

HALF HOLLOW HILLS

HIGH SCHOOL COURSE OFFERINGS BOOK

2026 – 2027

Half Hollow Hills High School

Course Offerings

2026-2027

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Preface

The Half Hollow Hills High School Course Offering Book has been prepared so that students and parents may familiarize themselves with the wide variety of available curriculum choices, and to provide an outline for planning students' academic programs as they move toward graduation. Our school counselors, teachers, and administrators are ready to help in the process of course selection. Additionally, at the end of each subject description you will find a flowchart to guide students and provide direction in planning for the future. Please make use of this valuable feature.

In developing programs of study, students should not seek merely to satisfy graduation requirements, but also to take advantage of as many educational opportunities as possible so that their high school experience will be both rich and rewarding. Having the advantage of a nine period school day affords students tremendous opportunities to take a variety of challenging and enriching courses.

This book contains a variety of courses available, ranging from 32 Advanced Placement (AP) classes through several personal enrichment electives in the five core subject areas. Additionally, there are numerous courses in Art, Business, Family and Consumer Science, Computers, Health, Music, and Physical Education. Several off-campus educational opportunities are offered for upperclassmen, including the performing arts programs at the Long Island High School for the Arts and over 30 programs at Wilson Tech.

The courses in this catalog are listed on a tentative basis. Enrollment drives our schedules and it should be noted that courses may not be offered in the upcoming school year if class enrollment is insufficient to meet budgetary guidelines.

New York State Graduation Requirement

Listed below are website links that describe the most up-to-date details related to graduation requirements, and the various "pathways to graduation" that the New York State Department of Education has implemented:

NYSED Diploma Requirements

NYSED "Pathways to Graduation"

NYSED Diploma & Credentials Summary Requirements

AP Capstone™ Program

Half Hollow Hills High School East and High School West are two of more than 2,000 high schools approved to offer the College Board's AP Capstone™ Diploma program. AP Capstone™ is a diploma program based on two year long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

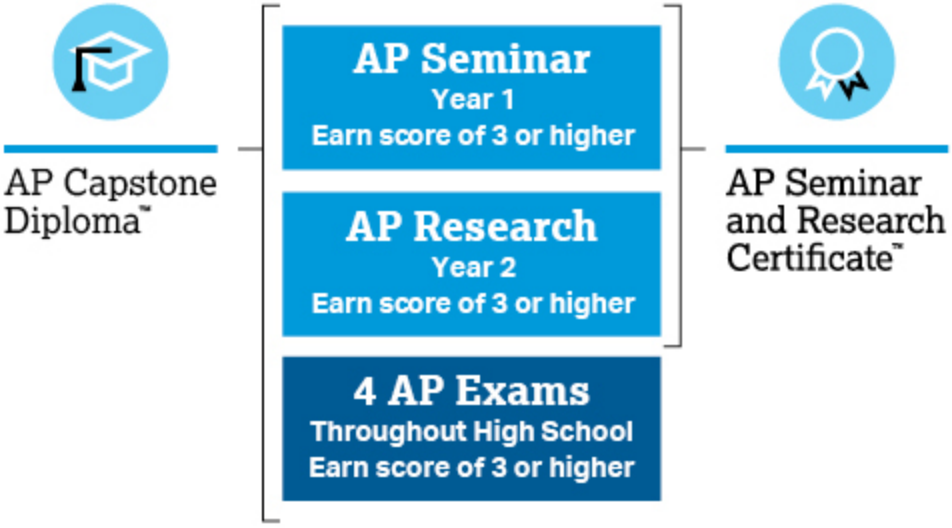


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WILSON TECH OCCUPATIONAL PROGRAMS (Grades 11-12 Only)

Program Requirements

Students should plan their programs with the intention not only of fulfilling minimum requirements, but also of taking full advantage of the many elective courses offered in the various departments. Following are the minimum number of periods for which a student in each grade must be scheduled:

GRADES 9, 10 & 11
7 instructional periods + physical education + lunch

GRADE 12
6 instructional periods + physical education + lunch

The regular school day consists of nine periods. Students are expected to be in school for the full nine periods. Therefore, they should not make any outside commitments, including employment, which will prevent them from fulfilling this school obligation.

The following pages include a listing of courses with the prerequisites and credits for each course. The selection of courses is a serious matter. It is recommended, therefore, that students and parents review these pages carefully in preparing programs for the next school year.

The selection of courses by students determines staffing, building utilization, schedule preparation, and other considerations which have a definite cost factor. Changes in students' course requests have significant negative implications in all these areas and in teaching students responsibility for their choices. Therefore, course request changes must be made in writing before the end of the school year. Requests for changes are subject to teacher and counselor recommendation; and seat availability.

Each course description in this catalog observes the following format:

Title of Course, Course #
Length of Course (½ year or full year), credit, and grade(s) offered

Academic Research

The research courses listed below are open to selected, motivated, accelerated students in grades 9-12. These students will have the opportunity to expand their horizons by doing research in any area of Mathematics, Science and Social Science. The students will be directed towards achieving goals such as writing a comprehensive scientific paper. The research courses are offered for the full year every other day.

Research 9* (Math/Science/Social Science) 9097

1 Year (every other day)	½ credit	Grade 9

**Co-requisite Requirement: Students enrolled in Research 9 must be enrolled in Intro to Statistics (3027), which runs on the alternate day of Research 9.*

Research 9 will expose students to research experiences that will prepare them in the future to design research projects and work in a research setting with mentors during the summer. The course is designed to teach many of the skills that will ease our students' transition into the world of research and to introduce these students to the work of their predecessors. Students will be introduced to both general and professional journal articles related to their area(s) of research interests and receive formal instruction in statistics. Students will be graded on a Pass/Fail basis and will receive ½ credit for the course. The selection process is based on Math and Science teacher recommendations, ELA scores, and previous research experience. Students completing Research 9 will receive a summer assignment that is handed in on the first day of their sophomore year research class.

Research 10/11 (Math/Science/Social Science) 9098

1 Year (every other day)	½ credit	Grade 10, 11

Research 10 and 11 will further develop the objectives of Research 9. Students will be expected to conduct primary literature searches and will be responsible for reading 2-3 primary citations per quarter. Students will be given the opportunity to explore local research opportunities at SUNY Stony Brook, Cold Spring Harbor Laboratories, and Brookhaven National Laboratories and may apply to a variety of summer research programs, both here and abroad. Additionally, students with previous original research will be assisted in writing their research reports and preparing for various competitions. Students will be given a numerical grade to be computed in their GPA and will receive ½ credit for the course. Juniors are required to conduct novel research to continue through their senior year. Sophomores are strongly encouraged to participate in either an original research project or an enrichment activity prior to their junior year.

Prerequisite: Students must apply every year and need the Research Director's approval.

Research 12 (Math/Science/Social Science 9099)

1 Year - (every other day)	1 credit	Grade 12

Open to students who participated in Research before and are ready to write a comprehensive scientific paper. Students must submit their research papers with all supporting documents to major competitions such as the the Regeneron Science Talent Search, the Long Island Science and Engineering Fair (LISEF), the International Science and Engineering Fair (ISEF), the Regional Junior Science and Humanities Symposium (JSHS) and many more. Students present poster boards, oral, and visual presentations in defense of their work to professional judges at these contests. Students' works have been published in science and math journals. Many students received college scholarships due to their original research results and have been accepted to the nation's finest colleges, universities and medical schools.Seniors will serve as role models to younger researchers. Students have the option of receiving pass/fail or a grade that will be computed into the student's average. They will receive 1 credit for the course.

Prerequisite: Students must apply every year and need the Research Director's approval.

AP CAPSTONE

AP Seminar 1008

1 year	1 credit	Grade 10 (NCAA Approved)

This AP level course fulfills the Grade 10 English requirement. In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. After taking AP Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Research.

AP Seminar Assessment: AP Seminar students are assessed with two through-course performance tasks and one end-of-course exam. The performance tasks consist of a team project and presentation, and an individual research-based essay and presentation. All three assessments are summative and are used to calculate a final AP score of 1 to 5. Written performance task components are scored by the College Board and presentations are teacher-scored. The end-of-course exam is in May; it takes two hours and consists of three short-answer questions and one essay question. -- College Board

Prerequisites: Students are encouraged to take Public Speaking, Current Events, and Computer Applications prior to or concurrent with this course.

AP Research 1009

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This AP level course fulfills the Grade 11 or Grade 12 English requirement.
This second course in the AP Capstone experience allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. –College Board

Prerequisites: AP Seminar and all required components. Introduction to Statistics is recommended either prior to or concurrent with AP Research. Students are also encouraged to take the English Regents exam prior to enrolling in AP Research. A minimum grade on the English Regents of 85% is preferred. Please note: this course may be taken as an English elective *in addition to* one of the required English courses.

Art Department
Foundation Courses:

Studio in Art, Creative Crafts, Media Arts I, Design & Drawing for Production I, and Music in Our Lives (see Music Department) fulfill the one-unit Art Requirement established by the New York State Education Department.

Studio in Art 7011

1 year	1 credit	Grades: 9, 10, 11, 12

An overview of the field of art, it embodies drawing and painting in various media, sculpture, three-dimensional design, and computer graphics. This course is recommended for students who intend to pursue a sequence in art. This course satisfies the NYSED art/music graduation requirement.
Prerequisite: None

Creative Crafts 7051

1 year	1 credit	Grades: 9, 10, 11, 12

This course is recommended for students with varying abilities who are interested in learning about the cultural origins and crafts in everyday life. It provides hands-on creative experiences in basic craft-making areas, which may include weaving, paper mache, ceramics, mosaic, plaster crafts, sculpture, and jewelry making. Students will have the opportunity to think creatively and share ideas while producing both functional and decorative pieces. This course satisfies the NYSED art/music graduation requirement.
Prerequisite: None

Media Arts I 7053

1 year	1 credit	Grades: 9, 10, 11, 12

This foundation course is recommended for students who are interested in digital design, photography, animation, filmmaking, and film studies. Students will explore a variety of cutting-edge technologies, learn to creatively communicate original ideas, and engage in the artistic process. It is aesthetically based and incorporates the elements of art and principles of design. Through a series of projects, students may explore photo manipulation, logo design, digital illustration, animation, filmmaking, web design, and much more.
This course satisfies the NYSED art/music graduation requirement.
Prerequisite: None

Design and Drawing for Production I 7018

1 year	1 credit	Grades: 9, 10, 11, 12

Design and Drawing for Production is an introduction to 3-D design as it relates to the industrial arts and architectural drawing techniques. Students will learn to create mechanical drawing plans, as well as Isometric & perspective drawings using mechanical drawing tools. Varying materials, such as wood, Sculpey, foam board, and CAD software will be used to complete 3D modeling projects. This is the preferred, but not required, introductory level course for the Architectural Design sequence. This course satisfies the NYSED art/music graduation requirement.
Prerequisite: None

ELECTIVE COURSES

Any combination of the following courses will lead to a sequence once a foundation course has been completed. While the courses listed below may be explored for personal enrichment, they do not fulfill the graduation requirements and may only be taken after a student has taken one of the "Foundation Art" courses listed above in 9th grade, "Studio in Art" in 8th grade, Music in Our Lives, or is satisfying the graduation requirement by participating in a music ensemble in 9th grade.

Design and Drawing for Production II 7019

1 year	1 credit	Grades: 10, 11, 12

Design and Drawing for Production II is a 3-D design class where students will apply their fundamental skills at a more advanced level. Students will create product-based 3-D models based on carefully executed plans. Drawings at this level consist of isometric and orthographic projections, exploded drawings, and perspective. Students will also start to develop a relationship between the arts and engineering.

Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble.

Design and Drawing for Production III 7020

1 year	1 credit	Grades: 10, 11, 12

Design and Drawing for Production III is an advanced level 3-D design class for students who are interested in pursuing the industrial arts and/or engineering at the college level. Students will continue to develop a design portfolio through drawing, mechanical plans, product construction, and 3-D digital modeling.

Prerequisite: Design and Drawing for Production II

Design and Drawing for Production IV 7021

1 year	1 credit	Grades: 11, 12

Design and Drawing for Production IV is an advanced level 3-D design class specifically for students who have completed the Design and Drawing for Production sequence and intend to study the industrial arts and/or engineering at the college level. Students at this level will refine their skills and organize a design portfolio.

Prerequisite: Design and Drawing for Production III

Drawing and Painting I 7055

1 year	1 credit	Grades: 9, 10, 11, 12

Drawing is the basis for all visual art making. Students can expect to gain a strong foundation in drawing and painting using a variety of mediums. Traditional and modern techniques for mastering multiple paint media, watercolor, pastel, ink, charcoal, and graphite. Exploration will include, but not be limited to, landscape, still life, the human figure, and portraiture. Students will work from both observation and their imagination. The ultimate goals of this course are to gain awareness and confidence in making all decisions with respect to composition, color, and design while increasing artistic self-confidence and producing successful works.

Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble, with Studio in Art as the preferred departmental choice.

Drawing and Painting II 7056

1 year	1 credit	Grades: 10, 11, 12

This course is available to those students who have already taken Drawing and Painting I and would like to continue to develop their skills. This year-long class will be an in-depth exploration of a wide variety of painting and drawing techniques utilizing various media. Traditional styles of painting and drawing will be combined with practical aspects of fine art including illustration and technology. Career opportunities in art-related fields will be explored. *This course is approved for dual enrollment in the Suffolk County Community College Beacon Program for 3 college credits. If college credit is desired, students must complete necessary paperwork and the per credit fee must be paid to the college.* **College credit is available to 10th, 11th, and 12th grade only. This course fulfills the SUNY General Education requirement for the Arts.
Prerequisite: Drawing and Painting I

Drawing and Painting III 7057

1 year	1 credit	Grades: 11, 12

This course can be taken as a preparatory class for students who plan to take AP Drawing or AP 2-D Design. It can also be taken by students who are interested in gaining expertise in the mediums of their choosing, experiencing the freedom of working intensely with several or many media including acrylics, oils, watercolors, pastels, charcoal, and pencil. Students will be guided in the creation of their own yearlong work plans culminating in an exhibition they will curate. Final evaluation of the course will conclude with a student portfolio. *This course is approved for dual enrollment in the Suffolk County Community College Beacon Program for 3 college credits. If college credit is desired, students must complete necessary paperwork and the per credit fee must be paid to the college.* **College credit is available to 10th, 11th, and 12th grade only. This course fulfills the SUNY General Education requirement for the Arts.
Prerequisite: Drawing & Painting II

Drawing and Painting IV 7058

1 year	1 credit	Grade: 12

Drawing & Painting IV is the final course in the Drawing & Painting Sequence. Designed specifically for students who choose not to pursue AP Drawing or AP 2-D Design, or rather students who need to increase their level of productivity in order to prepare for taking one of the AP Studio courses. Students will be encouraged to focus and hone in on a limited selection of materials of their choice in order to gain expertise and refine their skills in that chosen media. Students will also be given an opportunity to learn how to develop thematic work. Experimentation will be encouraged in order for students to strive to search and find their artistic voices.
Prerequisite: Drawing and Painting III

Design and Illustration I 7065

1 year	1 credit	Grades: 9, 10, 11, 12

This course emphasizes the originality and inventiveness in solving the practical problems that are inherent in an artist/illustrator's work. The field of design and illustration encompasses graphic novels, book illustration, concept design for animation, and storyboards for animated films. Coursework focuses on the skills necessary for visual storytelling and is applicable to a wide range of industries. Solid drawing skills are recommended.
Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble.

Design and Illustration II 7066

1 year	1 credit	Grades: 10, 11, 12

In this class, students will further their understanding of illustration by using prior knowledge and skills to experiment with various media and concepts. This program will continue to build the skills necessary for creative 21st-century thinkers. It will focus on techniques in penciling and inking as the fundamentals for producing art. In addition, students will learn to work with gouache and marker.
Prerequisite: Design and Illustration I

Design and Illustration III 7067

1 year	1 credit	Grades: 11, 12

In this advanced course, not only will students use and build on skills acquired in Design II, but they will also seek to understand the impact and power of image and narrative. The class will focus on the development of individual style while utilizing mediums that highlight personal strengths. The work produced in this course will help form a portfolio for college entrance.
Prerequisite: Design and Illustration II

Design and Illustration IV 7068

1 year	1 credit	Grade: 12

This course is an advanced-level design class specifically for students who have completed the Design and Illustration sequence and intend to study illustration at the college level. Students at this level will refine their skills and organize a design portfolio based on individual interests.
Prerequisite: Design and Illustration III

Fashion Illustration and Fashion Design I 7040

1 year	1 credit	Grades: 9, 10, 11, 12

Learn the methods and techniques of contemporary fashion illustration. Draw and dress the female fashion figure. You will explore the rendering of accessories and various fabrics and study the clothing styles of noted designers. By the end of this course, you will have developed your own personal style of fashion illustration and design. Students may need to supply some of the materials. Field trips may be taken to local fashion exhibits.
Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble.

Fashion Illustration and Fashion Design II 7041

1 year	1 credit	Grades: 10, 11, 12

Design and illustrate your own clothing. Continue to build your illustration skills and add to your knowledge of the world of fashion through an individualized program based on your own interests and needs. Students may need to supply some of the materials. Field trips may be taken to a fashion exhibit and design school. Portfolios for college applications will be stressed.
Prerequisite: Fashion Design & Illustration I

Fashion Illustration and Fashion Design III 7042

1 year	1 credit	Grades: 11, 12

Continue to explore the creative process of fashion through illustration and design with an introduction to basic sewing. Advanced illustration skills will be developed and utilized to create a body of work that stresses personal style and creativity. Designs will be exhibited throughout the year. Students may need to supply some of the materials.
Prerequisite: Fashion Design and Illustration I and II

Fashion Illustration and Fashion Design IV 7043

1 year	1 credit	Grade: 12

Embark on a guided exploration that will advance the understanding of 3-D fashion design as a creative art form. Students will select an area of concentration and build a body of work that reflects their artistic vision and style, which will be compiled into a final portfolio. Students may need to supply some of the materials.
Prerequisite: Fashion Illustration and Fashion Design III

Ceramics & Sculpture I 7014

1 year	1 credit	Grades: 9, 10, 11, 12

This course provides an exploration of three-dimensional media and techniques. Students will gain experience working with a variety of materials that may include paper, cardboard, wood, foam, found objects, plaster, wire, clay, and glazes. Students will begin to understand sculpture and ceramics as a three-dimensional art form. Time will be spent creating functional and fine art ceramics through the use of various ceramics and sculpture techniques, which may include coil building, slab building, relief carving, firing, and glaze application.
Prerequisite: Any of the foundation courses (Creative Crafts, Design and Drawing for Production I, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble.

Ceramics & Sculpture II 7015

1 year	1 credit	Grades: 10, 11, 12

Students will further their understanding of sculpture and ceramics as a three-dimensional art form, as well as a conceptual mode of communication. Students will apply the principles of art and design to solve abstract design problems. The potter's wheel will be introduced. Some materials utilized may include paper, cardboard, wood, plaster, foam, found objects, plaster, wire, clay, and specialty glazes.
Prerequisite: Ceramics and Sculpture I

Ceramics & Sculpture III 7016

1 year	1 credit	Grades: 11, 12

This course provides students with a guided exploration that will advance their understanding of three-dimensional art as a fine art form as well as a conceptual mode of communication. Throughout the course, students will further their understanding and application of the principles of design as they explore alternative materials and processes. Students will choose a concentration or theme and begin to build a body of work that reflects their artistic vision, voice, and style. Students will develop a digital portfolio of works supported by a personal artist statement. *Prerequisite*: Ceramics and Sculpture II

Ceramics & Sculpture IV 7017

1 year	1 credit	Grade: 12

This course provides students with a guided exploration that will advance their understanding of three-dimensional art as a fine art form as well as a conceptual mode of communication. Throughout the course, students will further their understanding and application of the principles of design as they explore alternative materials and processes. Students will choose a concentration or theme and begin to build a body of work that reflects their artistic vision, voice, and style. Students will develop a digital portfolio of works supported by a personal artist statement. *Prerequisite*: Ceramics and Sculpture III

Architectural Design I 7025

1 year	1 credit	Grades: 9, 10, 11, 12

Architectural Design I is an introduction to architectural drawing and modeling. The history of architecture, as well as key architects will be introduced. This course will provide students with the fundamental techniques needed to create scaled models, architectural sculpture, and 3D digital modeling. Projects include a variety of structural designs, such as residential buildings, and an introduction to commercial design. Students will work with a variety of materials and modeling tools. Drawings at this level will include floor plans, elevations, site plans, isometric, orthographic projections, and perspective.
Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art, or Music in Our Lives), or concurrent participation in a curricular music ensemble, with *Design and Drawing for Production I* as the preferred departmental choice.

