but it is devoted mostly to the reading of classical authors, including Cicero, Pliny, Catullus, Horace, Ovid, and Vergil. Honors students read more extensively.

the three Modes of Language Learning: Interpersonal, Interpretive and Presentational (listening, speaking, reading and writing). Although the same grammatical skills will be taught, the Honors course will lay a more advanced grammatical foundation for those students who will be enrolled in the Level 4H course.

MODERN LANGUAGE 4

Full year - 1 credit

German 4R-5650 Italian 4R-5750 Spanish 4R-5560
German 4H-5660 Italian 4H-5760 Spanish 4H-5550

Grades 11, 12

Prerequisites: Regents Criteria: Completion of Level 3R
 Honors Criteria: Honors Policy Applies

4H

Full year - 1 credit

This course focuses on strengthening the three Modes of Language Learning: Interpersonal, Interpretive and Presentational (listening, speaking, reading and writing). There is a strong emphasis on advanced grammatical structures and usage, literary and cultural reading selections, vocabulary acquisition, and composition writing. This course completes half of Checkpoint C of the NYS syllabus.

4R

Full year - 1 credit

This course places an emphasis on the three Modes of Language Learning: Interpersonal Interpretive and Presentational (listening, speaking, reading and writing) as well as grammatical structures. There is a focus on the communicative use of the language. This course completes half of Checkpoint C of the NYS syllabus.

MODERN LANGUAGE 5

Full year - 1 credit

Italian 5R-5780 Spanish 5R-5580

Grade 12

Prerequisites: Regents Criteria: Completion of Level 4R

This course places a continued emphasis on the four skills: listening and reading comprehension, writing (grammatical structures and composition), and speaking. In addition, this course will also focus on a regional concept of the countries whose language is being studied. Architecture, art, history, literary selections, and traditions are among the topics of study. Level 5 will complete Checkpoint C of the NYS syllabus. **These courses will only be offered if there is sufficient enrollment.**

COLLEGE COURSES

Full year - 1 H.S. credit – up to 6 college credits

College French - 5290

College German - 5695

College Italian - 5790

College Latin - 5890

College Spanish - 5590

Grade 12 Only

Prerequisites: Completion of Level 4R or 4H Course

The curriculum, which was written by members of our language department, has been approved by St. John’s University. This course will build upon the skills learned in our other language high school courses, as well as continue to build upon oral and written proficiency with more intensive reading and conversation. Students have the potential to earn six college credits; that is, three credits per high school semester. College credit can be obtained through St. John’s University’s College Advantage program and is transferable to most colleges and universities. Please note, students may also opt out of receiving college credit. It is to be noted that we will grant college weight (1.06) to our College Courses.

To qualify for college credit, St. John’s requires that at the time of registration in September and/or January, seniors have a minimum of an 80 average in the five academic subjects (English, Language, Math, Science, and Social Studies), and a combined math and critical reading score of 1000 or an ACT score of 22.

Points of Information as per St. John’s University:

- The course will be offered at a reduced tuition rate of \$325 per course (subject to change), which is one semester in length. Please note as per St. John’s University the fee is non-refundable.
- Withdrawals are not permitted unless the student leaves school or is dropped from the course by administration.
- A failing grade does not automatically warrant a withdrawal.
- No new students may be added to the roster after registration.
- All students must have a social security number to be enrolled.

NASSAU COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES (BOCES)

Students may be recommended to consider the following career-oriented courses which are offered to Garden City High School students by the Nassau County Board of Cooperative Educational Services (BOCES) at the Barry Tech Center or LIHSA. If a student chooses a Barry Tech/LIHSA program, the school day includes academic courses at Garden City High School for half-day, and career-oriented courses at Barry Tech/LIHSA for the other half of the day.

Students should notify their counselor of their interest in a BOCES program immediately following either the Taste of Tech visit to Barry Tech or the One Plus One Program at LIHSA. All student requests will be reviewed by a building level committee. The counselors will then notify the approved students to complete the BOCES application to be submitted no later than March 22nd. Students who wish to visit Barry Tech/LIHSA should consult with their counselor.

