



Half Hollow Hills



2021 – 2022 Course Offerings

Half Hollow Hills High School

Course Offerings

2021-2022

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High School West

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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 guidance 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 **28 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, Driver Education 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 2020-21 school year if class enrollment is insufficient to meet budgetary guidelines.

Notice of Non-discrimination

The Half Hollow Hills Central School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Dr. Patrick Harrigan
Superintendent
Half Hollow Hills Central School District
Fran Greenspan Administration Center
525 Half Hollow Road
Dix Hills, N. Y. 11746
(631) 592-3008

Graduation Credit Requirements for the Class of 2020, 2021, 2022, 2023

In order to earn a diploma, every student must earn a minimum of 22 credits in addition to meeting specific New York State testing competencies. Only those students who successfully fulfill the diploma requirements are permitted to participate in graduation exercises.

Local Diploma		Regents Diploma		Regents Diploma with Advanced Designation	
English	4	English	4	English	4
Social Studies	4	Social Studies	4	Social Studies	4
Math	3	Math	3	Math	3
Science	3	Science	3	Science	3
World Language ^{#1}	1	World Language ^{#1}	1	World Language ^{#2}	3
Art/Music	1	Art/Music	1	Art/Music	1
Health	.5	Health	.5	Health	.5
Physical Education ^{#3}	2	Physical Education ^{#3}	2	Physical Education ^{#3}	2
Sequence/Electives	3.5	Electives	3.5	Electives	1.5
Total	22	Total	22	Total	22
Required Regents Exams <i>[Special Education, English Language Learners & General Education Students (by Appeal Only), please see NYS Diploma Credential Requirements below]</i>		Required Regents Exams (Passing Score of 65 and Above) <i>(Please see NYS Diploma Credential Requirements below)</i>		Required Regents Exams (Passing Score of 65 and Above) <i>(Please see NYS Diploma Credential Requirements below)</i>	
English Language Arts Exam		English Language Arts Exam		English Language Arts Exam	
One Math Exam: Algebra <u>or</u> Geometry <u>or</u> Algebra 2		One Math Exam: Algebra <u>or</u> Geometry <u>or</u> Algebra 2		Three Math Exams: Algebra, Geometry, & Algebra 2	
Global History or U.S. History Exam		Global History or U.S. History Exam		Global History or U.S. History Exam	
One Science Exam: Earth Science or Living Environment (Biology) or Chemistry or Physics		One Science Exam: Earth Science or Living Environment (Biology) or Chemistry or Physics		Two Science Exams: 1. Living Environment; 2. Earth Science <u>or</u> Chemistry <u>or</u> Physics	
World Language Checkpoint A Exam (Passing Score of 65 or higher)		World Language Checkpoint A Exam (Passing Score of 65 or higher)		World Language Checkpoint B Exam (Passing Score of 65 or higher)	

Additional Notes:

- #1.** Students are required to complete **1 credit** of a World Language in High School or to have passed a locally developed Checkpoint A exam (65 or above) and the Checkpoint A class. *Students with a disability may be excused from the requirement for 1 unit of credit in LOTE if so indicated on the IEP but must still earn 22 units of credit to graduate.*
- #2.** Students are required to complete **3 credits** of a World Language to qualify for the **Advanced Designation Diploma** and pass a Checkpoint B locally developed exam given at the end of grade 10 or end of Checkpoint B. Students may substitute five credits of Art, Music or Business or Occupational Education. However, students who use this substitution option must still earn at least **1 World Language credit**.
- #3.** All students must take Physical Education each semester and earn the equivalent of **2 credits** in order to graduate.

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.

<http://www.nysed.gov/common/nysed/files/programs/curriculum-instruction/currentdiplomarequirements2.pdf>

<http://www.p12.nysed.gov/ciai/multiple-pathways/>

<http://www.nysed.gov/common/nysed/files/programs/curriculum-instruction/diploma-and-credentials-summary-requirements.pdf>

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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 ($\frac{1}{2}$ 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
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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. 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
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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)

Year - every other day	1 credit	Grade 12
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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
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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
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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 and Design & Drawing for Production I 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
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This course satisfies the NYSED art/music graduation requirement and is the foundation prerequisite course for a major sequence in art. 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.

Prerequisite: None

Creative Crafts 7051

1 year	1 credit	Grades: 9, 10, 11, 12
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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 7053

1 year	1 credit	Grades: 9, 10, 11, 12
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This digital 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, movie trailers 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
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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 drawing plans and translate their plans into a 3-D format. Students will have the opportunity to use materials such as modeling clay, foam board, balsa wood, and wire to complete their projects. This course will allow students to draw, build, and sculpt their creative ideas as it relates to the project guidelines. This is the introductory level course for the Architectural Design and Design and Drawing for Production 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, 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: 9, 10, 11, 12
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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 3-D models based on carefully executed plans. Drawings at this level consist of isometric and orthographic projections, elevations, and perspective. Students will also start to develop a relationship between the arts and engineering. 3-D digital modeling will be introduced at this level as well.