Architectural Design II 7026

1 year	1 credit	Grades: 10, 11, 12

Architectural Design II is an advanced-level design class. Students will explore advanced techniques in architectural drawing, modeling, sculpture, 3-D digital modeling, and planning. Students will continue to develop their 3-D digital modeling skills, using the latest technology, which will prepare them with college/career-related skills. Drawings at this level include; perspective, floor plans, elevations, site plans, and isometric & orthographic projections. Projects will include a variety of complex structural designs, such as commercial architecture, extreme site planning & modeling, as well as architectural rendering.
Prerequisite: Architectural Design I

Architectural Design III 7027

1 year	1 credit	Grades: 11, 12

Architectural Design III is an advanced-level design class for students who plan on pursuing architecture at the college level. Students will explore advanced techniques in architectural drawing, modeling, sculpture, 3-D digital modeling, and planning. These students will develop a portfolio that demonstrates high-level skills in drawing, modeling, digital modeling, and experimental design.
Prerequisite: Architectural Design II

Architectural Design IV 7028

1 year	1 credit	Grade: 12

Architectural Design IV is an advanced-level design class for students who have completed the architectural design sequence and plan on pursuing architecture at the college level. Students will create a portfolio consisting of the many projects completed throughout the sequence and will include work from other art classes as well. In addition, students will use all prior knowledge and skills to manipulate and experiment with various materials and architectural concepts.
Prerequisite: Architectural Design III

Photography I 7029

1 year	1 credit	Grades: 9, 10, 11, 12

In this course, students will view the world through the camera lens, both film and digital, explore fine art photography and printing techniques. Students will learn the mechanics of camera operation, black-and-white film processing, and darkroom techniques, as well as gain an understanding of compositional elements. Basic digital tools will also be introduced. Students will examine the works of significant photographers. Optional field trips may be planned. All chemicals and equipment are provided for the course; however, students must provide their own 35mm SLR film camera, film, and photographic paper. Digital cameras are optional. Students may need to purchase additional supplies.

Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts I, Studio in Art or Music in Our Lives), or concurrent participation in a curricular music ensemble, with Studio in Art or Media Arts as the preferred departmental choice.

Photography II 7030

1 year	1 credit	Grades: 10, 11, 12

In this advanced photography course, students will continue to develop the art and techniques of making photographs, both film and digital. They will learn more about film exposure, improve darkroom printing skills, and receive an introduction to alternative photographic processes. As an enhancement to the traditional darkroom process, students will explore digital cameras, scanners, and computer software. They will also study the leading movements and photographers in the history of photographic image-making. Optional field trips may be planned. A working 35mm SLR film camera and digital camera are required. All chemicals and equipment are provided for the course; however, students may need to purchase additional supplies. *This course is approved for dual enrollment in the Suffolk County Community College Beacon Program for 3 college credits. If college credit is desired, students must complete necessary paperwork and the per credit fee must be paid to the college.* **College credit is available to 10th, 11th, and 12th grade only. This course fulfills the SUNY General Education requirement for the Arts.

Prerequisite: Photography I

Photography III 7031

1 year	1 credit	Grades: 11, 12

This course offers art students the opportunity to further expand their technical ability and visual sensitivity through the completion of a series of major projects in photography. Students may choose to work with traditional photographic methods and master alternative processes, including digital photography and computer enhancement software. Projects will reflect the student's understanding of specific photographers or styles of photography. The photographs produced in this course will help prepare the student for possible entrance into AP Studio Art 2-D Design. Optional field trips may be planned. *This course is approved for dual enrollment in the Suffolk County Community College Beacon Program for 3 college credits. If college credit is desired, students must complete necessary paperwork and the per credit fee must be paid to the college.* **College credit is available to 10th, 11th, and 12th grade only. This course fulfills the SUNY General Education requirement for the Arts.

Prerequisite: Photography II

Photography IV 7032

1 year	1 credit	Grade: 12

Digital cameras have forever changed the way the world views the art of creating photos. This is an advanced photography course that explores current media trends in digital photography. Students will work in both traditional and digital formats, perfecting advanced darkroom techniques and applying this knowledge to create sophisticated digital works. Digital photographic equipment, theory, and processes will be emphasized to enhance students' creative expression and enable them to produce a portfolio of dynamic color work. Students may choose to continue to use their 35mm film cameras but also must provide their own digital camera with manual functions.
Prerequisite: Photography III

Media Arts II 7061

1 year	1 credit	Grades: 10, 11, 12

This course is for students who have completed Media Arts I. This course delves deeper into the concepts of Digital Art and using the computer for design. Students continue to learn more about the advanced techniques of photo editing, illustration, 3-D design, and filmmaking. Students will continue the development of their digital portfolio in preparation for future endeavors.
Prerequisite: Media Arts I

Media Arts III 7062

1 year	1 credit	Grades: 11, 12

This course will allow advanced Media Arts II students to explore ideas and techniques under the direction of the Media Arts teacher. The primary goal will be to produce a sophisticated and diverse repertoire of visual Digital artwork and multimedia applications. An awareness of and an ability to apply technologies and techniques learned in Media Arts I and II will be expected. Students will refine and enhance skills in planning, problem-solving, creating, developing, and testing. A further emphasis on creativity will also be required.

Prerequisite: Media Arts II

Media Arts IV 7063

1 year	1 credit	Grade: 12

This course is an advanced class designed to be the culminating course in the Media Arts sequence. It is geared toward the college-bound Media Arts student interested in creating a portfolio of work for college admission and to begin exploring their own personal voice as an artist. Emphasis will be placed on visual storytelling, advanced photo manipulation, and digital drawing techniques.

Prerequisite: Media Arts III

Game Design I 7070

½ year	½ credit	Grades: 9, 10, 11, 12

This course is intended to give students an introduction to digital game design with an emphasis on basic game design tools, story structure, and user testing. Students will explore the history of electronic game development and investigate the processes involved in the creation of games from initial concept and outline to the final product.
Prerequisite: Basic computer skills and completion of a foundation course in the arts is strongly suggested.

Game Design II 7073

½ year	½ credit	Grades: 9, 10, 11, 12

This course will enable students to further analyze and explore the concepts of story structure, pixel art, animation, and sound design culminating in a fully functional original video game.
Prerequisite: Game Design I

Theatre Arts & Production 7080

½ year*	½ credit*	Grades: 9, 10, 11, 12

Theatre Arts and Production is a comprehensive exploration of Drama and Musical Theatre. Students will build confidence and communication skills; develop acting techniques; participate in improvisational exercises; and analyze dramatic texts.
Through collaborative projects and performance opportunities, students will receive rigorous training in the artistry of theatre while bringing stories to life; both on stage and behind the scenes. The course will blend creative expression with the technical aspects of stage production. (set design, costume design, etc.) Field trips to live performances and class visitations from industry professionals will be included throughout the course.
This course is perfect for students eager to explore their creative potential, develop their dramatic performance skills, and contribute to professional-level theatrical productions. **This course may be repeated as desired.*

Advanced Placement is offered to students who plan to study art as a career. Students will receive instruction in portfolio preparation in fine arts, two-dimensional and three-dimensional design, or may receive comprehensive instruction in art history.

Advanced Placement Drawing 7033

1 year	1 credit	Grades: 11, 12

The drawing portfolio is designed 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 will be addressed. Students are expected to submit a portfolio for A.P. credit, as assessment for the course is based upon the A.P. portfolio criteria.
Prerequisite: Students must have a qualifying portfolio and departmental recommendation. Courses required: Studio in Art, Drawing and Painting I, and Drawing and Painting II or Design and Illustration.

Advanced Placement 2-D Art and Design 7034

1 year	1 credit	Grades: 11, 12

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. Students are expected to submit a portfolio for A.P. credit, as assessment for the course is based upon the A.P. portfolio criteria.
Prerequisite: Students must have a qualifying portfolio and departmental recommendation. Courses required: Any one (1) foundation course plus a 2 or 3-year concentration in Fine Art (Drawing and Painting), Photography, Fashion Illustration and Design, or Design and Illustration.

Advanced Placement 3-D Art and Design 7035

1 year	1 credit	Grades: 11, 12

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. Students are expected to submit a portfolio for A.P. credit, as assessment for the course is based upon the A.P. portfolio criteria.
Prerequisite: Students must have a qualifying portfolio and departmental recommendation. Courses required: Studio in Art or Creative Crafts plus Ceramics and Sculpture I + II

Advanced Placement Art History 7036

1 year	1 credit	Grades: 11, 12

AP Art History is designed to give students an understanding of the history of art through the ages. Through class study and discussion and viewing masterpieces both in class and through various museum visitations, students will explore aesthetic and social concerns in art. Students will demonstrate mastery of social and religious influences in art, sculpture, and architecture. Students will view and discuss works of art from antiquity to the present time from the United States, Europe, and various multicultural settings, demonstrating mastery of art concepts and vocabulary when describing artwork. Students will be required to take the A.P. Art History Exam as part of their final assessment in this course. *This course is approved for dual enrollment in the Suffolk County Community College Beacon Program for 3 college credits. If college credit is desired, students must complete necessary paperwork and the per credit fee must be paid to the college.* **College credit is available to 10th, 11th, and 12th grade only. This course fulfills the SUNY General Education requirement for the Arts. *Prerequisite:* Any one (1) "Foundation Course" listed above and departmental recommendation.

Half Hollow Hills Visual Arts Conservatory is a district-sponsored program designed to recognize student commitment and achievement in the Visual Arts. The program includes academic, leadership, and portfolio-based components connected to the Visual Arts curriculum. The Conservatory will assist students in the development of the 21st-century skills necessary to compete in a global job market, which now demands a workforce of creative problem solvers.

Through creative and disciplined exploration, students participate in studio activities that involve structured investigation, self-reflection, critique, aesthetics, historical context, and multiculturalism. Graduates are prepared to begin an advanced degree in a competitive college environment. Students who choose to participate in the Visual Arts Conservatory will receive a strong foundation in Visual Arts concepts, and the skills necessary to go forward as independent, responsible, and self-directed learners. Students will gain the confidence needed to explore problems, take risks, and turn challenges into numerous possibilities for their future career choices.

Upon completion of the corresponding program requirements students will receive a designation of Distinction in Visual Arts or Advanced Distinction in Visual Arts on their official transcripts. The appropriate club advisors and your guidance counselor must sign the completed form before submission to your primary art teacher by May 1st.

Program Overview:

Distinction in Visual Arts

- 4 Visual Arts credits
- Overall average: 85% minimum
- Active member in good standing of the National Art Honor Society (NAHS) for one (1) full year.
- Active member in good standing for a minimum of one (1) full year in any one (1) of the following extra-curricular visual arts clubs which may include the following: Art/ Media Club, Architecture Club, Fashion Club, Photo Club, Stage Crew, Yearbook, Photojournalism, and/ or Newspaper.
- Completion of two (2) courses in one of the departmental sequences, ie. *Ceramics & Sculpture I* and *Ceramics & Sculpture II, Design & Drawing for Production I,* and *Design & Drawing for Production II.*

Advanced Distinction in Visual Arts

- 5 Visual Arts credits (In addition to the HHH visual arts courses, the 5th credit may also be obtained by the completion of a music performance ensemble)
- Overall average: 90% minimum
- Active member in good standing of the National Art Honor Society (NAHS) for two (2) full years.
- Active member in good standing for a minimum of two (2) full years in any one (1) of the following extra-curricular visual arts clubs which may include the following: Art/ Media Club, Architecture Club, Fashion Club, Photo Club, Stage Crew, Yearbook, Photojournalism, and/or Newspaper.
- Completion of one (1) Advanced Placement Course in Art, which may include: *AP Studio 2-D, AP 2-D in Photo, AP Studio 3-D, AP Studio in Drawing,* and/or *AP Art History.*
- Students seeking the Advanced Distinction will present their portfolio to their primary teacher for approval before the May 1st deadline.

ART DEPARTMENT

FOUNDATIONS

- STUDIO ART
- MEDIA ARTS
- DESIGN & DRAWING FOR PRODUCTION
- CREATIVE CRAFTS

ELECTIVES

- DRAWING & PAINTING I - IV
- ADVANCED MEDIA ARTS II - IV
- DESIGN & DRAWING FOR PRODUCTION II - IV
- CERAMICS & SCULPTURE I - IV
- FASHION DESIGN & ILLUSTRATION I - IV
- PHOTOGRAPHY I - IV
- ARCHITECTURAL DESIGN I - IV
- IPC ART
- DESIGN & ILLUSTRATION I - IV
- GAME DESIGN I & II
- THEATER ARTS & PRODUCTION

ADVANCED PLACEMENT

- AP ART HISTORY
- AP DRAWING
- AP 2D ART & AP 2D PHOTO
- AP 3D DESIGN

Business Academy

Half Hollow Hills Business Academy is a District sponsored diploma program consisting of academic, leadership and project-based components connected to the Business curriculum. Students who choose to participate in the Business Academy will be instructed in the 7 skill areas which ensure the success of all students: Critical Thinking and Problem Solving, Collaboration Across Networks and Leading by Influence, Agility and Adaptability, Initiative and Entrepreneurship, Effective Oral and Written Communication, Accessing and Analyzing Information, Curiosity and Imagination.

Upon completion of the corresponding program requirements students will receive an Associate or Executive designation.

Program overview:

- *Associate Designation*
  - *3 Business credits*
  - *Overall average: 85%*
  - *Active membership for a minimum of one full year in one business club – DECA, FBLA, Business Honor Society*
- *Executive Designation*
  - *4 Business credits*
  - *Overall average: 90%*
  - *Active membership for a minimum of one full year in two business clubs – DECA, FBLA, Business Honor Society*
  - *Completion of a senior project. The senior project will be determined at the beginning of each year. Students seeking the Executive Designation will present their project to the HHH School/Business partnership in May of each year.*

AP Business & Personal Finance 6070

1 year	1 credit	Grades: 10, 11, 12

In AP Business & Personal Finance, students tackle case studies, develop their own business ideas, and act as financial advisors. The course complements career and technical student organizations such as DECA and FBLA, to help students prepare for competitions while providing the opportunity to earn college credit, and meet a graduation requirement for personal finance. AP Business also gives students an introduction to marketing, entrepreneurship and management through exciting projects and course activities. Students will also get the opportunity to create a new business idea, and learn the appropriate ways to bring that concept to reality!

Accounting I 6014

1 year	1 credit	Grades: 9, 10, 11, 12

Designed to develop occupational competencies in accounting, this full-year course is also recommended for students going on to post-secondary accounting training. Course content encompasses the complete accounting cycle, but major emphasis is placed on the accounting process through the trial balance. Financial Statements are covered in this course. Balance Sheet and Income Statement are the two major statements covered as well as important component percentage factors that contribute to the interpretation of these statements to the decision making of businesses.

Advertising 6095

½ year	½ credit	Grades: 9, 10, 11, 12

Have you ever wondered how important advertising is to a business? Why Super Bowl commercials are so highly regarded in the industry? From television commercials to newspaper advertisements, this course will introduce students to the world of advertising. This half-year course introduces students to a variety of career opportunities in advertising agencies, mass media, and advertising departments in business firms. The students will be given the opportunity to create their own company and/or product. Once the idea is developed, the students will organize an advertising campaign on many different levels to promote and sell their brand. Students will also have the ability to enter the King of the Hills competition (Shark Tank like challenge) through the School to Business Partnership.

Business Law I 6023

1 year	1 credit	Grades: 9, 10, 11, 12 (NCAA Approved)

Business Law I is designed to introduce students to a wide range of legal issues that influence them personally and professionally. The course will provide an overview of economic systems and the legal forms of business found in each. Additional topics covered include, consumer rights, employment law and legal issues of doing business on the Internet (cyber law). Students will also be introduced to the financial responsibilities and legal aspects of mortgages and home ownership. The material covered in Business Law I will enhance the skills sets necessary to succeed in the 21st Century.

Business Ownership And Marketing 6022

1 year	1 credit	Grades: 9, 10, 11, 12

This course is for students who may aspire to be business owners or to pursue the study of business administration at the 2-year or 4-year college. The course provides a foundation of content upon which advanced study in business administration can be built. It also provides insights into the major facets of business ownership.

Fashion Marketing 6040

½ year	½ credit	Grades: 9, 10, 11, 12

Seventh Avenue... look out! Get ready to learn about one of the most exciting and competitive businesses in the world! Fashion from all angles! Do you dream of designers such as Calvin Klein, Donna Karan, or Ralph Lauren? Students will be introduced to the terminology and fundamentals of the fashion industry in which marketing and retailing play a vital role. You will be introduced to the retail industry, retailing strategies, store operations, and retailing careers. This course is designed to give you the latest information on the trends which will affect every aspect of how you look and dress.

International Business 6043

½ year	½ credit	Grades: 9, 10, 11, 12

Are you interested in starting your own business or growing your business to sell your products to people in other countries? In this class you will explore other cultures, business customs, importing and exporting, foreign exchange rates, international financial markets, international banking, and multinational business operations. It includes all aspects of international business, entrepreneurship and globalization.

Intro to Business & Finance 6044

1 year	1 credit	Grades: 9, 10, 11, 12

This course will help students grasp the essentials of personal finance, gives them multiple opportunities for hands-on practice of core skills and showcases the real-world impact of the financial decisions they make. Students will learn how to develop personal budgets, handle checking and savings accounts, interpret investment options, manage credit wisely, understand the banking system, evaluate insurance needs and analyze the mortgage process. Participate in a stock market game and learn how to buy, short and sell stocks within a real-time market environment.

Intro to Real Estate 6026

1 year	1 credit	Grades: 9, 10, 11, 12

Are you curious about the world of real estate and eager to explore the keys to success in this dynamic industry? This course is designed to provide students with a foundational understanding of the real estate market, its key principles, and the essential skills needed for success in this exciting field. From the basics of property ownership to the intricacies of real estate transactions, this course is crafted to empower students with practical insights and real-world applications.

Honors Senior Experience 6080

1 year combined with English 12 and Government (2 credits)	Grade: 12 (NCAA Approved)

Senior Experience is an interdisciplinary class that provides real-world application of the skills and knowledge students acquire prior to entering twelfth grade. In unique and meaningful ways, the course connects the learning that happens in the classroom to the larger world and business community. Students attend a double-period humanities class three days per week and attend an internship of their choosing two days per week. The curricular portion of Senior Year Experience is taught by an English and Social Studies teacher and has been thematically designed around a host of modern global issues that affect students' daily lives. The internship portion of the class gives students hands-on work experience in their chosen profession/interest for a minimum of four hours per week. This course satisfies the English12, and Government/ Economics requirements, as well as a Business component for the Business Academy.

Sports Marketing 6038

1 year	1 credit	Grades: 9, 10, 11, 12

Sports marketing is the practice of utilizing teams, venues, athletes, sports events, and sports media to separate a brand from its competitors. Sports Marketers understand how to use the assets of sports entities individually, or in combination, to drive consumers to purchase products such as tickets and merchandise. This course will offer the student a frame-work to understand the sports business industry, and the impact that industry has on our economy. Students will learn through marketing and promotional concepts, how to succeed in sports business and lead their team to victory.

** College Credit Bearing Courses*

College Accounting Principles I 6016

1 year	* 1 HS credit	** Grades: 10, 11, 12

Pupils will learn the fundamentals in accounting theory and practice, as well as analytical skills which can be applied to financial records. The theory of accounts as applied to single proprietorships, partnerships, and corporations will be taught in class. Knowledge of these fundamentals will be advantageous to students who intend to study accounting on a higher level. Corporate accounting is covered in much greater detail in this course. Corporate tax rates, Earning per share ratio, Price-Earnings ratio and Retained earnings are learned. Those statements include Statement of Stockholders Equity, Post-Closing Trial Balance, Budgeting Worksheet and Cash Flow Statement. Accounting theories are incorporated into real life business decisions and present day examples are covered in class.

Three (3) college credits can be earned through Long Island University upon completion of this course. Students will be required to register in the fall for Accounting Principles I and in the spring for Accounting Principles II. Prerequisite: Accounting I. 10th graders only upon recommendation of your Guidance Counselor.*

College Legal Environment of Business (Business Law II) 6024

1 year	* 1 HS credit	** Grades: 10, 11, 12 (NCAA Approved)

College Business Law builds upon the foundation of knowledge and skills acquired from Business Law I. Areas covered include, the legal system, criminal and tort law, contracts, bailments, personal and real property and international law. Students will analyze real world cases and develop their own conclusions based on what they learn in class. Students must be able to distinguish unethical behavior from illegal behavior and to understand the rising importance of social responsibility as an aspect of corporations and organizations in a global society. The material covered in the College Business Law course is reinforced and enhanced through the use of technology, guest speakers, videos and hands-on, project-based activities whenever possible.

**Three (3) college credits can be earned through Long Island University upon completion of this course. **Prerequisite: Business Law I. 10th graders only upon recommendation of a Guidance Counselor.*

College Marketing Practices & Principles 6021

1 year	* 1 HS credit	** Grades: 10, 11, 12

In this course, students will learn marketing principles, strategies, and skills necessary to succeed in the business environment, and at the college/university business level. Course work includes promotional concepts, pricing techniques, place distribution functions, product development and planning strategies, and market segmentation through target markets. SWOT analysis, and market research ideas, will be used to understand the customer, and to succeed in the exciting field of marketing. Marketing principles also incorporate key DECA course materials.