Note, availability of course offerings is subject to student enrollment. Students may only apply for selected Barry Tech/LIHSA courses/programs that are not offered at Garden City High School. Please also note that scheduling of required courses at Garden City High School take precedence over specific choices of BOCES programs.

Board of Education Policy:

BOCES COURSES

Garden City Public Schools

4320

The Board of Education believes that every student should be prepared for college level instruction or for entry into the workforce. Subject to budget limitations, a student may enroll in half-day BOCES Long Island High School for the Arts or Occupational Education courses in 11th and 12th grade provided that the student is in good academic standing, adheres to the high school attendance policy, has met certain academic core requirements for high school graduation and has exhausted available course offerings at the building level. Returning seniors must be in good standing. If a comparable course is already offered by the district, a student may not enroll in a BOCES program. Applications for courses of study not offered at the high school may be considered.

BOCES Long Island High School for the Arts Program

The district offers a fine art, drama, and music program within the district. Occasionally, a student may attend a BOCES Cultural Arts Program only if it is significantly different from district offerings. Students may only attend the BOCES Cultural Arts Program with the approval of their building principal and the Superintendent or designee.

BOCES Occupational Education Courses

In compliance with Education Law §4601(1), the District makes available occupational education courses to its students. Students must exhaust all pertinent vocational opportunities available at the District prior to attendance in a BOCES program. Students may only attend BOCES Occupational Education Courses with the approval of their building principal and the Superintendent or designee.

Application Process

An application must be submitted each year for consideration. A student wishing to participate in a BOCES program in 11th or 12th grade must meet with his/her guidance counselor to review his/her course history as well as additional courses needed for graduation. Requests to attend a BOCES program are subject to a building-level committee review, and approval to submit an application will be granted no later than March 15th by the building principal. Members of the building-level committee review will include, but is not limited to, the principal or designee, the director of guidance, the coordinator of music and the arts, and teachers and/or administrators related to the discipline area. Approved students must submit the BOCES application to the guidance counselor prior to March 22nd for the following school year. Completed applications will be forwarded to BOCES for consideration and accepted students will be permitted to attend the BOCES program if final approval is granted by the Superintendent or designee.

Ref:

Education Law §1709(3) and §4602(1)

Adoption date: December 14, 2010

Note: BOCES provides the bus service for students enrolled in their programs, and as such BOCES controls the bus routes which may include drop offs at towns outside of Garden City. This may delay the return of students to Garden City High School at the end of the school day, and impact students' timeliness to after school activities.

LONG ISLAND HIGH SCHOOL FOR THE ARTS (LIHSA) - AM-6504 PM-6505

BARRY TECH AM – 6500 PM – 6510

2015-2016 BOCES COURSE OFFERINGS

LONG ISLAND SCHOOL FOR THE ARTS (LIHSA) PROGRAMS:

Art	Filmmaking
Dance	Music
Digital Music Production	Theatre

BARRY TECH PROGRAMS:

ARTS & HUMANITIES

Audio Production
Computer Game Design & Programming
Digital Design
Fashion Design Technology
Video Production & Digital Film Making

BUSINESS/INFORMATION SYSTEMS

Business Services Skills
Retail Skills

ENGINEERING TECHNOLOGIES

Auto Collision Technician
Auto Skills
Automotive Technology
Aviation Operations
Carpentry
Computer Technology
Construction Electricity
Construction Trades
Construction Trades Skills
Network Cabling Technician/ Home
Technology Integration (HTI)
Plumbing
Power Sports & Small Engine Repair
Welding

HEALTH SERVICES

Dental Assisting
Health Skills
Medical Assisting
Personal Trainer and Exercise Medicine
Pharmacy Technician
Physical Therapy Aide & Rehabilitation
Medicine

HUMAN & PUBLIC SERVICES

Barbering Technician
Child Development
Cosmetology
Culinary Arts
Culinary Arts Skills
Emergency Homeland Security
Police Science & Criminal Justice