Prerequisite: Design and Drawing for Production I

Design and Drawing for Production III 7020

1 year	1 credit	Grades: 9, 10, 11, 12
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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: 9, 10, 11, 12
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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
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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 or Studio in Art), or concurrent participation in a curricular music ensemble is required, with Studio in Art as the preferred departmental choice.

Drawing and Painting II 7056

1 year	1 credit	Grades 10, 11, 12
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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 into 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.

Prerequisite: Drawing and Painting I

Drawing and Painting III 7057

1 year	1 credit	Grades: 11, 12
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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.

Prerequisite: Drawing & Painting II

Drawing and Painting IV 7058

1 year	1 credit	Grade: 12
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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
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This course emphasizes the originality and inventiveness in solving the practical problems that is 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. Course work 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 or Studio in Art), or concurrent participation in a curricular music ensemble, is required.

Design and Illustration II 7066

1 year	1 credit	Grades: 10, 11, 12
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In this class, students will further understandings 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
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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	Grades: 12
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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
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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 or Studio in Art), or concurrent participation in a curricular music ensemble, is recommended but not required.

Fashion Illustration and Fashion Design II 7041

1 year	1 credit	Grade: 10, 11, 12
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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 upon 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. Portfolio for college application will be stressed.

Prerequisites: Fashion Design & Illustration I

Fashion Illustration and Fashion Design III 7042

1 year	1 credit	Grades: 11, 12
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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
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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
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This course provides an exploration of three-dimensional media and techniques. Students will gain experience working with a variety of material 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 or Studio in Art), or concurrent participation in a curricular music ensemble, is required.

Ceramics & Sculpture II 7015

1 year	1 credit	Grades 10, 11, 12
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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 10, 11, 12
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This course provides students 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 process. 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

Architectural Design I 7025

1 year	1 credit	Grades: 9, 10, 11, 12
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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 multimedia projects. Projects may include a variety of structural designs such as residential building, interior design, set design, as well as abstract architectural design. Students will work with a variety of materials and modeling tools. Drawings at this level will include perspective, floor plans, elevations, site plans, isometric & orthographic projections.

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

Architectural Design II 7026**1 year****1 credit****Grades: 9, 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 be introduced to Iron CAD, a 3-D digital modeling and drawing program. This program will provide students with experience using the latest technology and build career related skills. Drawings at this level include; perspective, floor plans, elevations, site plans, isometric & orthographic projections. Projects may include a variety of structural designs such as commercial building, museum design, extreme site planning & modeling, as well as abstract architectural design.

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****Grades: 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 based on individual concentrations. 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 or Studio in Art), or concurrent participation in a curricular music ensemble, is required, with Studio in Art or Media Arts as the preferred departmental choices.

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.

Prerequisite: Photography I

Photography III 7031

1 year	1 credit	Grades: 11, 12
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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. One project 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.

Prerequisite: Photography II

Photography IV 7032

1 year	1 credit	Grade: 12
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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

Film and Video I 7096

1 year	1 credit	Grades 9, 10, 11, 12
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This course is designed to introduce students to aspects of pre-production, production, and post-production, so they can organize and create films. Students can expect to develop storyboards, write scripts, direct, film and edit footage. The history of cinema and television along with film reviews will also help students gain a greater appreciation for the art of filmmaking.

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

Film and Video II 7097

1 year	1 credit	Grades 10, 11, 12
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This course is designed to enhance students' understanding of filmmaking. All aspects of pre-production, production, and post-production will be covered in depth, so they can independently organize and create films. Students can expect to develop storyboards, write scripts, direct, film and edit footage. Students will learn about the roles professionals play in the television and film industry.

Prerequisite: Film and Video I

Film and Video III 7098

1 year	1 credit	Grades 11, 12
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This course will allow advanced film students to explore ideas and techniques under the direction of the film teacher. The primary goal will be to produce a sophisticated and diverse repertoire of visual productions. An awareness of and an ability to apply technologies and techniques learned in Film and Video I and II will be expected. Students will refine and enhance skills in planning, scripting, storyboarding, as well as techniques with camera and digital editing. A further emphasis on creativity will also be required.

Prerequisite: Film and Video II

Film and Video IV 7099

1 year	1 credit	Grades 12
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This course is an advanced class designed to be the culminating course in the filmmaking sequence. It is geared toward the college-bound film student interested in creating a portfolio of work for college admission and to begin exploring his/her own personal voice as a filmmaker. Emphasis will be placed on visual storytelling, screenplay development, sound editing and analysis, and advanced editing techniques.