**Three (3) college credits can be earned through Long Island University upon completion of this course. **Prerequisite: Business Ownership and Marketing, Sports Marketing, Advertising or Fashion. 10th graders only upon recommendation of a Guidance Counselor.*

College Sports Management 6042 *

1 year	* 1 HS credit	** Grades: 10, 11, 12

The purpose of this class is to provide an overview of the sport industry that introduces the student to the basic fundamental knowledge and skill sets required of the sport manager to solve sport business problems. Focus will also be placed on understanding career options in the sport industry and preparing for employment. Identifies necessary competencies for Sport managers.

**Three (3) college credits can be earned through Long Island University upon completion of this course.*

***Prerequisite: Sports Marketing. 10th graders only upon recommendation of a Guidance Counselor.*

English Regents 9 1020

1 year	1 credit	Grade 9 (NCAA Approved)

English 9R begins students on a journey of self-discovery through the lens of the hero archetype. Students will read literary works that explore essential and guided questions within this theme, i.e., historical novels and plays, essays, articles, poems, and short stories. They will maintain a writing portfolio that includes responses to the literature, nonfiction, and informational texts they study throughout the year. Students will be required to complete one research paper for the year. The course concludes with a district-wide, departmental examination. Students are also encouraged to complete a summer reading assignment prior to the onset of the first marking period.

English Honors 9 1010

1 year	1 credit	Grade 9 (NCAA Approved)

Honors English includes all of the components of English 9R plus the following:

- A year-long independent study project
- A more critical, in-depth study of all the genres covered in English 9R
- Advanced level text choices in all genres

Prerequisite: Minimum of 85% in English 8

English Regents 10 1021

1 year	1 credit	Grade 10 (NCAA Approved)

In English 10R, students move beyond the study of archetypes and focus on individualism and identity as the building blocks of literature and life. Students will read literary works that explore the paradoxical nature of war and peace, love and hate, group and individual, gain and loss, hypocrisy and integrity, and superiority and inferiority. The genres of primary focus in this year are memoirs, articles, essays, speeches, and 20th century novels, short stories, and poems. Students will advance their study of research and will complete one research paper for the year. The course concludes with a district-wide, departmental examination. Students are also encouraged to complete a summer reading assignment prior to the onset of the first marking period.

English Honors 10 1011

1 year	1 credit	Grade 10 (NCAA Approved)

Honors English 10 includes all of the components of English 10R plus the following:

- A year-long independent study project
- A more critical, in-depth study of all the genres covered in Eng 10R
- Advanced level text choices in all genres

Prerequisite: Minimum of 85% in English 9 or departmental recommendation.

ELA/ENL 9/10 1200

1 year	1 credit	Grades 9, 10

ELA/ENL is a multi-level course designed for students with limited English proficiency. Taught by both an English teacher and an ESL teacher, the class combines the essential elements of English 9 and English 10 framed within the instructional scaffolds required for a multilingual classroom. Students will read literary works that explore essential and guided questions. They will maintain a writing portfolio that includes responses to literature, nonfiction, and informational texts. The course concludes with a district-wide, departmental examination.

AP Seminar (English 10AP) 1008

1 year	1 credit	Grade 10 (NCAA Approved)

This AP level course fulfills the Grade 10 English requirement. In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. After taking AP Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Research.

AP Seminar Assessment: AP Seminar students are assessed with two through-course performance tasks and one end-of-course exam. The performance tasks consist of a team project and presentation, and an individual research-based essay and presentation. All three assessments are summative and are used to calculate a final AP score of 1 to 5. Written performance task components are scored by the College Board and presentations are teacher-scored. The end-of-course exam is in May; it takes two hours and consists of three short-answer questions and one essay question. -- College Board

Prerequisites: Students are encouraged to take Public Speaking, Current Events, and Computer Applications prior to or concurrent with this course.

English Regents 11 1022

1 year	1 credit	Grade 11 (NCAA Approved)

In English 11R, students will study the American experience through the lens of American literature and popular culture starting with the question, "To what extent do competing values impede upon or shape the American Dream?" Students will examine literary works that explore the triumphs and challenges chronicled as the American experience. Within this context, and in addition to whole class shared texts in all genres, students will review skills and strategies needed for the New York State English Language Arts Regents Examination, and begin the study of literary criticism. They will be required to write either a literary criticism paper using one of the following suggested literary theories: comparative literature; feminist; Marxist; reader response; or psychoanalytic, or a research paper on the American Dream. Students are also encouraged to complete a summer reading assignment prior to the onset of the first marking period.

English Honors 11 1012

1 year	1 credit	Grade 11 (NCAA Approved)

Honors English 11 includes all of the components of English 11R plus the following:

- A year-long independent study project
- A more critical, in-depth study of all the genres covered in English 11R
- Advanced level text choices in all genres

Prerequisite: Minimum of 85% in English 10 or departmental recommendation.

Contemporary Issues in Literature and Composition 1023

1 year	1 credit	Grade 12 (NCAA Approved)

This course combines the two previous 12th grade courses, College Writing and Contemporary Literature into one year long course. Composition will cover narration, argumentation, and exposition for both analytical study and as assigned writing. Literature will cover analysis and evaluation of modern fiction and nonfiction texts. Possible titles may include but are not limited to: *Born A Crime*, *The Catcher in the Rye*, *The Namesake*, *The Pursuit of Happyness*, *Unbroken*, and *When Breath Becomes Air*. Students will be evaluated on journals, quizzes/tests, essays, projects, and a portfolio. In addition, all students are required to complete a summer reading assignment.

Honors Senior Experience ELA 1080

1 year	2 credits	Grade 12 (NCAA Approved)

Note: (This 2 credit course is taken in conjunction with Senior Experience Social Studies and satisfies the English 12 and Government/Economics requirements. It is one of the qualifying classes for the Business Academy.) Senior Year Experience is an interdisciplinary class that provides real-world application of the skills and knowledge students acquire prior to entering twelfth grade. In unique and meaningful ways, the course connects the learning that happens in the classroom to the larger world and business community. It promotes independence, self-discipline, initiative, advocacy, and the ability to be an effective communicator and leader. Students attend a double-period humanities class three days per week and attend an internship of their choosing two days per week. The curricular portion of Senior Year Experience is taught by an English and social studies teacher and has been thematically designed around a host of modern global issues that affect students' daily lives. The internship portion of the class gives students hands-on work experience in their chosen profession/ interest for a minimum of four hours per week. The curriculum bridges themes students study in class with their internship experiences. By gaining an understanding of these themes and real-world connections, students broaden their background knowledge and strengthen their ability to positively participate in the world around them. This course satisfies the English 12 and Government/Economics requirements, and is one of the qualifying classes for the Business Academy.

Prerequisite: Applicants for Senior Experience are reviewed and/or interviewed by a committee that may include administrators, teachers, and guidance counselors.

College Writing I and II: Composition, Analysis, Research, and Argument 1017

1 year	1 credit	Grade 12 (NCAA Approved)

This course (formerly called College English) is part of the Long Island University/C. W. Post Scholars Program. It carries optional dual credit: six college credits applicable to advanced standing as a college freshman and one high school honors credit which can be used toward fulfilling the high school graduation requirement. All aspects of expository and persuasive writing are emphasized, specifically literary theory/literary criticism. Students study various cultural aspects of literature – American, British, Medieval, Multicultural, World through various literary theory lenses – Psychoanalytic, Gender, Social Class, Marxist, Feminist, New Criticism, New Historicism, Reader Response, and others. A literary criticism paper is required. The course concludes with a final project or presentation. Students are expected to complete a summer reading assignment.
Prerequisite: A minimum un-weighted average of 85 in English 11(Long Island University requirement) or departmental recommendation.

ELA/ENL 11/12 1203

1 year	1 credit	Grades 11, 12

ELA/ENL is a multi-level course designed for students with limited English proficiency. Taught by both an English and an ESL teacher, the class combines the essential elements of English 11 and 12 framed within the instructional scaffolds required for a multilingual classroom. Students will read literary works that explore the American experience. They will be evaluated on journals, quizzes/tests, essays, projects, and a portfolio. Students will also review skills and strategies needed for the New York State English Language Arts Regents.

AP African American Studies (ELA) 1005

1 year	1 credit	Grades 11, 12 (NCAA Approved)

The AP African American Studies course examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. Due to the integrative nature of the course, we are offering credit in both the English and Social Studies Departments. Students may take AP African American Studies as a social studies or English elective in either their junior or senior year, or 12th grade students can elect to take the course to fulfill their required 12th grade English OR Social Studies credit.
*Students will be qualified and expected to take the AP Exam.

AP English Language and Composition 1016

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course is designed for eleventh or twelfth grade students who have done quality work in ELA classes, or for students who are looking for a challenge with nontraditional English instruction. This course is also geared toward students who want to experience a class on par with a college level English Composition course. Building on the theme of the American experience outlined in eleventh grade, Students in AP Language and Composition will study American prose (nonfiction and fiction) written from the 19th century through the 21st century. They will analyze both the content of the text and the author's purpose in creating the text. Students will also learn how to determine the influence that an author's phrasing, word choice, rhetorical devices and conventions have on the reader. Moreover, they will use this study to enhance their own writing skills by applying the strategies of their studied authors to their own exposition. As stated in The College Board's description, "the purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose that is rich enough and complex enough for mature readers."

*This course does not have any prerequisites nor a summer reading component. It is suggested that students who have an average of 90% or higher take this course, but all students are welcome.

AP English Literature and Composition 1014

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course is designed for students who have exemplary performance in English, have demonstrated mastery level work, and want to experience a class on par with a college level English literature course. Students in AP Literature will study a variety of literary genres from the 16th –21st century, and as stated in The College Board's description, will be "of recognized literary merit." Students will learn how to consider a work's structure, style, and themes, as well as the use of figurative language, imagery, symbolism, and tone. Students will also learn to "consider the social and historical values [the work] reflects and embodies." They will use this study to enhance their own writing skills by applying the strategies of their studied authors to their own literary criticism and creative writing. This course includes a required paper (research, literary criticism) and a summer assignment due on the first day of class.

Prerequisite: A minimum average of 90 in English 10 or 11 and departmental recommendation. Students will be qualified and expected to take the AP Exam.

AP Research (ELA) 1009

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This AP level course fulfills the Grade 11 or Grade 12 English requirement.

This second course in the AP Capstone experience allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. –College Board

Prerequisites: AP Seminar and all required components. Introduction to Statistics is recommended either prior to or concurrent with AP Research. Students are also encouraged to take the English Regents exam prior to enrolling in AP Research. A minimum grade on the English Regents of 85% is preferred. Please note, this course may be taken as an English elective *in addition to* one of the required English courses.

English Elective Courses

Students enrolled in elective courses must also be enrolled in one of the required grade level courses previously listed. Following are the English Department electives:

Creative Writing I 1050, Creative Writing II 1051

½ year (annual)	½ credit	Grades 9, 10, 11, 12 (NCAA Approved)

This course is designed to help students develop original written works through craft study of short stories, essays, poems, novellas, and plays. Students are expected to develop complex pieces of writing within these genres. Literary works completed in this course will be considered for inclusion in the District's literary magazines and will be entered into a wide variety of writing competitions. The second level course provides students with a more intense writing experience. Students will be expected to develop richer, longer, and more complex pieces of writing. Creative Writing I is a prerequisite for Creative Writing II.

College Writing Culture: Introduction to Creative Nonfiction 1007

½ year (annual)	½ credit	Grades 9, 10, 11, 12

This course provides an introduction to creative nonfiction, a genre that encompasses many kinds of prose: memoir, biography, travel writing, science writing, and literary journalism, to name a few. In this class, students will read and reflect upon a variety of creative nonfiction texts, as well as compose their own essays. Students will have the freedom to explore a wide range of topics and experiment broadly with voice, style, form, and the use of research to enrich their writing. Creative nonfiction also draws from poetic approaches to language, including imagery, metaphor, tone, and shifts in point of view and perspective. Since this is an intensive writing class, we'll often engage in writing workshops in class, including brainstorming and freewriting activities, and structured peer critiques. Students will have the option of registering for three college credits through Syracuse University's Project Advance program.

Debate 1061

½ year (annual)	½ credit	Grades 9, 10, 11, 12 (NCAA Approved)

This course is designed for students interested in the fields of law, government, collective bargaining, negotiations, media, and communications. Debate will follow the Lincoln/Douglas format. Public speaking skills will be reinforced and students will be able to think on their feet and defend their ideas logically. Current moral issues affecting students' daily lives will be debated. All research and presentation work will be done during class time. *Prerequisite:* Public Speaking or departmental permission.

(Film 1) College Mastering the Movies 1066

½ year (annual)	½ credit	Grades 9, 10, 11, 12

This course offers students an introduction to film, including a basic familiarity with the terminology of film production and with techniques of film analysis. The course emphasizes critical viewing and writing, with attention to cinematography, editing, sound, narrative, authorship, genre and ideology. The course also offers an introduction to multiple cinematic traditions from across the globe. Students will have the option of registering for three college credits through Stony Brook University's ACE program.

Film Criticism II 1067

½ year (annual)	½ credit	Grades 9, 10, 11, 12

Just because a group of people see the same movie doesn't mean they will all interpret it the same way. Some may love the film, others may hate it. How is this possible? In this class, you will view a variety of films from different genres—many of them recently released movies—and interpret them using a variety of critical lenses. You will explore the role film plays in modern life and examine ways in which film impacts society, as well as how film reflects it. In doing so, you will develop the ability to critique a film's value and influence. Through class discussion and written analysis, you will be able to demonstrate an understanding of how personal perspective plays a role in criticism. Please note, Film 1 is NOT a prerequisite for this course.

College Fundamentals of Public Speaking 1058

½ year (annual)	½ credit	Grades 9, 10, 11, 12

This course focuses on the core principles underlying effective oral presentations and the development of effective presentations in public and professional settings. There is an emphasis on analyzing audiences, composing meaningful, coherent messages, conducting responsible research, developing effective arguments, and improving delivery skills to strengthen confidence and credibility. Students will develop skills that lay the foundation for success in future speaking endeavors in both professional and personal settings. This course will also focus on how to make critical judgments as an audience to public discourse. Upon completion of this course students will be more confident and effective speakers and listeners. Students will have the option of registering for three college credits through Stony Brook University's ACE program.

College Hip Hop and the Intellectual Tradition 1076

½ year (annual)	½ credit	Grades 9, 10, 11, 12

This course examines the world of hip-hop, by framing it within the fields of intellectual theory and examining the scholarly and artistic contributions of rap artists, writers, and scholars who intellectualize the global and cultural phenomenon of Hip Hop. This course will attempt to complicate the largely historical and non-theoretical treatment of hip hop in mass-mediated portrayals by engaging in a cultural studies critique of youth cultural formations and the rapid global industrialization of hip-hop. The course will also highlight how contemporary issues concerning racial and gender politics, sexual orientation, globalization, and neocolonialism are tackled by the music and culture. Students will have the option of registering for three college credits through Stony Brook University's ACE program.

(Journalism 1) College News Literacy 1041

½ year (annual)	½ credit	Grades 9, 10, 11, 12

How do you know if you're getting the truth from the news media? This course is designed to prepare students to become more discriminating news consumers. It will examine standards of reliability and accuracy in news gathering and presentation, and seek to establish the differences between news and propaganda, assertion and verification, bias and fairness, and infotainment and journalism. Students will be encouraged to critically examine news broadcasts, newspaper articles and websites. Visiting journalists will be questioned about the journalistic process and decision making. Students will have the option of registering for three college credits through Stony Brook University's ACE program.

Journalism II: News Literacy and Media Production 1042

½ year (annual)	½ credit	Grades 9, 10, 11, 12 (NCAA Approved)

Update your Snapchat story hourly? Listen to podcasts? Follow the news through tweets? Watch YouTube for news? Obsessed with Reddit? Students enrolled in Journalism will learn about contemporary media trends and develop the news literacy skills every person needs to navigate the complex digital landscape of modern society. Students will be able to follow their individual interests in this class while also gaining essential skills and knowledge, including the ability to interview and network with the HHH community; produce podcasts, video broadcasts, and social media posts; and develop clear, concise, and informative writing. Some products will be published in the school newspaper, yearbook, and our newspaper's WEBSITE.

Note: A student may take Journalism I and II for full credit, but does not have to take them in successive semesters. Journalism II students will more heavily participate in school publications, and possibly assume editorial roles on the newspaper and/or yearbook.

Mythology and the Hero's Journey 1096

½ year (annual)	½ credit	Grades 9, 10, 11, 12

In this course, students will understand how mythology conveys the human experience, gleaning psychological, historical, and metaphysical insights from myth. The course entails an exploration of the function of myth--its structure, strategy, and technique, and an analysis of ancient and modern myths that reveal the universality of all myth, and its relevance to living in the modern world. Students will study ancient Greek, Roman, Native American, African, Norse, and other world myths to explore the themes of Creation, Psychology and Journey of the Self, Heroes and Their Tragic Counterparts, Trickster Tales, Maidens, Mothers and Matriarchs, Myths of
Apocalypse, and the Study of Archetypes. Students will study contemporary movies in order to bridge the gap between ancient and modern meaning of myth making, and visit the school planetarium and learn the legends and lore of the night sky. Field trips may include visiting The American Museum of Natural History and/or The Metropolitan Museum of Art in order to conduct primary research for culminating projects and reports.

Reading and Writing Strategies I 1111

1 year: A/B schedule (annual)	½ credit	Grade 9

This course is designed for students who want to grow their performance in reading comprehension and expository and persuasive writing. Students are given a comprehension diagnostic at the onset of the 1/2 year to determine their reading levels and a writing baseline to determine their writing ability. Classroom instruction is then differentiated to address their assessed areas of difficulty and enhance their assessed strengths. At the end of the 1/2 year, students will receive a summative diagnostic to determine areas of growth. Students who meet ELA state guidelines for an additional English course will have priority of placement. Teacher recommended students will also receive special consideration.

Reading and Writing Strategies II 1113

1 year: A/B schedule (annual)	½ credit	Grade 10

This course is designed for students who would like to enhance their reading comprehension and writing skills. Students will be taught strategies that can be used across the curriculum, to prepare them for careers and college readiness. The course includes both a baseline and summative diagnostic to determine reading level and writing ability. Students will learn test taking strategies for the English and other Regents exams, and a variety of computer assisted learning programs that can be used at school and at home.

SAT/ACT Prep (annual)

1115 ¼ year (fall A/B)	¼ credit	Grades 9, 10, 11, 12
1116 ¼ year (spring A/B)	¼ credit	Grades 9, 10, 11, 12
1117 ½ year (fall all days)	½ credit	Grades 9, 10, 11, 12
1118 ½ year (spring all days)	½ credit	Grades 9, 10, 11, 12

This elective course enables students to strategically tackle college entrance exams. The course will examine strategies for answering different types of SAT/ACT questions, discuss approaches to time and stress management during testing, and conduct skills reviews. Students will be exposed to a variety of online computer software programs that assist with test taking skills.

Shakespeare 1060

½ year (annual)	½ credit	Grades 9, 10, 11, 12

Using film, live performances, and the printed page, this course will examine plays that highlight the Bard's comic side, his antic wit, his brilliant and brittle word play, and his hilarious hijinks: dramatic aspects that underscore his observation "what fools these mortals be." Class trips to the theatre and museums may be a part of this course.

English Language Arts Department

REGENTS LEVEL	HONORS LEVEL	ADVANCED PLACEMENT LEVEL
ENGLISH 9	**ENGLISH 9 HONORS**	**ENGLISH 10 AP SEMINAR*** **This course is a prerequisite for AP Research.**
ENGLISH 10	**ENGLISH 10 HONORS**	**AP AFRICAN AMERICAN STUDIES*** / **AP LANGUAGE & COMP*** / **AP LITERATURE & COMP*** / **AP RESEARCH**
ENGLISH 11	**ENGLISH 11 HONORS**	
CONT ISSUES LITERATURE AND COMPOSITION	**SENIOR EXPERIENCE** (APPLICATION)	**COLLEGE WRITING I & II (CW POST)** Optional College Credit

***Students will take the College Board Advanced Placement Examination upon the completion of each of these courses. Starting in May 2025, these exams will be digital only.**

HIGH SCHOOL ELECTIVES

ANNUAL HALF-YEAR COURSES (.5 Credit)

Creative Writing I and II
Introduction to Creative Nonfiction*
Debate
Film Criticism I (Mastering the Movies)*
Film Criticism II
Fundamentals of Public Speaking*
Hip Hop and the Intellectual Tradition*
Journalism I: News Literacy*
Journalism II: News Literacy & Media Production
Mythology and the Hero's Journey
Shakespeare

FULL-YEAR COURSES A/B Schedule (.5 Credit)

SAT/ACT Prep
Reading and Writing Strategies I and II

*Students in these elective courses have the option of registering for college credit.

Family and Consumer Science Electives

Food and Nutrition Cluster:

Introduction to Culinary Arts 8010

½ year	½ credit	Grades 9, 10, 11, 12

Students will develop an understanding of basic nutritional concepts through instruction about daily nutritional requirements as well as the planning, purchasing, preparing and serving of nutritious foods. Students will make a variety of foods to prepare for living and cooking on their own.