NATURAL & AGRICULTURAL SCIENCES

Animal Care
Animal Care Skills
Horse Science and Management
Veterinary Science

SAMPLE FOUR-YEAR SCHEDULE

Grade 9

1. English 9
2. Global History & Geography 9
3. Math (Algebra or Geometry)
4. Earth Science or Living Environment
5. Lab/Physical Education
6. Language II
7. Lunch
8. Art or Music (1 credit)
9. Elective

Grade 10

1. English 10
2. Global History & Geography 10
3. Geometry
4. Science (Living Environment or Chemistry)
5. Lab/Physical Education
6. Language III
7. Lunch
8. Health ½ yr./Elective ½ yr.
9. Elective

Grade 11

1. English 11
2. U.S. History 11
3. Algebra 2
4. Chemistry or Physics
5. Lab/Physical Education
6. Language IV
7. Lunch
8. Elective
9. Elective

Grade 12

1. English 12
2. Social Studies 12 – Economics
Social Studies 12 – Government
3. Math Elective
4. Physics or Science Elective
5. Lab/Physical Education
6. Language V - College
7. Lunch
8. Elective
9. Elective

This is a basic sample four year plan. Please keep in mind that each student will follow his or her elective choices.

COURSE LISTING FOR 2016-2017

NOTE: Advanced Placement (AP) and college level courses are noted in **BOLD** print. Honors (H) and Advanced Placement (AP) courses have specific requirements and may require teacher recommendations. Check with your current subject area teacher, school counselor, or department coordinator before selecting these courses.

Student-athletes who plan to participate in Division I & II sports at the college level must be cleared by the NCAA. Please go to ncaaclearinghouse.net for more information. Courses listed below with an asterisk* have been approved by the NCAA and can be applied to your core course GPA. See your counselor for more information.

ART

7000 Studio Art 1
7020 Studio Art 2
7040 Studio Art 3
7050 Studio Art 4
7060 AP Studio Art
7160 Computer Graphics
7165 Advanced Computer Graphics I
7175 Advanced Computer Graphics II
7170 Sculpture I
7200 History of American Art

BARRY TECH

6500 Barry Tech AM
6510 Barry Tech PM

BUSINESS EDUCATION

6010 Entrepreneurship
6030 Business Law
6040 Business Law (Full Year)
6045 College Business Law
6070 College Accounting (Full Year)
6080 College Accounting
6090 Finance
6130 Multimedia
6136 Animation and Video Media
6145 Fashion Marketing
6150 Marketing & Advertising
6152 Entertainment and Sports Marketing
6195 Video Game Marketing
6240 Business Management
6245 College Business Management
6155 College Marketing

COMPUTER SCIENCE

3500 AP Computer Science
3560 Advanced Programming – Java H
3800 Introduction to Visual Basic
3810 Advanced Visual Basic H
3821 Website Programming and Design
3822 Advanced Website Design

ENGLISH

1050 Reading for Meaning
1100 *English 9R
1110 *English 9H
1140 *English 9CT
1200 *English 10R
1220 *English 10-11H (Pre-AP)
1240 *English 10CT
1291 *Journalism
1300 *English 11R
1340 *English 11CT
1390 *AP English Language
1400 *English 12R
1420 *AP English Literature
1500 Theater Arts I
1510 Theater Arts II
1520 Theater Arts III
1530 Theater Arts IV
1540 College Scene Study and Analysis
1641 *Creative Writing
1646 Film Appreciation
1647 Myths & Legends
1648 *Ethics in Print
1649 Culture of the Sixties
1900 *Greece and Rome Rediscovered
9700 English as a Second Language

HEALTH

6410 Health

LONG ISLAND HIGH SCHOOL FOR THE ARTS (LIHSA)

6504 LIHSA AM
6505 LIHSA PM

MATHEMATICS

3050	*Math 3
3060	*Math 4
3112	*Algebra H
3117	*Algebra R
3127	*Algebra CT
3130	Algebra Support
3212	*Geometry H
3217	*Geometry R
3227	*Geometry CT
3230	Geometry Support
3312	*Algebra 2 H
3317	*Algebra 2 R
3327	*Algebra 2 CT
3330	Algebra 2 Support
3400	*Math 12R-Advanced Topics in Mathematics
3460	*AP Calculus – BC
3470	*Math 12H-Topics in Calculus
3580	*AP Statistics
3590	*Statistics through Sports
3600	*Introduction to BC Calculus H
3740	Mathematics Research H
3750	Mathematics Problem Solving