Human Services and Family Studies Cluster:

Child Development I 8021

½ year	½ credit	Grades 9, 10, 11, 12

This course provides a study of the physical, emotional, intellectual, cultural and social development of the infant, toddler, and preschooler and is designed to help young people acquire knowledge and skills essential to the care and guidance of children as a parent or caregiver. The course begins with an in-depth study of pregnancy, childbirth, and the care of the newborn. Daily routine, guidance, discipline, and other parenting skills, and caregiver and social concerns will be covered in depth.

College Child Development II 8023

½ year	½ credit	Grades 10,11,12

This is a Adelphi college level course that will address all areas of child development from birth through early-adolescence with respect to education. Course includes child observations and lesson planning/implementation for various developmental stages. Course includes field experience, portfolio management, article analysis, documentary/film review, guest speakers, and class discussion. *Prerequisite*: *Successful completion of Child development I.*

**As an option, 3 college credits from Adelphi University may be earned by a tuition payment and successful completion of course.*

Adolescent Psychology 8022

½ year	½ credit	Grades 9, 10, 11, 12

This course will explore adolescent issues, needs and values. Areas of concentration are self-esteem, communication, goal setting, leadership, dating, family and peer relationships, psychological disturbance and education through the adolescent years. Students will gain insights and draw conclusions concerning their role in society. This course will prepare students for successful adult roles as they learn to be more committed to their own personal growth.

Health

Health Education 9203

½ year	½ credit	Grades 9, 10

Helping our students achieve their full potential for a healthy and productive lifestyle is the basic intent of this state-mandated health course. Academic in nature, Health Education is an applied science concerned with increasing human beings' understanding of themselves in relation to health matters in a changing society. Some of the health issues addressed are the use and abuse of drugs, alcohol, and tobacco; AIDS; environmental pollution; physical fitness; mental health; nutrition; sexual health, personal safety and wellness; and communicable, chronic, and degenerative diseases.

Health Electives

Sports Medicine 9206

½ year	½ credit	Grades 11, 12

This elective course focuses on the physiological principles involved in athletic training and conditioning. Human anatomy, physiology and kinesiology will form the scientific basis in the recognition, prevention and treatment of athletic injuries. In addition, the role of the athletic trainer will be covered in detail. Students will be encouraged to acquire practical experience as a student trainer with teams.
Prerequisite: Regents Biology and Health Education

Holistic Nutrition 9210

½ year	½ credit	Grades 10, 11, 12

This is a 1/2 year course that will focus on what nourishes your body. Nutrition is a secondary source of energy. Primary foods, or non food sources of nourishment, are what really fuels us. Primary food goes beyond the plate, nurturing us on a deeper level. The four main primary foods are: Career (School), Relationships, Physical Activity and Spirituality. Of course, what we put in our body affects our health and wellness too. This course will provide a deeper understanding of how our bodies are nourished by providing hands-on experiences where you will have the opportunities to actually apply this knowledge to your personal life, because remember, your health is most affected by the things you do. Come experience how even small changes in your lifestyle behaviors will shift your health and wellness in big ways!

This course will be designed with a hands-on approach where the students will actually be learning by doing. They will have the chance to apply health knowledge to their personal lives in the ways that feel right for them. Through these experiences they will get to see changes happening to their body and overall health and wellness.
Prerequisite: Health 10

Substance Abuse and Society 9207

½ year	½ credit	Grades 9, 10, 11, 12

This is a half year course that focuses on trends in substance abuse, such as: vaping, over the counter , prescription, legal/illegal, alcohol, vitamins, supplements, and herbals. The course would require students to do research about specific drugs, as well as laws, guidelines, testing, and safety of each drug. Examples of discussion and research would be on topics such as laws about medical marijuana, e-cigarettes and tobacco legislation. Other topics to be discussed would be the impact/usage of energy drinks, binge drinking, the incidence of heroin addiction on Long Island, and current statistics regarding teenage usage. Most importantly, the course will discuss prevention strategies, refusal skills and responsible decision making in regards to any type of drug or its usage.

First Aid and CPR 9219

½ year	½ credit	Grades 9, 10, 11, 12

This is a half year course that will give you the opportunity to become certified in both First Aid and CPR/AED through the American Red Cross Association.

- First Aid: Learn how to respond to common first aid emergencies, including burns, cuts, head and back injuries and more. Pediatric options available.
- CPR/AED: Learn how to respond to cardiac and breathing emergencies in adults, including the use of automated external defibrillators (AED). Adult and infant/child CPR options available.

In addition, this course will address and cover drinking and drugs awareness. Students will participate in the "Red Watch Band" movement which is a program that is designed to end alcohol overdoses by teaching students how to handle alcohol emergencies and summon professional help.

Pre-Algebra Course # 3065

1 year	1 credit	Grade 9

This course provides students with an opportunity to explore Algebraic concepts within the N. Y. State Regents Algebra 1 curriculum. It consists primarily of topics focusing on number sense and the manipulation of algebraic expressions and equations, while also developing the students ability to problem solve in a variety of settings. These combined skills are designed to prepare students for the Algebra 1 Regents examination and meet part of the N.Y. State graduation requirement.

Algebra 1 Applications 3068

1 year	1 credit	Grades 10, 11, 12 (NCAA TBD)

This course provides students with a focused and supportive approach to the N. Y. State Regents Algebra 1 curriculum. Building directly on the skills developed in Pre-Algebra, instruction emphasizes the application of algebraic concepts, targeted problem-solving strategies, and mastery of the essential content needed for success on the Algebra 1 Regents examination. Topics include linear relationships, quadratic functions, absolute value and exponential functions, coordinate geometry, systems of equations, data analysis, right triangle trigonometry and probability, with instruction streamlined to reinforce foundational understanding and procedural fluency. This course culminates with the N. Y. State Algebra 1 Regents. Passing the Algebra 1 Regents is a N. Y. State requirement for a high school diploma.

Regents Algebra 1 3020

1 year	1 credit	Grade 9 (NCAA Approved)

This is the first of three Regents mathematics courses in the N. Y. State curriculum. Students will develop skills and processes to be applied to problem solving in a variety of settings including: linear equations, quadratics functions, absolute value and exponential functions, coordinate geometry, systems of equations, data analysis, right triangle trigonometry and probability. This course culminates with the N. Y. State Algebra 1 Regents. Passing the Algebra 1 Regents is a N. Y. State requirement for a high school diploma.
Prerequisite: Minimum grade performance of 75% in Math 8.

Honors Geometry 3011

1 year	1 credit	Grades 9, 10 (NCAA Approved)

This is the second of three Regents mathematics courses in the N. Y. State curriculum. The honors material is discussed in great depth and includes challenging experiences and enrichment within the units of study. This course is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from other courses. This course culminates with the N.Y. State Geometry Regents exam.
Prerequisite: Minimum grade performance of 90% in Honors Algebra 1

Regents Geometry 3021

1 year	1 credit	Grades 9, 10, 11 (NCAA Approved)

This is the second of three Regents mathematics courses in the N. Y. State curriculum. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinated approaches to geometry, students will justify geometric relationships and properties of geometric figures. Congruence, similarity, properties of triangles, quadrilaterals, and circles will be covered. Three dimensional geometry will be explored. Dynamic geometry software will be used to assist in investigations. This course is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from other courses. This course culminates with the N.Y. State Geometry Regents exam.
Prerequisite: Minimum grade performance of 80% in Algebra 1 or departmental recommendation.

Regents Geometry with Lab 3038/3039

1 year	1 credit	Grades 10, 11 (NCAA Approved)

This course follows the same curriculum as Regents Geometry. Additional time is provided to allow students to understand concepts through labs and hands-on activities. This course meets 7 ½ times a week and culminates with the N. Y. State Geometry Regents exam.
Prerequisite: Successful completion of Regents Algebra 1.

Geometric Applications 3066

1 year	1 credit	Grades 10, 11 (NCAA Approved)

This course provides students with an opportunity to explore Geometric concepts within the N. Y. State Regents Geometry curriculum. Particular emphasis is placed on students being able to construct mathematically valid geometric arguments. Topics will include formal geometric proofs, the study of definition, postulate and theorem, logic, transformations, and properties of shapes. These combined skills are designed to prepare students for the Geometry Regents examination and meet part of the N.Y. State graduation requirement.
Prerequisite: Successful completion of Algebra 1

Honors Algebra 2 3012

1 year	1 credit	Grades 10, 11 (NCAA Approved)

This is the third of three Regents mathematics courses in the N. Y. State curriculum. The curriculum discusses the Regents Algebra 2 material as well as topics of enrichment. Students must maintain an average of 85% while enrolled in this course. This course culminates in the N. Y. State Algebra 2 Regents exam.
Prerequisite: Minimum grade performance of 85% in Honors Geometry

Regents Algebra 2 3022

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

This is the third of three Regents mathematics courses in the N. Y. State curriculum. The course discusses a review and organization of the postulates of the real-number system, transformations of the plane, exponents, logarithms and trigonometry are all treated as functions of the real numbers. Additional work on logic, probability and statistics is also included. This course culminates with the N.Y. State Algebra 2 Regents exam

Prerequisite: Minimum grade performance of 80% in Regents Geometry or departmental recommendation.

Regents Algebra 2 with Lab 3033/3034

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course follows the same curriculum as Regents Algebra 2. Additional time is provided to allow students to discover and understand concepts through labs and hands-on activities. The course meets 7½ periods per week and culminates in the N. Y. State Algebra 2 Regents exam.

Prerequisite: Successful completion of Regents Geometry or Advanced Algebra and departmental recommendation

Advanced Algebra 3067

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course provides students with an opportunity to explore Algebraic concepts within the New York State Regents Algebra 2 curriculum. Particular emphasis is placed on students being able to construct mathematically valid algebraic arguments. Topics will include working with real, complex, quadratic, rational, irrational, exponential and logarithmic expressions and equations. The course culminates with a locally generated final exam.

Prerequisite: Successful completion of Geometric Applications or Regents Geometry

Honors Pre-Calculus 3013

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course integrates topics from advanced algebra, analytic geometry, trigonometry and introductory calculus into a unified program from a modern point of view. This course is designed to prepare students for the Advanced Placement calculus program in mathematics.

Prerequisite: Minimum grade performance of 85% in Honors Algebra 2.

Pre-Calculus 3024

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course integrates pre-calculus topics from advanced algebra, analytic geometry, and trigonometry, and then presents an introduction to calculus.

Prerequisite: Minimum grade performance of 80% in Regents Algebra 2 or successful completion of College Prep Algebra

College Prep Algebra 3023

1 year	1 credit	Grade 12 (NCAA Approved)

This course is intended for the college-bound senior. Emphasis will be placed on advanced topics of algebra, analytic geometry, and trigonometry, together with their applications in society. Topics from discrete mathematics will be included in this course.

Prerequisite: Successful completion of Regents Algebra 2

Trigonometry and Advanced Algebra 3073

1 year	1 credit	Grades 11, 12 (NCAA Approved)

Selected topics from the N. Y. State Regents Algebra 2 curriculum are included in this course. The main focus of this course is the function concept and various types of functions: exponential, logarithmic, and trigonometric. Logic, sequences and matrices will also be included in this course.
Prerequisite: Successful completion of Advanced Algebra

AP Calculus BC with Lab 3015/3017

1 year	1 credit	Grade 12 (NCAA Approved)

Calculus BC includes all of the topics of Calculus AB in greater depth with more emphasis on theory and formal proof. Additional topics such as differential equations, infinite series, and special types of integration are also included. This course meets 7.5 periods per week. Students will be qualified and expected to take the Advanced Placement Examination.
Prerequisite: Minimum grade performance of 93% in Honors Pre-Calculus and departmental recommendation.

AP Calculus AB 3014

1 year	1 credit	Grade 12 (NCAA Approved)

Calculus and analytic geometry are the content of this course. Its primary objective is to provide a strong background in differential and integral calculus with sufficient applications to convey the meaning and importance of the subject. Students will be qualified and expected to take the Advanced Placement Examination.
Prerequisite: Minimum grade performance of 85% in Honors Pre-Calculus and departmental recommendation.

College Calc & Analytic Geo I & II 3019

1 year	1 credit	Grade 12 (NCAA Approved)

This dual credit (high school and college) class aligns with L.I.U.'s college courses in Calculus and Analytic Geometry I & II. Students may earn up to eight college credits applicable to advanced standing as a college freshman and one high school credit which can be used toward fulfilling the high school graduation requirement. Transfer credit practices vary from college to college and therefore cannot be guaranteed in advance. If a student has questions about college credit, it is recommended to contact the college/university directly. This course discusses the derivative of algebraic and trigonometric functions with applications to rates, maximization and graphing and integration and the fundamental theorem.

Prerequisite: Minimum grade performance of 80% in Pre-Calculus or departmental recommendation. L.I.U. application, registration procedures, and tuition required for students selecting to receive college credit.

College Alg & Trig / Cal & Analytic Geo I 3052

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This dual credit (high school and college) class aligns with L.I.U.'s college courses in College Algebra & Trigonometry as well as Calculus and Analytic Geometry I. Students may earn up to eight college credits applicable to advanced standing as a college freshman and one high school credit which can be used toward fulfilling the high school graduation requirement. Transfer credit practices vary from college to college and therefore cannot be guaranteed in advance. If a student has questions about college credit, it is recommended to contact the college/university directly. This course is designed for students who demonstrated excellence in Algebra 2 and wish to take Calculus. This period and a half, Pre-Calculus/Calculus course first develops pre-calculus topics, followed by uncovering the derivative of algebraic and trigonometric functions with applications to rates, maximization and graphing and integration and the fundamental theorem.

Prerequisite: Minimum grade performance of 80% in Regents Algebra 2 or permission of the department. LIU Post application, registration procedures, and tuition required for students selecting to receive college credit.

Introduction to Statistics 3027 - A Day & 3027 – B Day

1 year	½ credit	Grades 9, 10, 11, 12

The course will provide a hands-on approach to statistical methods. Students will collect, analyze, display and make inferences about data coming from both current events as well as student generated surveys. Through the use of Excel and Google Sheets, students will use descriptive statistics to communicate their results from student surveys and project-based experiences. Statistics, testing hypotheses and estimating parameters will also be topics discussed in this course. Proficiency will be measured by class work, problem solving, homework and comprehensive examinations. Students who complete this course and Algebra 2 will be well-prepared to be successful in AP Statistics. Students will be graded on a Pass/Fail basis and will receive ½ credit for the course.

Co-requisites: This course must be taken along with the typical full year math course. Minimum grade performance of 80% in Regents Math Courses (Algebra I, Geometry or Algebra 2) or departmental recommendation. *Students enrolled in Research 9 must be enrolled in Intro to Statistics (3027), which runs on the alternate day of Research 9.*

AP Statistics 3028

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

This statistics course develops the major concepts and tools for collecting, analyzing, and drawing conclusions from data. It is equivalent to a one-1/2 year introductory, non-calculus based college course in statistics. AP statistics is a mathematics elective open to students who have completed Algebra 1. Students planning on taking AP Science or students who will be involved in the Research Program will benefit greatly from studying AP Statistics. Students will be qualified and expected to take the Advanced Placement Examination.

Prerequisite: Minimum grade performance of 85% in Regents Algebra 1 or departmental recommendation.

Math SAT /ACT Prep 3075 Fall A/B & #3076 Spring A/B

½ year	¼ credit	Grades 10, 11, 12

Students preparing to take the PSAT/SAT/ACT exam will be instructed in: number and operations, algebra and functions, geometry, statistics, probability, and data analysis. Each student will be pre-tested to determine their individual instructional needs, and each student will have ongoing individualized conferences to assess their progress.

AP Computer Science Principles 3046

1 year	1 credit	Grades 9, 10, 11, 12 (NCAA Approved)

This project based, at an accessible rigor Advanced Placement level course, is designed to develop computational thinking and problem solving skills. Students will create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and collaborate to create and present solutions that can improve people's lives. The course is designed to develop computational thinking, introduce a variety of computational tools, and increase students' awareness of the breadth of skills that are developed in a course of study. The course includes programming with the focus on developing algorithmic thinking and the ability to use abstraction rather than mastery of a single language. Students practice problem solving with a variety of projects working in industry standards languages including Scratch, App Inventor, and the Python programming language. Major units include algorithms, graphical user interfaces, operating in the Internet, big data, and artificial intelligence. This course may be particularly valuable for students considering careers in computer science, engineering or other technical fields. Students will be qualified and expected to complete the Advanced Placement Computer Science Principles Performance Tasks as well as Exam.
Prerequisite: None

Foundations in Computer Science 3047

½ year	½ credit	Grades 9, 10, 11, 12

The Foundations of Computer Science (FCS) course is a comprehensive introduction to the vast field of computer science. Designed for high school students, this course integrates fundamental concepts with hands-on practical experience to foster a deep understanding of computing, its capabilities, and its impacts. Students will be introduced to Problem Solving and Computing, Digital Representation, AI and Machine Learning, Networks and The Internet, Cyber Security/Global Impact, and Introductory Programming in App Lab and/or Python. The curriculum is structured to develop a solid foundation in computer science that prepares students for further study and future careers in technology.
Prerequisite: None

Coding 1: Intro to Java 3041

½ year	½ credit	Grades 9, 10, 11, 12

This course places an emphasis on program design and the utilization of Java. Programming concepts will be applied to real world situations. Successful completion of this course will prepare the students for future Computer Science courses, especially AP Computer Science A.
Prerequisite: None

Coding 2: Advanced Java Techniques 3042

½ year	½ credit	Grades 9, 10, 11, 12

This course is an extension of Coding 1 with emphasis on extending their knowledge of object oriented programming to develop visually stimulating personal computer games. Exploration of different coding techniques to produce "games" will be discovered in this course.
Prerequisite: Successful completion of Coding 1 or departmental recommendation

AP Computer Science A 3044

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

In brief Computer Science A consists of a study of: 1) Program specification design, coding, documentation, and those aspects of program correctness that do not include proofs of correctness. 2) Procedures and functions, parameter passing and recursion. 3) Features of highly structured programming languages (Java). 4) Files, arrays, records, and other data structures, but not pointers. 5) Searching and sorting without consideration of efficiency. 6) Basic elements of computer systems. 7) Applications. Students will be qualified and expected to take the Advanced Placement Computer Science A Exam.
Prerequisite: Successful completion of Coding 1 (previously called Java 1), AP Computer Science Principles or departmental recommendation

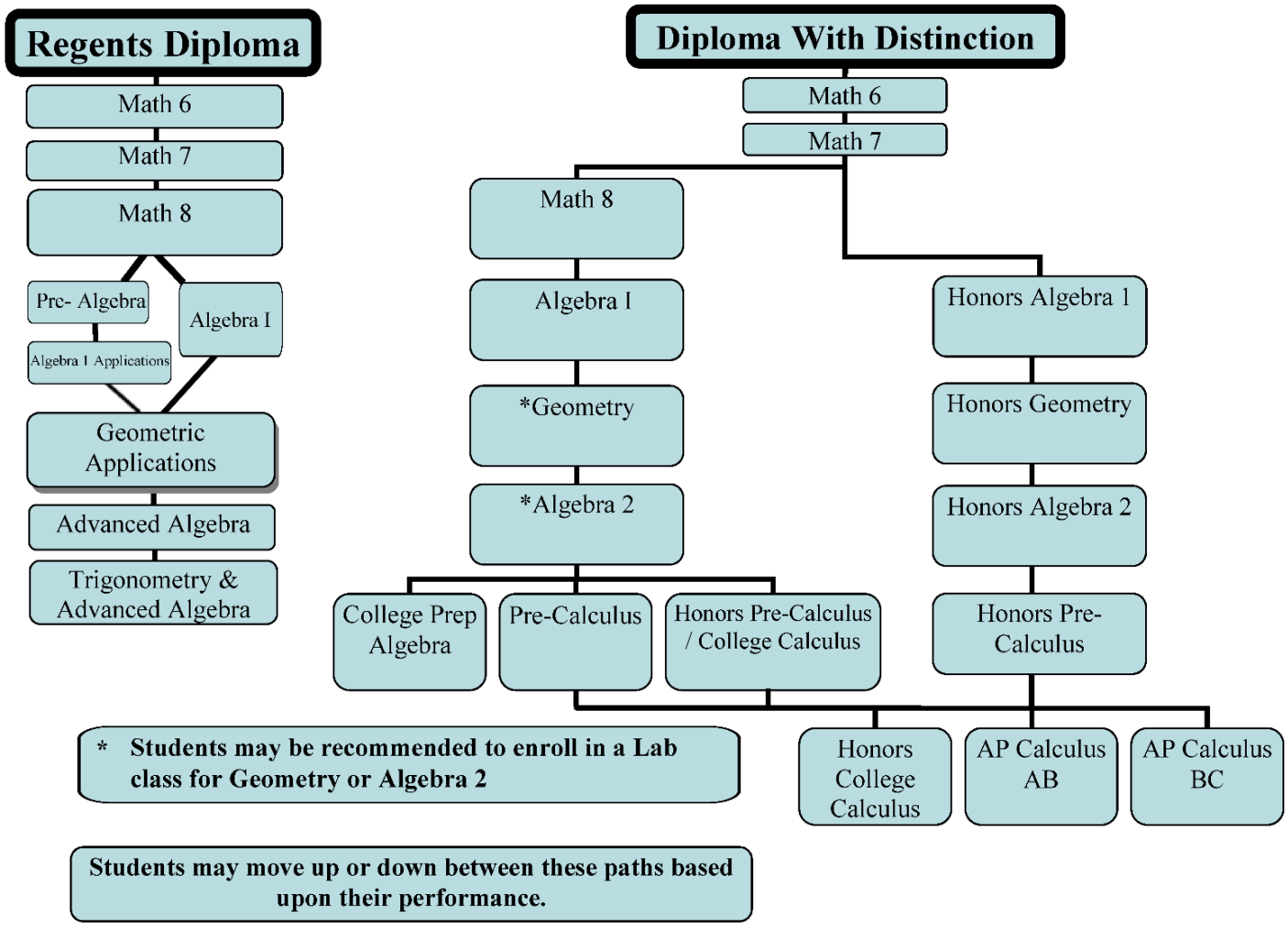
College Computer Science B 3045

½ year	½ credit	Grades 10, 11, 12

College Computer Science is a second-semester college course that explores many data structures; a way to organize information. The course studies many abstract data structures to store and retrieve information in addition to critiquing algorithm efficiencies in respect to time and space. The course will cover the following common ADTS; Linked Lists, Trees, Heaps, Queues, Stacks, and Big-Oh analysis. The course emphasizes good software development practice including design analysis, good documentation, and testing.

Prerequisite: Successful completion of AP Computer Science A or departmental recommendation

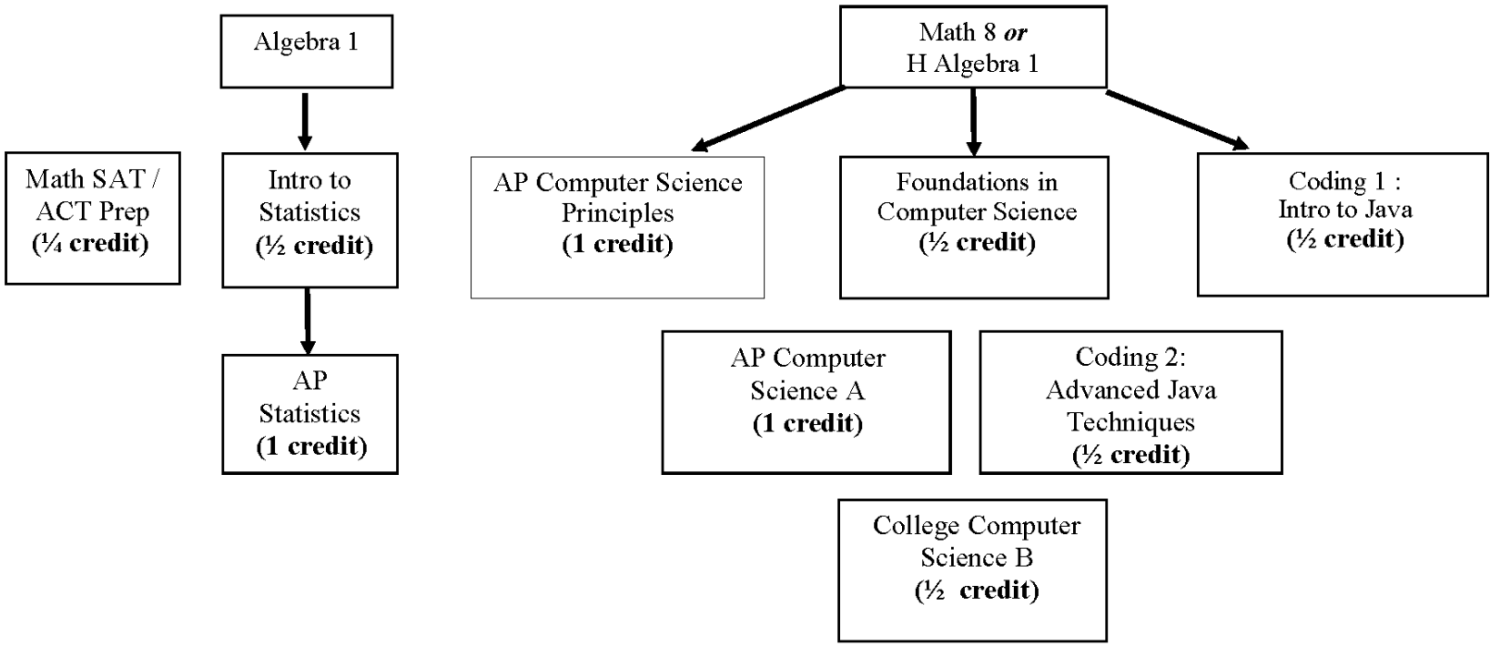
HHH Mathematics Department



* **Students may be recommended to enroll in a Lab class for Geometry or Algebra 2**

Students may move up or down between these paths based upon their performance.

Math Department Electives



There are MANY computer science course pathways students may take. Once a student completes their introductory computer science class, they will have enough experience to decide if and when to take the remaining available classes.

Half Hollow Hills STEM Excellence Distinction

The Half Hollow Hills STEM Excellence Distinction is a district-sponsored program designed to recognize student commitment and achievement in the fields of Science, Technology, Engineering and Mathematics. Specifically, this incorporates a student's completed coursework in the fields of Science, Mathematics, Statistics, Engineering and/or Computer Science.

The goal of this program is to provide its members opportunities to prepare and develop the skills necessary to participate in a competitive global job market full of creative problem solvers. STEM Excellence members will have been presented with content and strategies to gain the confidence needed to explore problems, take risks, and turn challenges into numerous possibilities for their future career choices. By meeting the requirements for this program, students will have demonstrated their commitment, interest and intellectual aptitude to begin an advanced degree in a competitive college environment as well as possess the abilities necessary to go forward as independent, responsible, and self-directed learners.

Students may earn this distinction by satisfying the four requirements stated below:

- Completion of at least 4 course credits of Regents, Honors or AP science classes
- Completion of at least 4 course credits of Regents, Honors or AP math classes
- Completion of at least 3 course credits from any combination of the courses listed below:

Statistics	Engineering	Computer Science
AP Statistics	PLTW College Introduction to Engineering Design PLTW College Principles in Engineering Design	AP Computer Science Principles AP Computer Science A

- Overall minimum true average of an 85% from all of these required courses

To earn a:

- "STEM Excellence-Recipient" designation on their transcript, students must have successfully completed all of the course requirements.
- "STEM Excellence-Candidate"* designation on their transcript, students must be currently enrolled in the remaining courses needed to fulfill all of these requirements.

Each student's appropriate designation will be included within his or her transcript by the fall of the following school year.

*This distinction will be elevated to a "STEM Excellence-Recipient" once the student successfully completes all of the required courses.

Concert Choir/Honors Concert Choir** 9101 *9111 for Honors Eligible Grade 11 & 12 Students

1 year	1 credit	Grades: 9, 10, 11**, 12**

This ensemble provides an opportunity for singers to perform both standard and advanced choral music focusing on mixed choir literature in a wide variety of genres. Students should have prior choral experience, intermediate choral technique, and sight-reading ability. Weekly pull-out lessons on a rotating basis are required of each student where sight-singing, ear training, and vocal techniques will be emphasized. Attendance at all school concerts and scheduled performances is required. Students may also be asked to perform at local and regional competitions as well as NYSSMA Major Organization Festivals. This course fulfills the NYSED arts credit required for graduation. ***Students who complete the continuous performance ensemble sequence in grades 9 and 10 will be eligible for honors credit in their respective ensembles as 11th and 12th graders. Students receiving honors credit will be expected to fulfill specific mentorship roles, as assigned by the teacher, to guide and support underclassmen.*
Prerequisite: Departmental recommendation.

Treble Choir/Honors Treble Choir** 9102

1 year	1 credit	Grades: 9, 10, 11**, 12**

This ensemble provides an opportunity for soprano and alto singers to perform both standard and advanced choral music focusing on treble choir literature in a wide variety of genres. Students should have prior choral experience, intermediate choral technique, and sight-reading ability. Weekly pull-out lessons on a rotating basis are required of each student where sight-singing, ear training, and vocal techniques will be emphasized. Attendance at all school concerts and scheduled performances are required. Students may also be asked to perform at local and regional competitions as well as NYSSMA Major Organization Festivals. This course fulfills the NYSED arts credit required for graduation.***Students who complete the continuous performance ensemble sequence in grades 9 and 10 will be eligible for honors credit in their respective ensembles as 11th and 12th graders. Students receiving honors credit will be expected to fulfill specific mentorship roles, as assigned by the teacher, to guide and support underclassmen.*
Prerequisite: Departmental recommendation.

Band/Honors Band** HS East: 9113/9114/9103; HS West: 9109/9103

1 year	1 credit	HS East: Grade 9 - #9113	Grade 10 - #9114	Grades 11**, 12** - #9103
		HS West: Grades 9, 10 - # 9109	Grades 11**, 12** - # 9103	

The high school band is comprised of a concert band and symphonic band. During concert season, standard concert band, symphonic band, and wind ensemble literature will be explored and performed throughout the school year. Participation requirements for the bands include school concerts, festivals, district festivals, the NYSSMA Major Organizations Festival (if applicable), and/or equivalent competitions. One lesson per week on a rotating period basis is required of all students in the program. During the football season, including homecoming, all band students participate as a member of the pep band. Students are also encouraged to attend a three-night pep band rehearsal at the beginning of the school year. This course fulfills the NYSED arts credit required for graduation. ***Students who complete the continuous performance ensemble sequence in grades 9 and 10 will be eligible for honors credit in their respective ensembles as 11th and 12th graders. Students receiving honors credit will be expected to fulfill specific mentorship roles, as assigned by the teacher, to guide and support underclass.*
Prerequisite: Departmental recommendation

Orchestra/Honors Orchestra** HS East: 9116/9117/9118; HS West: 9110/9104

1 year	1 credit	HS East: Grade 9 - #9116 Grade 10 - # 9117 Grades 11**, 12** - #9118 HS West: Grades 9, 10 - #9110 Grades 11**, 12** - #9104

The high school orchestra is comprised of a string orchestra and symphony orchestra. (The HS East concert orchestra is a string orchestra). Throughout the program, students are provided with experience in reading and performing standard string and symphony orchestra literature with an emphasis on the improvement of individual and ensemble instrumental technique. One lesson per week on a rotating period basis is required. Attendance at assemblies, district festivals, all school concerts, scheduled performances, and NYSSMA Major Organizations Festival and/or equivalent competition is required for credit. This course fulfills the NYSED arts credit required for graduation. ***Students who complete the continuous performance ensemble sequence in grades 9 and 10 will be eligible for honors credit in their respective ensembles as 11th and 12th graders. Students receiving honors credit will be expected to fulfill specific mentorship roles, as assigned by the teacher, to guide and support underclassmen.*

Prerequisite: Departmental recommendation.

Guitar Ensemble/Modern Band/Honors Guitar Ensemble** 9128 *9168 for Honors Eligible Grade 11 & 12 Students

1 year	1 credit	Grades: 9, 10, 11**, 12**

Students enrolled in this course will work on arrangements of their favorite songs using guitars, pianos, and drumsets. This course provides students with opportunities to perform in school concerts and acquire cooperative skills through rehearsals, which will prepare them for success in the future as a performer. Enjoy the camaraderie of other musicians in this workshop-style class while you improve your aural, improvisational, and arranging skills to make music in a relaxed, fun setting. One lesson per week on a rotating period basis is required. Attendance at all school concerts is required for credit. This course fulfills the NYSED arts credit required for graduation. ***Students who complete the continuous performance ensemble sequence in grades 9 and 10 will be eligible for honors credit in their respective ensembles as 11th and 12th graders. Students receiving honors credit will be expected to fulfill specific mentorship roles, as assigned by the teacher, to guide and support underclassmen.*

Prerequisite: Guitar Fundamentals or evidence of basic guitar or piano proficiency.

Music Theory I 9105

1 year	1 credit	Grades: 9, 10, 11, 12

Students receive instruction in the elements of music theory: harmony, ear training, sight reading, form, and analysis as well as study of all styles of music literature.

Prerequisite: Member of a performance ensemble or recommendation by music teacher or Director of Fine Arts

AP Music Theory 9115

1 year	1 credit	Grades: 10, 11, 12

This course will introduce and develop the student in musicianship, theory, musical materials, and procedures. It may emphasize one aspect of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to such a course. It is also strongly recommended that the student will have acquired thorough performance skills in voice or on an instrument. Students are expected to take the AP Music Theory Exam in May in an effort to earn a score of 3, 4, or 5, which will yield credit toward music theory college courses
Prerequisite: Music Theory I and teacher recommendation

Music In Our Lives (Music Explorations) 9108

1 year	1 credit	Grades: 9, 10, 11, 12

As an extension of the middle school "Music Explorations" curriculum, this exciting course is designed to meet the needs of the music student not enrolled in one of our performing ensembles (band, chorus, orchestra) but who wishes to fulfill the one credit arts graduation requirement by being involved in the wonderful world of music! Students will be utilizing the latest state-of-the-art music technology in our established high school music labs. With an emphasis on music appreciation and exploration, student experiences will include; listening, analysis, performing, composing, and using basic music skills and technology to create their own music. Project-based assessments will be required of each student. This course fulfills the NYSED arts credit required for graduation. This course may be taken for Dual Enrollment College Credit through Five Towns College. *Only students in grades 11 & 12 are eligible for 3 transferable college credits through Five Towns College. *Prerequisite:* An interest in and/or appreciation of music!

Music Recording and Production Technology 9112

1 year	1 credit	Grades: 9, 10, 11, 12

Students will receive instruction in the fundamental elements of music technology and digital recording. This course provides traditional and nontraditional music students with the ability to record, edit, compose, arrange, and notate music using some of the latest technologies. Emphasis will be placed on the integration of live studio recording techniques, musical performance skills, and navigation of various types of music software. A portfolio of musical projects will be produced using a variety of music applications and the High School East recording studio. Students will be required to complete projects in the recording studio/lab after regular school hours. This course is designed as an elective for students in grades 10-12 who have already completed one high school music credit. This course may be taken for Dual Enrollment College Credit through Five Towns College. *Only students in grades 11 & 12 are eligible for 3 transferable college credits through Five Towns College.
Prerequisite: 1 year of either: Band, Chorus, Orchestra, Music Theory, Music in Our Lives, an art foundation course, or a strong music and technology background under departmental recommendation.

Music Recording and Production Technology II 9122

1 year	1 credit	Grades: 10, 11, 12

Students will receive instruction in more advanced elements of music technology and digital recording. As in Music Recording and Production Technology I, this course provides traditional and nontraditional music students with the ability to record, edit, compose, arrange, and notate music using some of the latest technologies. Emphasis will be placed on the integration of live studio recording techniques, musical performance skills, and navigation of various types of music software. Students will continue to develop their portfolio of musical projects and will produce their projects using a variety of music applications in the High School East recording studio. Students will be required to complete projects in the recording studio/lab after regular school hours. This course is designed as an elective for students in grades 10-12 who have already completed one high school music credit.

Prerequisite: Music Recording and Production Technology

Music Recording and Production Technology III 9123

1 year	1 credit	Grades: 10, 11, 12

Students will continue to build their portfolio with the advanced elements of music technology and digital recording and may begin to specialize in an area of music recording.

Prerequisite: Music Recording and Production Technology II

Guitar Fundamentals I/II 9126

1/2 year*	1/2 credit*	Grades: 9, 10, 11, 12

Guitar Fundamentals is a ½ year course covering the basics of how to play guitar. Students will learn the techniques needed to play their favorite pop, rock, and folk songs. In the course, students learn to play chords, single note melodies, read tabs and sheet music, and play electric guitar. This course can serve as a prerequisite for Guitar Ensemble. For full preparation for Guitar Ensemble, it is recommended that beginning students take Guitar Fundamentals in both the Fall and Spring. **This course may be repeated as desired.*

Social Justice in the Arts 9129

½ year	½ credit	Grades: 9, 10, 11, 12

In this half-year course, students will have the opportunity to explore current events and social justice causes to create original works in the visual and performing arts. Working alone and in small groups in a project-based environment, students will explore art and design projects and "devised theater" through improvisation and performance of their original works-in-progress. The media may include mask-making, printmaking, photography, digital design, spoken word performances, monologues, scenes and one-act plays, film, musical composition, and dance choreography. Appropriate and thematic works may be devised for use in school assemblies both at the elementary and secondary levels. The course will culminate with a final performance for a live audience and/or a visual art exhibit with video clips of performances.

Half Hollow Hills Music Conservatory

Half Hollow Hills Music Conservatory is a district-sponsored program designed to recognize student commitment and achievement in musical performance and/or musical composition. The program includes academic, leadership, and performance-based components connected to our music curriculum. The Conservatory will allow students the opportunity for and provide the skills necessary to prepare for a career in music and/or in entering a music college or conservatory. Through a rigorous and disciplined focus, students will participate in musical activities in performance and/or composition, self-reflection, historical context, and multiculturalism.

Graduates are prepared to begin an advanced degree in a competitive college environment. Students who choose to participate in the Music Conservatory will receive a strong foundation in musical concepts, and the skills necessary to move forward as independent, responsible, and self-directed learners. Students will gain the confidence needed to develop repertoire, take risks, and turn challenges into numerous possibilities for their future career choices.

Upon completion of the corresponding program requirements, students' transcripts will indicate a *Distinction in Music* or *Advanced Distinction in Music*. The appropriate club advisors and your school counselor must sign the "Transcript Designation" application form, and the completed form must be submitted to your primary music teacher by April 1st.

Program Overview:

Distinction in Music

- 4 Music credits
- Overall average: 85% minimum
- 2 years of NYSSMA Level 6 Solo or Guitar/Piano Solo Ratings: One 6A and one 6A+
- Active member in good standing, including senior year with outstanding attendance, of the Tri-M Music Honor Society (one-year minimum)
- Active member in good standing for a minimum of two full years, including senior year with outstanding attendance, in any one of the following: Jazz Band, Cross-Campus Chamber Choir, Cross-Campus Chamber Orchestra, Cross-Campus Wind Ensemble, Blue Notes/Vocal Jazz Ensemble, Spring Musical Pit Orchestra

Advanced Distinction in Music

- 5 Music credits (to include all advanced music electives)
- Overall average: 85% minimum
- Receive a NYSSMA Solo Rating of All-State 6A+ and 6A (Guitar/Piano students 6A+ and 6A)
- An active member in good standing for a minimum of two (2) full years, including senior year with outstanding attendance, of the Tri-M Music Honor Society
- An active member in good standing for a minimum of two (2) full years, including senior year with outstanding attendance, in any auditioned ensemble: Jazz Band, Cross-Campus Chamber Choir, Cross-Campus Chamber Orchestra, Cross-Campus Wind Ensemble, Blue Notes Ensemble
- A Senior Performance (usually at the Tri-M induction ceremony)
- Students seeking the Advanced Distinction will present repertoire to the Music Conservatory committee for approval.

MUSIC DEPARTMENT

FOUNDATIONS

- BAND
- CHORUS
- GUITAR ENSEMBLE
- MUSIC IN OUR LIVES
- ORCHESTRA

ELECTIVES

- HONORS BAND
- CONCERT CHOIR
- GUITAR ENSEMBLE
- HONORS ORCHESTRA
- SOCIAL JUSTICE IN THE ARTS
- HONORS CONCERT CHOIR
- GUITAR FUNDAMENTALS
- MUSIC THEORY
- TREBLE CHOIR
- MODERN BAND
- MUSIC RECORDING & PRODUCTION TECHNOLOGY
- HONOR GUITAR ENSEMBLE

ADVANCED PLACEMENT

- MUSIC THEORY

Physical Education

1 year (40 weeks) = ½ credit A/B Schedule

Physical Education is a N. Y. State required course. Successful completion totaling 2 units of credit of Physical Education in Grades 9-12 (4 years) is necessary for graduation.

Education Law, Section 803 and 3204 and Regulations of the Commissioner of Education, Section 135.4 mandate physical education for all pupils in the schools of N. Y. State. A pupil is required to have a cumulative passing average in physical education each year he/she is in school prior to graduation. ALL pupil physical education grades are a part of and are included in the grade point average.

Course # 9212

Individual activities strand – weight training, golf, tennis, badminton, yoga, fitness testing, aerobics, dance.