MUSIC AND PERFORMING ARTS

1500	Theater Arts I
1510	Theater Arts II
1520	Theater Arts III
1530	Theater Arts IV
8020	Concert Choir
8050	Chamber Choir
8060	Women's Chorus
8125	Symphonic Band
8140	Orchestra
8200	Jazz Ensemble
8300	Wind Ensemble
8315	Wind Symphony
8510	Music Theory I
8520	Music Theory II
8530	AP Music Theory
8540	Vocal Jazz Ensemble
8562	Chamber Orchestra
8580	Marching Band

PHOTOGRAPHY

7100	Photography 1
7120	Photography 2
7140	Photography 3
7150	Photography 4
7185	Digital Photography 1
7190	Digital Photography 2

PHYSICAL EDUCATION

9010	Grades 9 and 10
9020	Grades 11 and 12
9050	Adaptive Physical Ed

SCIENCE AND TECHNOLOGY

4100	*Earth Science R
4105	*Earth Science CT
4200	*Living Environment R
4205	*Living Environment CT
4210	*Living Environment H
4310	*Chemistry H
4300	*Chemistry R
4305	*Chemistry CT
4350	*Conceptual Chemistry
4410	*Physics H
4400	*Physics R
4700	*AP Biology
4710	*AP Chemistry
4725	*AP Environmental Science
4720	*AP Physics C
4730	Freshmen Science Research 9H
4740	Science Research Seminar 1H
4750	Intermediate Science Research 2H
4760	Advanced Science Research 3H
4775	*Oceanography
4780	Nutrition
4785	*Forensic Science
4795	Anatomy and Physiology
4800	PLTW Design and Drawing for Production
4805	PLTW Principles of Engineering

SOCIAL STUDIES

1900	*Greece and Rome Rediscovered
2100	*Global History & Geography 9R
2110	*Global History & Geography 9H
2140	*Global History & Geography 9CT
2200	*Global History & Geography 10R
2240	*Global History & Geography 10CT
2230	*AP World History
2300	*US History & Government 11R
2320	*AP US History
2340	*US History & Government 11CT
2400	*Economics
2420	*AP European History
2500	*Participation in Government
2510	*Criminal Justice
2520	*Introduction to Psychology
2530	*AP Psychology
2540	*AP Human Geography
2560	*Long Island History
2570	Social Science Research H
2700	*AP Macroeconomics
2750	*AP US Government & Politics
2575	Sports in History
2580	Contemporary Global Issues – Creating the Global

WORLD LANGUAGES

- 5800 *Latin 1R
- 5870 *Latin 1H
- 5820 *Latin 2R
- 5810 *Latin 2H
- 5840 *Latin 3R
- 5830 *Latin 3H
- 5890 *College Latin**
- 5290 *College French**
- 5300 *Spanish 1R
- 5301 *Spanish 1H
- 5400 *Spanish 2R
- 5410 *Spanish 2H
- 5500 *Spanish 3R
- 5510 *Spanish 3H
- 5560 *Spanish 4R
- 5550 *Spanish 4H
- 5580 *Spanish 5R
- 5590 *College Spanish**
- 5600 *German 1R
- 5601 *German 1H
- 5620 *German 2R
- 5610 *German 2H
- 5640 *German 3R
- 5630 *German 3H
- 5650 *German 4R
- 5660 *German 4H
- 5695 *College German**
- 5700 *Italian 1R
- 5790 *Italian 1H
- 5720 *Italian 2R
- 5710 *Italian 2H
- 5740 *Italian 3R
- 5730 *Italian 3H
- 5750 *Italian 4R
- 5760 *Italian 4H
- 5780 *Italian 5R
- 5790 *College Italian**
- 9700 English as a Second Language