Course # 9213

Team sports activities strand – flag football, volleyball, ultimate Frisbee, wiffle ball, floor hockey, fitness testing, softball, track and field

Course #9214

Outdoor Education - Mountain Biking, Fly Fishing, Orienteering (Similar to a Scavenger Hunt with a Mamp), Kayaking, Archery, Snowshoeing, Wilderness Skills (Building Shelters, tent assembly, purifying water, fire construction principles, rope work/knot tying, wilderness first aid and medicine, tracking/movement activities i.e. Manhunt/Capture the Flag Variations, map and compass skills, plant/weather identification, amazing race challenges)

* Students can retake the class if they have already taken it

**Students will go on a minimum of two field trips related to the Curriculum

Science Department

Foundations of Biology (formerly Living Environment) Course# 4018

1 year	1 credit	Grades 9, 10, 11, 12 (NCAA Approved)

This laboratory oriented and practical science course is designed to meet the needs of a select student population. This course provides students with an understanding of the fundamental principles of biology as outlined by the New York State Science Learning Standards, while focusing on specific scientific and academic skills required in a Regents program. Specific lessons addressing chart reading, laboratory techniques, reading strategies, and other critical components are given special emphasis. These skills, combined with lessons in study skills, are designed to prepare students for the Biology Regents examination. The class meets 7½ periods per week and completion of this course meets part of the N.Y.S. graduation requirement. Successful completion of the NYS Required Investigations and laboratory activities are required for admission to the Biology Regents examination.
Prerequisite: Staff and/or counselor recommendation.

Regents Earth & Space Science (formerly Earth Science) Course # 4030

1 year	1 credit	Grade 9 (NCAA Approved)

This course aligns with the New York State Science Learning Standards. In this course students study space systems, energy and climate, meteorology, Earth's systems, surface processes, and human sustainability. Students will apply the science and engineering practices to reinforce their understanding of Earth and space systems. Classes meet for 7½ periods per week. This course culminates with the Earth & Space Science Regents examination. Completion of this course meets part of the NYS graduation requirement. Successful completion of the NYS Required Investigations and laboratory activities are required for admission to the Earth & Space Science Regents examination.
Prerequisite: Successful completion of 8th grade science.

Regents Biology (formerly Living Environment) Course# 4032

1 year	1 credit	Grades 9, 10, 11, 12 (NCAA Approved)

This course aligns with the New York State Science Learning Standards. In this course students will study the structure and specialized functions of cells, metabolic processes and body systems, the flow of matter and energy in ecosystems, the interdependent relationships in ecosystems, the inheritance and variation of traits, and evolution. Students will apply the science and engineering practices to reinforce their understanding of biological concepts. Classes meet for 7½ periods per week. This course culminates with the Biology Regents examination. Completion of this course meets part of the N.Y.S. graduation requirement. Successful completion of the NYS Required Investigations and laboratory activities are required for admission to the Biology Regents examination.
Prerequisite: Successful completion of Regents Earth & Space Science.

Honors Biology (formerly Living Environment) Course# 4082

1 year	1 credit	Grades 9 (NCAA Approved)

This course is more challenging than the Regents course and enables students to move as rapidly as her/his ability allows. The course content extends beyond the scope of the New York State Science Learning Standards, including additional topics and skills that increase the rigor of the course and provide a foundation for future success in AP Science classes. This course meets for 7 ½ periods per week and culminates with the Biology Regents examination. Completion of this course meets one part of the N.Y.S. graduation requirement. Successful completion of the NYS Required Investigations and laboratory activities are required for admission to the Biology Regents examination.
Prerequisite: 85% in Honors Earth & Space Science and/or departmental recommendation.

AP Biology Course# 4042

1 year	1 credit	Grades *10, 11, 12 (NCAA Approved)

The Advanced Placement Biology course is designed to be the equivalent of the introductory biology course usually taken during the first year of college. This course may enable students, as college freshmen, to meet the prerequisites for second year work in the biology sequence or to register in courses in other fields where general biology is a requirement. This course investigates the interrelationships of microbiology, biochemistry, anthropology, histology, psychology, chemistry, physics, genetics, comparative anatomy, embryology and ecology. Evolution, the interdependence of organisms and the environment, animal adaptations and behavior are central course themes.
Students are encouraged to become involved with science research projects. Upon successful completion of this course, students are well prepared to take the Advanced Placement examination in May. The course meets 7½ periods per week.
Prerequisite: 85% in Regents Biology and Regents Chemistry and/or departmental recommendation. *10th grade students may enroll if recommended by their grade 9 teachers.

Regents Chemistry (NYSSLS) 4024N

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

This course aligns with the New York State Science Learning Standards. In this course students will investigate atomic structure, chemical bonding, reactions, stoichiometry, acids/bases, the periodic table, and the behavior of gases and solutions. Students will apply the science and engineering practices to reinforce their understanding of chemistry systems. Classes meet for 7½ periods per week. This course culminates with the Chemistry Regents examination. Completion of this course meets part of the NYS graduation requirement. Students will need to complete a minimum of 1200 laboratory minutes and three required NYS investigations in order to be eligible to sit for the Regents exam.
Prerequisite: 75% in Regents Biology and Regents Algebra 1.

Honors Chemistry (NYSSLS) 4014N

1 year	1 credit	Grades 10, 11 (NCAA Approved)

This course is more challenging than the Regents Chemistry course in that it is more mathematically oriented, conceptual, and open-ended. The course content extends beyond the scope of the New York State Science Learning Standards, including additional topics and skills that increase the rigor of the course and provide a foundation for future success in AP Science classes. This course culminates with the Chemistry Regents examination. Completion of this course meets part of the NYS graduation requirement. Students will need to complete a minimum of 1200 laboratory minutes and three required NYS investigations in order to be eligible for the Regents exam.
Prerequisite: 85% in Honors Biology, 85% in Algebra 1, and/or departmental recommendation.
Co-requisite: Geometry or Algebra 2.

Practical Chemistry (A and B) A4060, B4061

½ year	½ credit	Grades 11, 12 (NCAA Approved)

This course is an exciting and challenging introduction to the field of chemistry as it applies to everyday life, and is not mathematical in its approach. Students gain insight and appreciation for chemical principles by performing numerous hands-on laboratory activities. Each 1/2 year course meets five periods per week and concludes with a final examination or project.
Prerequisite: Regents Biology and/or departmental recommendation.

AP Chemistry 4044

1 year	1 credit	Grades 11, 12 (NCAA Approved)

Advanced Placement Chemistry is designed to be the equivalent of an introductory chemistry course usually taken during the first year of college. This course may enable some students, as college freshmen, to undertake a second year work in the chemistry sequence or to register in courses in other fields where general chemistry is a prerequisite. Topics such as the structure of matter, kinetics, and basic thermodynamics are investigated in considerable depth, and laboratory work is given special emphasis. Students are encouraged to become involved in science research projects. Upon successful completion of this course, students are well prepared for the Advanced Placement examination in May. The course meets 7 ½ periods per week.
Prerequisite: 85% in Honors Biology, Honors Chemistry, Honors Algebra 2 and/or departmental recommendation.

Physics (NYSSLS) 4072N

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

This course aligns with the New York State Science Learning Standards. The course investigates matter, energy, mechanics, sound, light, electricity, optics, and transfer of digital information. through a variety of classroom and laboratory activities. Students will apply the science and engineering practices to reinforce their understanding of physics concepts. Classes meet for 7½ periods per week. This course culminates with the Physics Regents examination. Students will need to complete a minimum of 1200 laboratory minutes and three required NYS investigations in order to be eligible for the Regents exam. Completion of this course meets part of the N.Y.S. graduation requirement. Students who complete this course will earn a weighting equivalent to an Honors course.
Prerequisite: Successful completion of Regents Chemistry, Regents Algebra 2 and/or departmental recommendation.

AP Physics 1 4036

1 year	1 credit	Grades 10, 11, 12 (NCAA Approved)

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in several content areas including, but not limited to - Kinematics, Forces & Translational Dynamics, Linear Momentum, Rotational Kinematics, Torque, Work, Energy, Power, and Fluids. This course fulfills the laboratory science requirement and will prepare students for the AP Physics 1 exam. At the conclusion of the AP Physics 1 Exam, the course will continue and students will explore topics of Electricity and Magnetism. Students will NOT sit for the Physics Regents exam. This course meets 7 1/2 periods per week.
Prerequisite: 85% in Honors Chemistry, 85% in Geometry and/or department recommendation

AP Physics 1 & 2 4038

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This advanced course is designed to be an algebra-based physics course equivalent to general physics courses usually taken during the first year of college. This challenging course will cover content outlined in both AP Physics 1 and AP Physics 2 in a single year. Students who plan to enroll in AP Physics C before graduation are expected to enroll. Topics such as Newtonian mechanics, fluid mechanics, thermodynamics, electricity and magnetism, waves and optics, and modern physics are presented in considerable depth. This course fulfills the laboratory science requirement and will prepare students for the AP Physics 1, AP Physics 2, and the NYS Regents Physics exams. This course meets 10 periods per week.
Prerequisite: 93% in Honors Chemistry, Honors Algebra 2 and/or department recommendation.

AP Physics C Level 4046

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This Advanced Placement course is an advanced physics course. The course may enable students, as college freshmen, to complete second-year work in the physics sequence at their institution or to register in courses in other fields where general physics is a prerequisite. This calculus-based college-level course explores mechanics during the first half-year and electricity and magnetism during the second-half through a variety of classroom and laboratory activities. Students are encouraged to become involved with science research. Upon successful completion of this course, students are well prepared for the Advanced Placement Physics level "C" examinations - Mechanics & E&M - in May. This course meets 7½ periods per week.
Prerequisite: 90% in AP Physics 1 & 2 and departmental recommendation. *Co-requisite:* AP Calculus AB or BC

Practical Physics (A and B) 4070, 4071

½ year	½ credit	Grades 12 (NCAA Approved)

Students with interests in everyday physical science phenomena will satisfy their scientific curiosity with this non-Regents science program which emphasizes learning through laboratory activities and classroom demonstrations. Topics such as electronics, nuclear physics, heat, sound, light, mechanics, waves, and space systems make this course not only highly interesting, but practical for everyday living as well. Each half-year course meets five periods per week, and concludes with a final examination or project.
Prerequisite: Regents Chemistry or Practical Chemistry

AP Environmental Science - Biology (BIO-APES) 4050

1 year	1 credit	Grades 9 (NCAA Approved)

This course is an advanced alternative to Honors Biology for 9th grade students. It follows a combined curriculum of both Honors Biology and AP Environmental Science. This course is designed to explore environmental topics with a special focus on the biological sciences. Due to the fast pace and depth of material, extensive work outside the classroom will be required. All students will be required to take the AP exam in May and the Biology Regents exam in June. Summer assignments are mandatory. Successful completion of the NYS Required Investigations and laboratory activities are required for admission to the Biology Regents examination. This course meets 10 periods per week.
Prerequisite: Placement by teacher and department recommendation only. To qualify for consideration, students must maintain at least a 97% average in Honors Earth & Space Science and successfully complete all pre-AP assignments.

AP Environmental Science 4028

1 year	1 credit	Grades 11, 12 (NCAA Approved)

This course provides students with an understanding and appreciation for the scientific principles, concepts, and methodologies of the interrelationships of the natural world. Students will identify and analyze environmental problems and develop solutions to address them. The focus of the course is to investigate the scientific principles behind the environmental problems and issues. Students are also encouraged to become involved with science research. Upon successful completion of the course, students will be expected to sit for the corresponding Advanced Placement examination in May.
Prerequisite: 85% or higher in three years of high school laboratory science such as Regents Chemistry and/or departmental recommendation.

AP Psychology 4090

1 year	1 credit	Grades 11, 12 (NCAA Approved)

The AP course in Psychology introduces students to the systematic and scientific study of human and animal behavior and mental processes. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields of psychology, and learn about the scientific and practical methods of psychologists. Upon successful completion of this course and the AP examination, a college may grant credit for completion of a one half-year introductory course in psychology. Students are encouraged to become involved with a science research project. The course meets for 5 periods per week, and students are well prepared for the AP examination in Psychology.
Prerequisite: 85% or higher in two years of high school laboratory science such as Regents Chemistry and/or departmental recommendation.

Elective Science Courses

Astronomy 4051

½ year	½ credit	Grades 9, 10, 11, 12 (NCAA Approved)

This course is a general survey of the solar system. Theories of the origin of the solar system, modern ideas of birth, life and death of stars, structure and dynamics of the universe, the Earth, moon and planets, time, tides, and eclipses, as well as general survey of comets, meteors and probes are studied. Students will make use of the full-scale planetarium at High School East. The class meets five periods per week for one half-year.
Prerequisite: Regents Earth & Space Science and/or departmental recommendation.

Forensics - Criminalistics Science 4091

½ year	½ credit	Grades 10, 11, 12 (NCAA Approved)

This laboratory oriented course introduces students to the modern forensic laboratory techniques used to analyze minute samplings, fingerprints, ballistics, and other elements of a crime scene by drawing upon the fields of biology, chemistry, Earth science and physics. Recent prominent criminal investigations are used as the basis for class discussions, and are analyzed from scientific viewpoints. Medical applications and career opportunities are investigated through class work and field trips. This course meets five periods per week, and culminates with a final examination or project.
Prerequisite: Two units of high school science including Biology.

Genetics 4056

½ year	½ credit	Grades 10, 11, 12 (NCAA Approved)

This exciting elective will be of great interest to students contemplating careers in law, law enforcement, medicine, agriculture and business. Students will be exposed to both the theoretical and practical applications of genetic engineering through class discussion, lab experiences and field trips. Students will investigate the structure and function of the DNA molecule and its implications on our society. By performing a variety of laboratory exercises, students will gain the skills necessary to manipulate the DNA molecule and will investigate career opportunities these skills may provide. This class meets for 5 periods per week for one 1/2 year. *Prerequisite:* Regents Biology and/or departmental recommendation.

Marine Science (A and B) A4075, B4076

½ year	½ credit	Grades 10, 11, 12 (NCAA Approved)

Field studies and detailed classroom and laboratory activities emphasize the biological aspects of oceanography in this course. Physical, chemical, and geographical aspects of the marine environment are surveyed as well. Students gain an insightful understanding of the environmental problems and challenges facing humans and a prized resource, the ocean. Each 1/2 year course concludes with a final examination or project and meets 5 periods per week.
Prerequisite: Biology, Marine Science B requires Marine Science A.

Anatomy and Physiology 4092

½ year	½ credit	Grades 10, 11, 12 (NCAA Approved)

This course begins with an introduction to the human body and the key chemistry concepts needed to understand its processes. Each of the nine systems of the body is covered in detail and laboratory experiences are provided related to the body system being studied. This class will meet five periods per week and conclude with a final examination or project. *Prerequisite:* Biology

Project Lead the Way: College Introduction to Engineering Design 4064

1 year	1 credit	Grades 9, 10, 11, 12

This introductory engineering course is part of the Project Lead the Way (PLTW) Program. This course introduces students to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software (Fusion 360) to represent and communicate solutions.
The course also provides students the opportunity to receive three credits from Rochester Institute of Technology at the end of the course (optional). To be eligible to receive RIT credits students must have a minimum class average of 85% and pass the national PLTW End of Course (EoC) exam.
Prerequisites: Successful completion of Algebra 1 and one Regents level science course.
Co-requisite: Geometry

Project Lead the Way: College Principles of Engineering 4065

1 year	1 credit	Grades 10, 11, 12

Principles of Engineering (POE) is an engineering course that is part of the Project Lead the Way (PLTW) Program. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science and technology.
The course also provides students the opportunity to receive three credits from Rochester Institute of Technology at the end of the course (optional). To be eligible to receive RIT credits students must have a minimum class average of 85% and pass the national PLTW End of Course (EoC) exam.
Prerequisite: Successful completion of two Regents level science courses and two Regents level math courses. Successful completion of PLTW Introduction to Engineering Design is recommended, but not required.

Science Department





Science 6

Science 7

Honors Earth & Space Science

Science 8

Foundations of Biology

Biology AP Environmental Science (BIO-APES)

Honors Biology

Earth & Space Science

Earth & Space Science

Honors Chemistry & AP Biology

Honors Chemistry

Biology

Chemistry

AP Physics 1&2

AP Physics 1

Chemistry

Physics

AP Physics C &/or AP Elective

AP Elective

Physics

AP Physics 1&2

AP Elective

AP Electives

-Biology AP Environmental Science (BIO-APES)
-AP Biology
-AP Chemistry
-AP Physics 1
-AP Physics 1&2
-AP Physics C
-AP Environmental Science
-AP Psychology

Electives

Anatomy & Physiology
Astronomy
Forensics
Genetics
Marine Science A/B
Practical Chemistry A/B
Practical Physics A/B
PLTW – Introduction to Engineering Design
PLTW – Principles of Engineering

Half Hollow Hills STEM Excellence Distinction

The Half Hollow Hills STEM Excellence Distinction is a district-sponsored program designed to recognize student commitment and achievement in the fields of Science, Technology, Engineering and Mathematics. Specifically, this incorporates a student's completed coursework in the fields of Science, Mathematics, Statistics, Engineering and/or Computer Science.

The goal of this program is to provide its members opportunities to prepare and develop the skills necessary to participate in a competitive global job market full of creative problem solvers. STEM Excellence members will have been presented with content and strategies to gain the confidence needed to explore problems, take risks, and turn challenges into numerous possibilities for their future career choices. By meeting the requirements for this program, students will have demonstrated their commitment, interest and intellectual aptitude to begin an advanced degree in a competitive college environment as well as possess the abilities necessary to go forward as independent, responsible, and self-directed learners.

Students may earn this distinction by satisfying the four requirements stated below:

- Completion of at least 4 course credits of Regents, Honors or AP science classes
- Completion of at least 4 course credits of Regents, Honors or AP math classes
- Completion of at least 3 course credits from any combination of the courses listed below:

Statistics	Engineering	Computer Science
AP Statistics	PLTW College Introduction to Engineering Design PLTW College Principles in Engineering Design	AP Computer Science Principles AP Computer Science A

- Overall minimum true average of an 85% from all of these required courses

To earn a:

- "STEM Excellence-Recipient" designation on their transcript, students must have successfully completed all of the course requirements.
- "STEM Excellence-Candidate"* designation on their transcript, students must be currently enrolled in the remaining courses needed to fulfill all of these requirements.

Each student's appropriate designation will be included within his or her transcript by the fall of the following school year.

*This distinction will be elevated to a "STEM Excellence-Recipient" once the student successfully completes all of the required courses.

Social Studies

Regents Global History and Geography I 2020

1 year	1 credit	Grade 9 (NCAA Approved)

This course is the first of a two-year required course of study in world history and begins with the Paleolithic Era and the development of the first civilizations, continues with an examination of classical societies, and traces the expansion of trade networks and their global impact. The course emphasizes the key themes of interactions over time, shifts in political power, and the role of belief systems. The course concludes with a district final examination.

Prerequisite: Social Studies 8

Honors Global History and Geography I 2010

1 year	1 credit	Grade 9 (NCAA Approved)

The course follows a chronological approach beginning with a study of Paleolithic and Neolithic times and concludes with a close look at the effects of exploration in the Atlantic world. The course emphasizes an understanding of the major developments and trends in world history, as well as teaching and promoting historical thinking and writing skills. Students will analyze and evaluate historical documents as well as compare secondary accounts of the past. The course concludes with a district final examination. Students who take this course will continue their study of world history in 10th grade and will be prepared to take either AP World History or Honors Global History and Geography II. This course satisfies the first year of the two-year required course of study in world history.

Prerequisite: Minimum of 90% average in Social Studies 8 and departmental/teacher recommendation.

Regents Global History and Geography II 2021

1 year	1 credit	Grade 10 (NCAA Approved)

This is the second year of a two-year required sequence in Global History and Geography. Students will learn about the Age of Revolution, major world events of the 19th and 20th centuries, and to make connections to current events. Students will analyze and evaluate historical documents and will demonstrate their knowledge of historical thinking skills in constructed response question sets and document-based essays on the enduring issues in world history. Students will take the Regents examination in Global History and Geography II at the conclusion of the course.

Prerequisite: Successful completion of Regents Global History and Geography I.

Honors Global History and Geography II 2011

1 year	1 credit	Grade 10 (NCAA Approved)

This is the second year of a two-year required course of study in Global History and Geography. Students will learn about the Age of Revolution, major events and trends of the 19th and 20th centuries, and to make connections to current events. They will analyze and evaluate historical documents and will write descriptive and comparative essays on turning points in world history. There will be more in depth coverage of topics than the Regents level course. Materials and assignments are more rigorous. At the conclusion of the course students will take the Regents examination in Global History and Geography II.

Prerequisite: 85% average in Global I Honors and departmental/teacher recommendation.

AP World History 2009

1 year	1 credit	Grade 10 (NCAA Approved)

This is a college-level course that continues the 9th grade study of world history. Focused on world history beginning in 1200, this course builds upon the historical thinking skills, habits of mind, and knowledge that students were introduced to in the 9th grade with an emphasis on an understanding of the major developments and trends in world history. Students will analyze and evaluate historical documents and will write Long Essay Questions linked to historical thinking skills, as well as document-based essays on the important themes in world history. This is a college level course and students will take both the College Board Modern World History examination *and* the Regents examination in Global History and Geography II at the conclusion of this course. This course satisfies the second year of the two-year required course of study in world history.
Prerequisite: 90% average in Honors Global History and Geography I and departmental/teacher recommendation. A summer assignment is required.

Regents United States History and Government 2022

1 year	1 credit	Grade 11 (NCAA Approved)

This required course of study is designed to provide students with a survey of the major events and trends in our nation's history. The course stresses an understanding of enduring Constitutional and civic issues that have impacted our political, economic and social history. At the conclusion of this course, students will take the Regents examination in United States History and Government.
Prerequisite: Successful completion of Regents Global History and Geography II.

Honors United States History and Government 2012

1 year	1 credit	Grade 11 (NCAA Approved)

Designed for those students who have demonstrated exceptional interest and ability in modern global history, this course emphasizes the analysis of American history. Students read and analyze historical decisions, form conclusions from data, and write comparative and document-based essays. Students will take the Regents examination in United States History and Government at the conclusion of the course.
Prerequisite: 85% average in Honors Global History and Geography II and departmental/teacher recommendation.

AP United States History 2014

1 year	1 credit	Grade 11 (NCAA Approved)

This college-level course emphasizes major themes of American history from the founding of the first colonies to the present. The course stresses an understanding of enduring Constitutional issues that have impacted our nation's political, economic and social history. Students in this course will analyze and evaluate historical documents and will write Long Essay Questions linked to historical thinking skills, as well as document-based essays on the important themes in US history. This is a college level course and students will take both the College Board Advanced Placement Exam in United States History and the United States History and Government Regents Examination at the conclusion of the course.
Prerequisite: 85% average in AP World History or 90% average in Honors Global History and Geography II and departmental/teacher recommendation. A summer assignment is required.

Regents Social Studies 12: Regents Participation in Government 2024

1/2 year	1/2 credit	Grade 12 (NCAA Approved)

The course helps students to become active and involved citizens through the exploration of important topics regarding all levels of government. Students will be encouraged to make connections between the structure of governmental processes and the role of the citizen in influencing this process. Students in this course will complete a portfolio of required assignments. Students must pass Government in order to fulfill graduation requirements.

Prerequisite: Successful completion of Regents United States History and Government

Regents Social Studies 12: Part II: Regents Economics 2025

1/2 year	1/2 credit	Grade 12 (NCAA Approved)

Students in this course participate in learning activities that enhance understanding of the principles and theories that are the foundation of our economic system. Students study topics such as globalization, the United States economic system, enterprise system, labor and business, personal finance, fiscal and monetary policy. Students in this course will complete a portfolio of required assignments. Students must pass Economics to fulfill graduation requirements.

Prerequisite: Successful completion of Regents United States History and Government

Honors Social Studies 12: Part I: Honors Participation in Government 2017

1/2 year	1/2 credit	Grade 12 (NCAA Approved)

Students explore the concepts of justice, equality, responsibility and virtue within the American experience. Materials and assignments are more rigorous than those used in the Regents level course. Students in this course will complete a portfolio of required assignments. Students must pass Government to fulfill graduation requirements.

Prerequisite: 90% average in Honors United States History and Government and departmental/teacher recommendation.

Honors Social Studies 12: Part II Honors Economics 2018

1/2 year	1/2 credit	Grade 12 (NCAA Approved)

Students analyze the elements of the American economic system. Emphasis is placed on the role of the Federal Reserve in determining monetary policy and its impact on fiscal policy. Materials and assignments are more rigorous than those used in the Regents level course. Students in this course will complete a portfolio of required assignments. Students must pass Economics to fulfill graduation requirements.

Prerequisite: 90% average in Honors United States History and Government and departmental/teacher recommendation.

AP Economics (Macro/Micro) and American Government 2016

1 year	1 credit	Grade 12 (NCAA Approved)

This course will focus on giving students a thorough understanding of the principles of macro and micro economics. It will place primary emphasis on the nature and functions of markets, and the role of government in promoting greater efficiency and equity in the economy. Supply and demand models, consumer choice, production and costs, and market structures will be analyzed. Measurement of economic performance, national income and price determination, as well as international economics will also be included. This is a college level course and students will take the College Board Advanced Placement Exam in both Macroeconomics and Microeconomics. This course fulfills Economics and Government requirements for graduation.
Prerequisite: 85% average in AP United States History or 90% average in Honors United States History and Government and departmental/teacher recommendation. A summer assignment is required.

AP United States Government and Politics and Economics 2015

1 year	1 credit	Grade 12 (NCAA Approved)

This course enables students to apply the use of argument and debate to domestic and international, economic and political issues. Some of the essential questions explored include: On what basis does the legitimacy of ethnic cleavages affect a political and economic system? Does the free market system operate effectively in the 21st century? How does government policy influence the economy? How do economic and political conditions influence the development of the American Constitution? This is a college level course and students will take the College Board Advanced Placement Exam in United States Government and Politics. This course fulfills economics and government requirements for graduation.
Prerequisite: 85% average in AP United States History or 90% average in Honors United States History and Government and departmental/teacher recommendation. A summer assignment is required.

Honors Senior Experience (SS) 2080

1 year	2 credits	Grade 12 (NCAA Approved)

Senior Year Experience is an interdisciplinary class that provides real-world application of the skills and knowledge students acquire prior to entering twelfth grade. In unique and meaningful ways, the course connects the learning that happens in the classroom to the larger world and business community. Senior Year Experience promotes independence, self-discipline, initiative, advocacy, and the ability to be an effective communicator and leader. Students attend a double-period humanities class three days per week and attend an internship of their choosing two days per week. The curricular portion of Senior Year Experience is taught by an English and Social Studies teacher and has been thematically designed around a host of modern global issues that affect students' daily lives. The internship portion of the class gives students hands-on work experience in their chosen profession/interest for a minimum of four hours per week. The curriculum bridges themes students study in class with their internship experiences. By gaining an understanding of these themes and real-world connections, students broaden their background knowledge and strengthen their ability to positively participate in the world around them. Note: This 2 credit course is taken in conjunction with Senior Experience English and satisfies the English 12 and Social Studies 12 Government/Economics requirements. It is one of the qualifying classes for the Business Academy.
Prerequisite: Successful completion of US History & Government and English 11 and an application process.

AP African American Studies (SS) 2005

1 year	1 credit	Grades 11, 12 (NCAA Approved)

The AP African American Studies course examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. Due to the integrative nature of the course, we are offering credit in both the English and Social Studies Departments. Students may take AP African American Studies as a Social Studies or English elective in either their junior or senior year, or 12th grade students can elect to take the course to fulfill their required 12th grade English OR Social Studies credit. ♦Students who take this in 12th grade have the option of earning their required Government and Economics credit. Students will be qualified and expected to take the AP Exam.

AP European History 2013

1 year	1 credit	Grades 11 & 12 (NCAA Approved)

This is a seminar-based college-level course on the general narrative of European history from 1450 to the present. The study includes an examination of political, diplomatic, economic, social, intellectual and cultural themes. There is an integration of the history of elites with the experience of ordinary people. Students will compare and contrast the major ideas of documents that contributed to the growth of western civilization. They will also use and analyze statistics, visual and graphic resources, and historical interpretations. Teacher and/or departmental recommendation required. This is a college level course and students will take the College Board Advanced Placement Exam in European History. Teacher and/or department recommendation is required. There is a required summer assignment. Students will be qualified and expected to take the AP Exam.

AP Human Geography 2040

1 year	1 credit	Grades 9 - 12 (NCAA Approved)

This college level course introduces students to the importance of spatial organization, including the location of places, people and events, and the connections among places and landscape and the understanding of human life on Earth. While history poses “When and why?” human geography asks “Where and Why?” Students will explore population and the ways in which the human population is organized geographically, cultural patterns and processes and the way geographers assess cultural groups as defined by language, religion, race, ethnicity, and gender, the political organization of space, industrial and economic development as it relates to space utilization, and urban land use, as well as other provocative topics. Teacher and/or departmental recommendation required. This is a college level course and students will be expected to take the AP Human Geography exam. Teacher and/or department recommendation is required. A summer assignment will be required. ♦Students who take this in 12th grade have the option of earning their required Government and Economics credit.

College Introduction to Education 2064

1/2 year	1/2 credit	Grades 10 - 12

This course is part of the Long Island University/C. W. Post Scholars Program and upon successful completion, students can choose to receive three (3) college credits. This course will explore contemporary issues in education, specifically exploring interactions between individual learners and the educational system. This class will use ideas, theories, and findings from social science disciplines or philosophy in order to ground the study of the course topics. Students will also explore career options and learn more about high-need subject areas and locations. The class will address the variety of academic and social-emotional needs found in a diverse educational setting, including race, gender, social class, (dis)-ability and corresponding historical responses. By examining the changing dynamic of classrooms over time, students will explore how to best meet the needs and demands of today's diverse student body. Opportunities for visitation to elementary classrooms will be arranged and there will be a variety of guest speakers. This course is designed for students who are considering careers in education. It will provide a foothold for students pursuing undergraduate programs in education in any college or university.

Current Events 2060

1/2 year	1/2 credit	Grades 9 - 12

Today we get most of our information through an interwoven system of media technologies. The ability to make sense of many types of media has become an essential skill in the 21st century. Students in this course will develop critical thinking skills and will learn how to access, analyze, evaluate, and create media. This course is designed to help students develop an informed and critical understanding of mass media, as information sources, as entertainment, and as an industry, as well as to examine, interpret, and evaluate the messages contained within, and their social, cultural and political implications. In addition, for students looking to better understand the world they live in, this is the course for you. Students will not only learn *what* is happening, but *why*, and why there is often conflict and/or debate surrounding events. This class is designed to provide students with the opportunity to discuss, understand, and explore local, national, international, political, economic and social issues in a respectful, meaningful, and active way. Information will be presented in a neutral and unbiased way so that students can form their own opinions on issues. This course will allow students to participate in conversations with a strong understanding of current events and to support their views of these events. Raising awareness of contemporary issues allows students to become more informed citizens, who in turn can form, support, and express views in an open forum and in an open exchange of ideas. Because the subject of this class is "contemporary," topics will vary considerably depending on the current news cycle and students may take the class more than once.

Ethics 2066

1/2 year	1/2 credit	Grades 10 - 12

This course is designed to examine current ethical questions regarding the world that we live in. The issues will be explored through scientific/legal/sociological perspectives. Some of these issues may include steroid use, vaccination policies, genetic testing, euthanasia, and others. This course is designed to heighten students' awareness and illustrate the frequent conflicts that confront government as well as the individual when trying to balance scientific data and civil liberties.

Experience in Law: Civil and Constitutional Law 2055

1 year	1 credit	Grades 10 - 12 (NCAA Approved)

This class will take the student from the classroom to the courtroom. Students will learn the elements of Civil and Constitutional Law primarily. They will prepare cases, participate in mock trials, and be lawyers, witnesses and judges. The course will allow students to actively participate and learn by doing.

Holocaust, Human Rights & Genocide 2056

1/2 year	1/2 credit	Grades 10 - 12 (NCAA Approved)

This course focuses on issues of the Holocaust and genocide, including the social, behavioral, and cultural origins of genocide and mass violence and will ways to better understand their consequences and legacies. Students will learn about human rights and why they are central to understanding justice and equality. Students explore numerous resources in their studies including eyewitness accounts, United Nations reports, human rights documents, literature, film, art and media to encourage critical thinking.

Criminal Justice 2053

1/2 year	1/2 credit	Grades 9 - 12 (NCAA Approved)

This course examines all facets of the criminal justice system in America. Particular emphasis is placed upon the relationship of youth and the law. Students will consider problems of law enforcement, the role of the courts in interpreting law and the rights and duties of citizens under the law. The course utilizes guest speakers and field trips to court and police installations.

Race and Ethnicity in America 2059

1/2 year	1/2 credit	Grades 9 - 12

The United States of America is extraordinary because we are the most ethnically diverse democracy in the world. This course is designed to give students an understanding of the role that ideas about race and ethnicity have played in American history, even before we were a nation, and the role that they continue to play. This course begins with an introduction to the history of race and ethnicity in the United States. Focusing on the period after 1865, students will examine the social construction of race and ethnicity, with the aim of understanding the complex ways race and ethnicity have operated in American politics and culture. Students will look at how race and ethnicity have been defined and how definitions have changed over time. Issues will be studied through in-depth analysis of primary and secondary sources. In the second half of the course, students will research in class and present their findings as they explore the experience and impact on our nation's development of other racial and ethnic communities.

Psychology 2050

1/2 year	1/2 credit	Grades 9 - 12 (NCAA Approved)

This course seeks to analyze and understand why people behave the way they do, both consciously and unconsciously. Through scientific studies, case histories, experiments and related materials and activities, the student will gain an insight into human behavior. The course will also stress informal discussions designed to provide a greater understanding of one's own behavior.

Sports in American History and Society 2051

1/2 year	1/2 credit	Grades 9 - 12 (NCAA Approved)

This course is one in which students will discover how sports are closely linked to American history and American values. Among the historical and contemporary issues explored will be sports as a vehicle for nationalism; the influence of sports on the American Civil Rights Movement; sports as an agent of foreign policy during the Cold War and after; the economics of sports: sports as big business, tax subsidies to build stadia, growth of labor unions, Title IX, and additional social issues such as athletes as role models and possible connections between violence in sports and violence in society.

College Intro to Sociology 2058

1/2 year	1/2 credit	Grades 10 - 12 (NCAA Approved)

This course is part of the Long Island University/C. W. Post Scholars Program and upon successful completion, students can choose to receive three (3) college credits. Intro to Sociology College Level is an introductory survey course. This course covers the nature and organization of human society, socialization, culture and social interaction. Throughout the course we will examine the social processes that contribute to problems such as poverty, violence, crime, and climate change if they are to have the tools to work toward solutions to the pressing global issues we all face in the 21st century. We will investigate how the social world influences the way we think, feel, and act. Students will work to gain a sociological understanding of the world around them. "A sociological perspective underscores the importance of examining the social world with a critical eye and questioning assumptions, stereotypes and generalizations that underlie conventional social interactions and beliefs about one's world."

Social Media &Broadcasting 2070 Offered at High School East only

1/2 year	1/2 credit	Grades 9 - 12

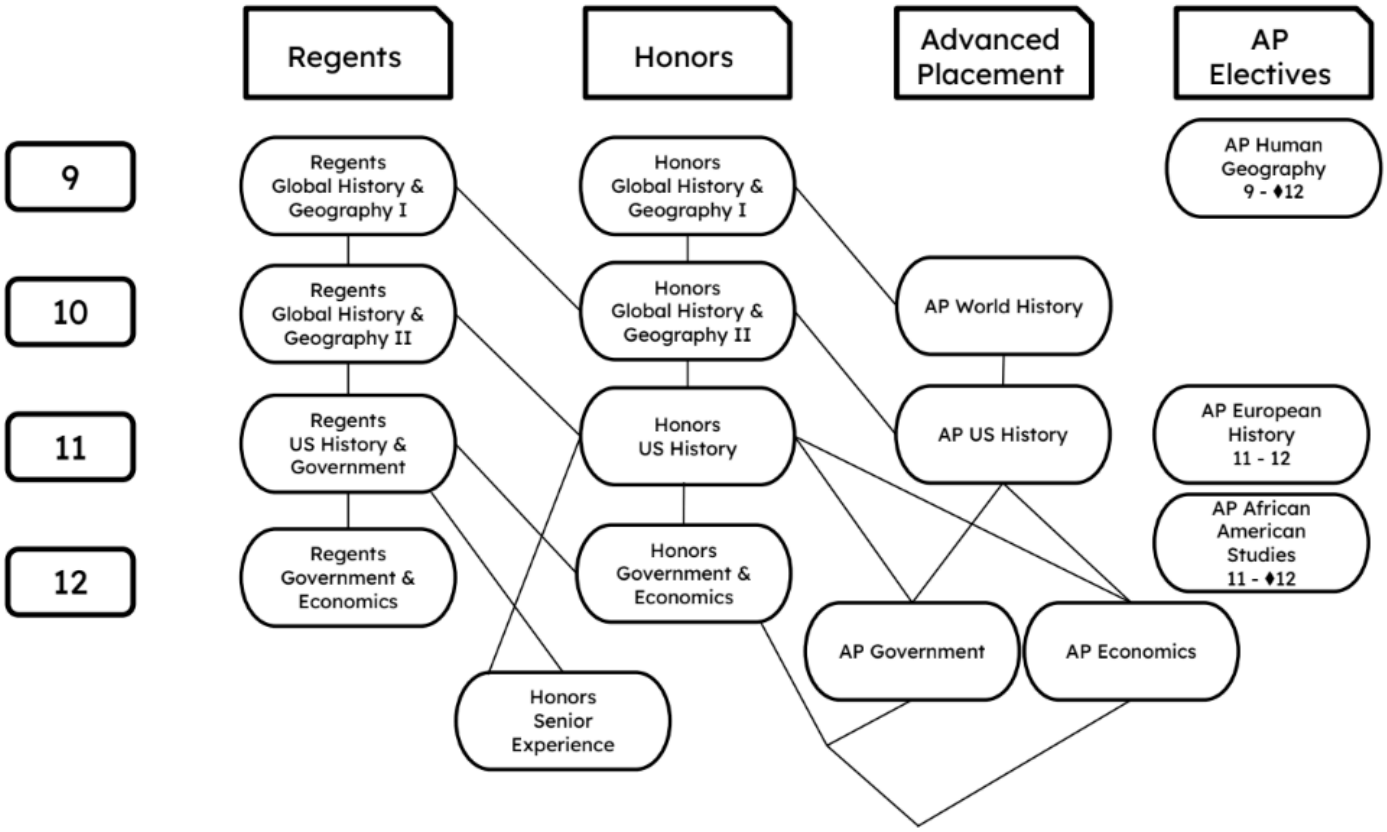
Our Broadcasting classes offer students hands-on experience working in the Broadcast Studio. Students will learn the technical skills necessary to allow them to work both behind the scenes and in front of the camera. Students will learn to write, produce, edit and direct media content and will develop competency in a wide-range of communication technologies. Students will also learn platform-specific strategies for popular social media channels and adapt content for different audiences while creating engaging visual and audio content.Most classes will take place in the Broadcast Studio and the Control Room, however students will be required to spend some time outside of the classroom recording footage for broadcast segments. Each half-year elective is available to students for consecutive semesters and academic years.

The New York State Seal of Civic Readiness (NYSSCR)

The NYSSCR is a formal recognition that a student has demonstrated civic knowledge, skills, mindsets and experiences necessary to become an actively engaged citizen. The Seal of Civic Readiness, a distinction on a high school transcript and diploma, shows the student's understanding of and commitment to participatory government, civic responsibility, and civic values; provides universities and colleges with a method to recognize and provide credit for attainment of higher level of understanding and skills in Social Studies; demonstrates to universities, colleges, and future employers that students have earned recognition for their civic knowledge, skills, mindset, and experiences; and recognizes the value of civic engagement and scholarship to school communities and society at large. Students must earn a total of six points (see matrix below), with a minimum of two points earned from the "Civic Knowledge" column and two points earned from the "Civic Participation" column. The ability to earn the seal is built into social studies coursework and experiences in grades 9 - 12. Students who wish to earn six points *prior to their senior year,* should be aware that points can be earned for advanced course work in social studies (honors and AP classes) AND for taking elective courses that promote civic engagement. These courses are noted with a # and are Holocaust, Human Rights and Genocide, Ethics, Current Events, and Race & Ethnicity in America.

Civic Knowledge	Pts.	Civic Participation	Pts.
4 Credits of social studies	1	High School Civics Project (limit two times during grades 9-12)	1.5
Mastery level on Social Studies Regents Exam	1.5*	Service-Learning Project (minimum 25 hours) and reflective civic learning essay/presentation/product	1*
Proficiency level on Social Studies Regents Exam	1*	Proficiency level in an elective course that promotes civic engagement	.5*
Advanced social studies course(s)	.5*	Middle School Capstone Project (Grades 7 and 8 are only eligible for this point)	1
Research Project	1	Extra-curricular participation or work-based learning experience (minimum 40 hours) and an essay/presentation/product	.5*
		Civics Capstone Project	4

*Students may receive these points more than once.



ELECTIVES		
9, 10, 11, 12	10, 11, 12	Advanced Placement/College Credit
Criminal Justice	#Ethics	AP African American Studies (SS) (11 - ♦12)
Psychology	Experience in Law (full year)	AP Human Geography (9 - ♦12)
#Current Events	#Holocaust, Human Rights and Genocide	AP European History (11-12)
#Race & Ethnicity in America		*College Introduction to Education (10-12)
Sports in American History		*College Introduction to Sociology (10-12)
Social Media & Broadcasting (HSE Only)	#These courses have a civic component and allow students to earn .5 points towards the NYSSCR. ♦ In grade 12 only, students can take for required 12 grade social studies credit. *This is a dual enrollment class. Students that successfully complete the course can earn 3 college credits.	

World Languages

Checkpoint A Spanish 5043

1 year	1 credit	Grades: 9, 10, 11, 12

This course is for those students who did not fully complete Checkpoint A at the middle school or who are new to the District with no prior study of a language. Students will develop communicative proficiency in reading, writing, speaking and listening. Students will also develop cross-cultural skills and understandings as outlined in the Learning Standards for Languages Other Than English. Passing this course satisfies the graduation requirement for a High School Regents Diploma. This course will satisfy all requirements for Checkpoint A of the N. Y. State Syllabus "Modern Languages for Communication". At the conclusion of this course, students may be recommended to take the Checkpoint A exam. If a student passes the exam, they will be eligible to enroll in a Spanish 9R course.

Prerequisite: None or failure to meet Checkpoint A requirements at the middle school

Regents French 9 5015 / Regents Italian 9 5055 / Regents Spanish 9 5035

1 year	1 credit	Grades: 9, 10, 11, 12 (NCAA Approved)

This course is the continuation of Language 7 and 8 in middle school. Students must have passed Mastery Language 8 and the locally developed examination in middle school in order to take this course. This course is part of a two year sequence in Checkpoint B of the N. Y. State curriculum and students will take the locally developed examination upon completion of Language 10. The course includes an intensive review of Checkpoint A objectives and begins coverage of performance indicators for Checkpoint B. Students will continue to develop communicative proficiency in listening, speaking, reading and writing as outlined in the learning standards for Languages Other Than English as well as developing cross-cultural skills and understandings.

Prerequisite: Successful completion of Language 7 and 8 and the locally developed assessment in French, Italian or Spanish

Mastery Level Mandarin Chinese 9 5080

1 year	1 credit	Grade: 9 (NCAA Approved)

This course is the continuation of Language 7 and 8 in middle school. Students must have passed Mastery Level Mandarin Chinese 8 and the locally developed assessment in the middle school in order to take this course. This course is part of a two year sequence in Checkpoint B of the N. Y. State curriculum and students will take the locally developed assessment upon completion of Mastery Level Mandarin Chinese 10. The course includes an intensive review of Checkpoint A objectives and begins coverage of performance indicators for Checkpoint B. Students will continue to develop communicative proficiency in listening, speaking, reading and writing/characters as outlined in the learning standards for Languages Other Than English as well as developing cross cultural skills and understandings.

Grade 9 Honors Recognition For Mandarin Chinese: Upon successful completion of the course at the end of grade nine, students achieving a 93 or above as a final grade will receive Honors credit and the class will be indicated as H Chinese II on the transcript. Those receiving below a 93 as a final grade will continue to receive Regents level credits.

Prerequisite: Successful completion of Chinese 7 and 8 and passing the locally developed assessment in Mandarin Chinese.

Regents French 10 5016 / Regents Italian 10 5056 / Regents Spanish 10 5036

1 year	1 credit	Grades:10,11,12 (NCAA Approved)

This course is the second year of a two year sequence which completes Checkpoint B of the N. Y. State Curriculum. The course stresses the two Learning Standards for Languages other than English; communication and cultural understanding. Listening and speaking are primary communicative goals. Reading and writing are highly emphasized at this level. These skills are taught in the context of socializing, providing and acquiring information, expressing personal feelings and opinions and getting others to adopt a course of action. Students become proficient in the language based on the performance indicators for Checkpoint B and prepare for the locally developed final examination. Passing of this course and of the examination fulfills the graduation requirement for a Regents Diploma with Advanced Designation.
Prerequisite: Successful completion of Language 9

Mastery Level Mandarin Chinese 10 5081

1 year	1 credit	Grade: 10 (NCAA Approved)

This course is the continuation of Language 9. Students must have passed Mastery Level Mandarin Chinese 9 in order to take this course. This course is part of a two year sequence in Checkpoint B of the N.Y. State curriculum. Students will take the locally developed assessment upon completion of Mastery Level Mandarin Chinese 10. The course stresses the two Learning Standards for Languages other than English; communication and cultural understanding. Listening and speaking are primary communicative goals. Reading and writing are highly emphasized at this level. These skills are taught in the context of socializing, providing and acquiring information, expressing personal feelings and opinions and getting others to adopt a course of action. Students become proficient in the language based on the performance indicators for Checkpoint B and prepare for the locally developed examination. This course terminates with a mandatory examination. Passing of this course and of the examination fulfills the graduation requirement for a Regents Diploma with Advanced Designation.
Prerequisite: Successful completion of Chinese 9

Grade 10 Honors Recognition For Mandarin Chinese: Upon successful completion of the course at the end of grade ten, students achieving a 93 or above as a final grade will receive Honors credit and the class will be indicated as H Chinese III on the transcript. Those receiving below a 93 as a final grade will continue to receive Regents level credits.

French 11 5017

1 year	1 credit	Grade: 11 (NCAA Approved)

This course is for students who have completed the French 10 locally developed examination and wish to continue their study of French in Grade 11. The course includes the study of cultural and historical figures, French poetry, short stories and plays, newspaper and magazine articles, and everyday life skills such as cooking, shopping, and travel. Also included are film studies, art, music, and cross cultural mini dramas. Upon termination of this course, students demonstrate sophisticated knowledge of cultural nuances of the French culture and develop their communicative proficiency in French language.
Prerequisite: Successful completion of Regents French 10

Italian 11 5057

1 year	1 credit	Grade: 11 (NCAA Approved)

This course is for students who have successfully completed the Italian 10 course and the locally developed examination and wish to continue study of Italian in Grade 11. Students will study Italian lifestyles as reflected in cuisine, music, art and dress, as well as basic literature, civilization and film study.
Prerequisite: Successful completion of Regents Italian 10.

Spanish 11 5037

1 year	1 credit	Grade: 11 (NCAA Approved)

This course is for students who have successfully completed the Spanish 10 course and the locally developed examination and wish to continue study of Spanish in Grade 11. In this course, students will continue the development of their Spanish language skills while expanding their understanding and awareness of the different Spanish-speaking cultures around the world. The content of the course will emphasize oral communication, listening in authentic situations, reading for language in context and writing on a variety of cultural topics. The topics, situations, and proficiencies of this course are based on the New York State Checkpoint C Standards and as students progress throughout the course they will practice and improve their grammatical skills in the Spanish language as well as learn to share and discuss their likes, feelings and opinions about travel, cultural activities and sport via a variety of authentic materials, realia and project- based learning.
Prerequisite: Successful completion of Regents Spanish 10

College Intermediate Chinese II (Chinese 12) 5083

1 year	1 credit	Grades:11, 12 (NCAA Approved)

These courses will be offered on a rotating basis each year to juniors and seniors together & each course is independent of the other. In each course, students will gain knowledge of approximately 300 new characters while being completely immersed in Mandarin. Culturally-rich topics such as literature, civilization of Mandarin speaking countries, geography, the history of Chinese festivals, as well as exchanges beneficial in a business context will be studied. Additionally, a variety of artifacts will be explored, such as primary & secondary sources, current events and authentic situations to enhance both linguistic and cultural acquisition.
Each course culminates in a mandatory final exam and all performance indicators are aligned with New York State's standards for LOTE.Students registered as a 12th grade student will have the option of registering for college credit through Stony Brook University's ACE program.

Grade 11/12 Honors Recognition For Mandarin Chinese: Upon successful completion of the course at the end of grade 11/12, students achieving a 93 or above as a final grade will receive Honors credit and the class will be indicated as H Chinese IV or V on the transcript. Those receiving below a 93 as a final grade will continue to receive Regents level credits.

Honors French II 5011 / Honors Italian II 5051 / Honors Spanish II 5031

1 year	1 credit	Grade: 9 (NCAA Approved)

This course is for ninth grade students who maintained a high grade point average in Mastery Language course in middle school and who received a 90 or above on the locally developed assessment taken at the completion of the course in Grade 8. This Honors course is accelerated, intensive and highly enriched. The course moves at a rapid pace and students are expected to complete numerous research projects, speaking presentations, additional readings, essays, and technology projects over and beyond the requirements of the regular Regents sequence.
Prerequisite: High grade point average (93%) in Mastery Language and 93% or above on the locally developed examination in French, Italian or Spanish

Honors French III 5012 / Honors Italian III 5052 / Honors Spanish III 5032

1 year	1 credit	Grade: 10 (NCAA Approved)

This Honors course completes Checkpoint B of the N. Y. State Standards for Languages Other Than English and terminates with a mandatory locally developed examination. The curriculum is enriched and students gain optimal proficiency in the skills of reading, writing, listening, and speaking through the completion projects using the four skills and as preliminary preparation for continuation onto further advance placement studies. Cross cultural skills and understandings are also highly developed for students in this Honors sequence that is expected to continue with advanced studies in French, Italian or Spanish. Passing this course and the locally developed examination fulfills the N. Y. State graduation requirement for a diploma with Advanced Designation.
Prerequisite: Honors Language II.

Honors College French IV 5013 / Honors College Italian 5053 / Honors College Spanish IV 5033 (College Elementary Language II (4H)

1 year	1 credit	Grade: 11 (NCAA Approved)

This course is designed to help students begin their preparation for the AP Language exam and course in grade 12. This course will transition students from checkpoint B by fine tuning previously learned material. In addition, through the exploration of literary and artistic themes in music, films and short stories, students develop rich, precise and idiomatic vocabulary necessary for advanced study. Furthermore, advanced study of grammar and the application of complex structures to spoken language will also be a focus. Though this course is a rigorous one, it is designed to alleviate the pressure of preparing for the AP exam in grade 12. This course concludes with a district-wide departmental examination.
Prerequisite: Honors Language III.

College French 12 5019 / College Italian 12 5058 / College Spanish 12 5038/ College Chinese 12 5083 (College Elementary Language II (12)

1 year	1 credit	Grade:12 (NCAA Approved)

These are exciting courses for students who have completed Chinese, French, Italian or Spanish 11 Culture and Literature. Students will have the opportunity to continue their study of the Chinese, French, Spanish and Italian culture and lifestyles in new and exciting ways as reflected in music, art, film, dance, cuisine and varied types of literature. Spanish 12 focuses on Latin America, French 12 focuses on the regions of France as well as other
Francophone countries and Italian 12 focuses on the various regions of Italy. Students will have the option of registering for college credit through Stony Brook University's ACE program.
Prerequisite: Successful completion of Chinese, French, Italian or Spanish 11

AP French 5014 / AP Italian 5054 / AP Spanish 5034 (College Intermediate Language I)

1 year	1 credit	Grade:12 (NCAA Approved)

This course presents a unique opportunity to experience the most advanced language study available to high school students. It is a college-level course which follows the outlines set up by the College Board. Students will develop the advanced fluency necessary to deal with linguistic, cultural and literary topics. At this level the language becomes the means to acquire deeper knowledge of the culture and literature. Students develop attitudes and skills which will provide success in the critical first year of college. Students will be qualified and expected to take the Advanced Placement Examination for possible college credit. This class will fulfill the HHH district initiative for the public speaking requirement as well as another year of language credit. Students will have the option of registering for college credit through Stony Brook University's ACE program.
Prerequisite: Honors Language IV

Intro to American Sign Language 5095

1 year	1 credit	Grades: 9,10,11,12

Students interested in learning a new language in addition to their regular World Language class may find this elective a very special opportunity. Students will develop receptive and expressive communicative proficiency in ASL. Students will also develop cross cultural skills and understandings as outlined in the Learning Standards for Languages Other Than English. This course will satisfy all requirements for Checkpoint A of the N. Y. State Syllabus "Modern Languages for Communication". At the conclusion of this course, students will take the Checkpoint A exam. Successful completion of the coursework and exam will total one unit of credit.
Prerequisite: None

American Sign Language 2 5096

1 year	1 credit	Grades: 9,10,11,12

Students interested in continuing their studies of American Sign Language in addition to their regular World Language class may find this elective a very special opportunity. Students will further develop receptive and expressive communicative proficiency in ASL. Students will also continue to develop cross cultural skills and understandings as outlined in the Learning Standards for Languages Other Than English. This course will satisfy first-year requirements for Checkpoint B of the N. Y. State Syllabus "Modern Languages for Communication". At the conclusion of this course, students will take a district-developed exam. Successful completion of the coursework and exam will total one unit of credit. Students will have the option of registering for college credit through Stony Brook University's ACE program.
Prerequisite: Intro to American Sign Language 5095

American Sign Language 3 5097

1 year	1 credit	Grades: 9,10,11,12

Students interested in furthering their studies of ASL may find this elective an enjoyable opportunity. Students will deepen their receptive and expressive communicative proficiency focusing on more complex grammatical structures and advanced vocabulary. Students will also develop cross cultural skills and understandings as outlined in the Learning Standards for Languages Other Than English. This course will satisfy all requirements for Checkpoint B of the N. Y. State Syllabus "Modern Languages for Communication". At the conclusion of this course, students will take the Checkpoint B exam. Successful completion of the coursework and exam will total one unit of credit.
Prerequisite: American Sign Language II 5096

American Sign Language 4 5098

1 year	1 credit	Grades: 9,10,11,12

The American Sign Language 4 course is a post Checkpoint B class. The course will explore the culture and traditions of the Deaf Community from its art and poetry to its storytelling and history. Emphasis is placed on refining receptive and expressive skills through interactive activities, narratives, and presentations. Students engage in discussions and debates centered around cultural aspects of the Deaf community, enhancing their understanding of cultural norms and nuances within ASL communication. This class will fulfill the HHH district initiative for the public speaking requirement as well as another year of language credit.
Prerequisite: American Sign Language III 5097

Advanced Spanish Culture 5039 (College Elementary Spanish 1)

1 year	1 credit	Grades: 9,10,11,12

The Advanced Spanish Culture is a post checkpoint B class. The course will explore the culture and traditions of Spain from its art and music to its holidays and history. Students will explore the unique histories, holidays, art and music of the diverse Spanish autonomous communities while improving their proficiency in the Spanish language and developing cross-cultural understandings with an emphasis on oral communication. This class will fulfill the HHH district initiative for the public speaking requirement as well as another year of language credit. Students will have the option of registering for college credit through Stony Brook University's ACE program.

Prerequisite: Bi-lingual and/or completion of Checkpoint B

Intro to Arabic 5008

1 year	1 credit	Grades: 9,10,11,12

An introduction to Modern Standard Arabic, stressing speaking, comprehension, reading and writing. Students will learn to communicate Checkpoint A language topics such as greetings and introductions, describing one's family, school life, leisure as well as food and meal-taking. Students will also learn to read and write the Arabic script and learn about Arabic speaking culture(s). Students will complete regular homework assignments for practice and will also have assessments such as quizzes, speaking tasks and projects.

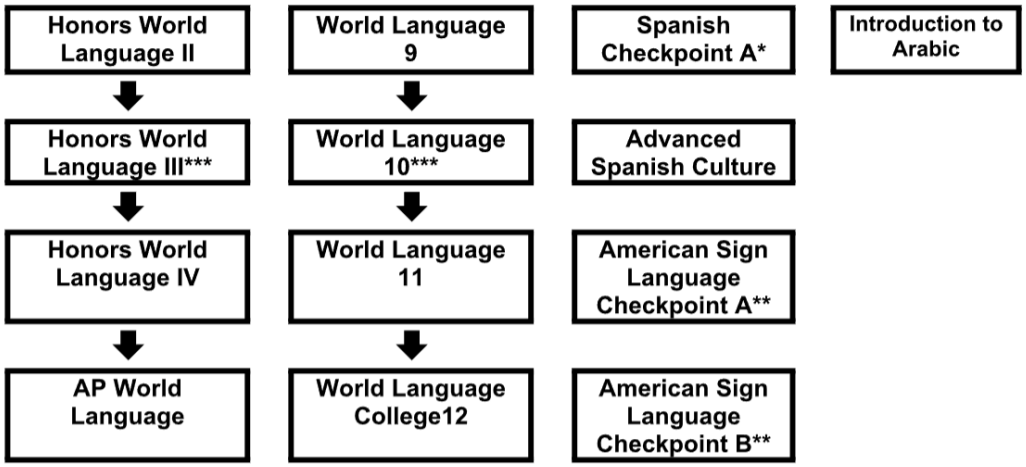
Prerequisite: None

Independent Study:Urdu, Korean, German, Greek, Hebrew, Japanese, Russian 5500's

1 year	1 credit	Grades: 9,10,11,12

Students interested in learning a new language which is not offered in the regular World Language Program find this after school program a very special opportunity. Students must have previous experience learning a foreign language in school or at home and be capable of working on their own. Along with regular class assessments, a mandatory midterm and final exam are given to students in January and June. Attendance is required. **Grades earned in the Independent Study Program are not computed in the student's average but are noted on the transcript. These courses may NOT be taken instead of the regular school offerings for graduation requirements. Independent study World Language courses run after school (Period 10) only!

World Language HS Flow Chart



*** Students who do not meet Checkpoint A at the middle school level or new entrants to the district who have not studied a language other than English.**

****Students can take this course as an Elective- IN ADDITION to their regular World Language class.**

*****Students take the FLACS Checkpoint B Examination.**

******Students will have the option of registering for college credit through Stony Brook University's ACE program.**

WILSON TECH OCCUPATIONAL PROGRAMS (Grades 11-12 Only)

Campuses: Dix Hills ~ Republic ~ Huntington ~ Northport

The Half Hollow Hills Central School District recognizes the importance of occupational and technical training for those students who choose to pursue this course of study. The goal of these programs is to foster lifelong learners who will develop the necessary skills to be successful citizens in the 21st century. **These programs are either one or two year courses of study and are entered in the junior or senior year.** Students are eligible to earn a maximum of 4.5 credits per year upon successfully completing their Wilson Tech program.

Guidelines for Eligibility:

1. Students must be in good academic standing and have obtained junior/senior status prior to beginning a BOCES Wilson Tech program in the fall. The BOCES Wilson Tech program will become part of the applicant's four-year high school plan.
2. Students must be in compliance with Half Hollow Hills Central School District's attendance guidelines. Students who accumulate greater than **18 absences** over the course of the school year may have the number of credits received for their participation in the BOCES Wilson Tech program reduced to less than four and a half credits. **Excessive absences may also result in the student being removed from their program of study.** To ensure that parents/guardians and students are aware of these implications, a meeting with the child's Guidance Counselor and parent or guardian will occur upon accumulating **10 absences**.
3. Students are strongly encouraged to enroll in HHH elective courses pertaining to the particular occupational program (listed below) that they will pursue, if available. For example – a student pursuing Wilson Tech Photography should enroll in the high school elective Photography I or Media Arts.
4. Prior to acceptance into a BOCES Wilson Tech occupational education program, a student application must be completed and approved by the student's Guidance Counselor, Tech Coordinator, and Grade Level Administrator. Students must also attend the BOCES Wilson Tech Orientation and Visitor's Day field trip.

The Half Hollow Hills Central School District participates in the following BOCES occupational educational programs:

Wilson Tech- Course Offerings

All credits earned may be applied toward satisfactory completion of requirements for graduation from a New York State High School.

Complete information on all special programs is available to students in the Guidance Counseling Center.

LONG ISLAND HIGH SCHOOL FOR THE ARTS (LIHSA) (Grades 11-12 Only)

9540 A.M.
9544 P.M.

The BOCES (Board of Cooperative Education Services) Long Island High School for the Arts Program may be selected by students who are talented in Dance or Theatre who wish to continue these studies at a school of
Higher education and who plan to pursue these arts as a profession. Students attend the Long Island School for the Arts in Syosset to complete courses required for high school graduation and to participate in extracurricular activities. Acceptance in the program is conditional upon a successful audition and approval from the Office of the Assistant Superintendent for Education Operations.

COLLEGE COURSES

Half Hollow Hills provides advanced study opportunities through collaborative programs with a variety of colleges and universities, including Adelphi, Five Towns College, Long Island University/C.W. Post, SUNY Stony Brook , Suffolk Community College, and Rochester Institute of Technology.

- Dual Enrollment enables students to purchase credits from these institutions at discounted rates.
- If students attend one of the affiliated colleges, they can apply these credits toward their degree.
- Additionally, they may be able to transfer these credits to other colleges, depending on their acceptance policies.

HALF HOLLOW HILLS SCHOOLS
COURSE SELECTION WORKSHEET

_____ _____ _____
Last Name (Print) First Name (Print) Middle Initial
Student ID# _____
_____ _____ Circle One: HS East HS West
Home Telephone# School Counselor

	Subject	Course Name	Course Number	Credits
1	English			
2	Social Studies			
3	Math			
4	Science			
5	World Language			
6	Art, Music or Health			
7	Physical Education			

Students must circle Lunch unless they are enrolling in a full 9 period course program.

8	9701 Lunch (Fall)	9702 Lunch (Spring)	9703 Lunch(Year)	9704 Lunch (Fall) A/B	9705 Lunch (Spring) A/B

<u>List Electives Below</u>: Refer to the course description listed In the Infinite Campus Scheduler for elective options. <u>Students are strongly encouraged to list electives based on order of preference</u>! Electives are determined by enrollment, availability, and placement in the schedule, therefore, <u>alternate electives</u> should also be listed below.

	FIRST CHOICE ELECTIVES			ALTERNATE ELECTIVES	
Code:	Course:	Cr.	Code:	Course:	Cr.
Code:	Course:	Cr.	Code:	Course:	Cr.
Code:	Course:	Cr.	Code:	Course:	Cr.
Code:	Course:	Cr.	Code:	Course:	Cr.

*Students are strongly encouraged to enroll in the <u>five major academic subjects</u> through their high school experience.

TOTAL CREDITS: _____