Prerequisite: Film and Video III

Multimedia Design I 7060

1 year	1 credit	Grades 9, 10, 11, 12
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This course will foster students' creative thinking and vision, and advance technological savvy to create a wide range of digital media including: web design, advertising, graphic design, illustration, photo manipulation, digital imaging, film production, 2D and 3D design and animation, graphics, word processing and spreadsheets. Students will develop a broad skill set across a number of platforms including Photoshop, Illustrator, InDesign, Google, Maya, and Excel. Authentic application of problems and projects that students will solve by applying their newly developed skills will prepare them for career readiness. Work will be presented both verbally and visually, in front of peers and shared through Social Media applications.

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

Multimedia Design II 7061

1 year	1 credit	Grades 9, 10, 11, 12
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This course is for students who have completed Multimedia Design 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 and 3-D design. Students will continue development of their digital portfolio in preparation for future endeavors.

Prerequisite: Multimedia Design I

Multimedia Design III 7062

1 year	1 credit	Grades 9, 10, 11, 12
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This course will allow advanced Multimedia Design students to explore ideas and techniques under the direction of the Multimedia Design 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 Multimedia Design 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:** Multimedia Design II

ArTech 3D CAD Lab 7071

1 year	1 credit	Grades 9, 10, 11, 12
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Students in this course will immerse themselves in 3D digital design and develop a body of computer generated 3D artwork using Iron CAD, an industry standard computer program for 3D modeling. Students will have a working knowledge of Tinker CAD, Easel and other web based programs, to aide in the process of 3D printing in the HHH Makerspace. Project examples include, but are not limited to: product design, signage, glassware, roller coaster simulation, animation/moveable mechanisms for figurines/robots & other mobile devices. Students will also explore the Adobe Suite and organize their artwork using Microsoft Excel, Google Docs/Slides, Prezi and/or other dynamic presentation tools. The final digital portfolio will be set up as a tool for students to use in self marketing.

Prerequisite: Media Arts, Design & Drawing for Production I, Studio Art, Creative Crafts, or participation in a curricular music ensemble.

Game Design 7070

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

Portfolio Development for the 21st Century 7072

½ year	½ credit	Grades 9, 10, 11, 12
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This course will provide techniques and methods to create a digital and hardcover portfolio to arrange and display the artwork students have created up to this point, and learn how to add and organize more artwork at any time in the future. Students will complete an artist statement, develop an interactive website, create marketing tools, including a logo and business card. Students will build a list of industry contacts, and gain experience exhibiting artwork. This course will include live interviews and critiques, well structured oral presentations, enable students to speak and reflect upon their artwork and provide college and career readiness. Various resources will be utilized to research and gather information related to global and current events, trends and cultures as they relate to their own artwork and the artwork of others. Students will explore the Adobe creative suite and other leading industry software to foster personal and professional growth in their future artistic endeavors. Guest lectures, visits to arts organizations, art galleries, area colleges, private and commercial studios, will expose the students to a variety of arts organizations and career possibilities.

Prerequisite: Any one of the foundation courses (Creative Crafts, Design and Drawing for Production, Media Arts, Studio in Art).

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
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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
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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 or Fashion Illustration and Design.

Advanced Placement 3-D Art and Design 7035

1 year	1 credit	Grades 11, 12
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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
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A.P. 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.

Prerequisite: Any one (1) "Foundation Course" listed above and departmental recommendation required

Half Hollow Hills Visual Arts Conservatory



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 anyone (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, Photo Journalism, 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 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, Photo Journalism, 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



Visual and Media Arts

K-5 Art – 40 minutes per week
 Art 6 – 10 weeks per year
 Art 7 – 20 weeks per year

ART 8
 40 weeks

STUDIO IN
ART



Comprehensive Foundation Courses 9-12

Creative Crafts

Design and Drawing for
Production I

Media Arts

Studio in Art

Advanced Art and Design Electives

Ceramics and
 Sculpture I, II, III



AP Art 3-D

Design and Drawing
 for Production
 II, III, IV

Architectural Design
 I, II, III, IV

arTech 3D CAD Lab

Photography
 I, II, III, IV

AP Art 2-D
 Photo

Multimedia
 Design
 I, II, III

Film & Video
 I, II, III, IV

Game Design

Drawing and Painting
 I, II, III, IV

Design and Illustration
 I, II, III, IV

Fashion Illustration
 and Design
 I, II, III, IV

AP Art
 2-D

AP Art
 Drawing

AP Art History

Portfolio Design for
 the 21st Century

Special Note: Flow chart depicts the suggested electives for each foundation course. However, students may choose any elective from the flow chart above once they satisfy their NYS requirement.

Graduation Requirements: One unit of art or music is required for graduation. ONLY the “Comprehensive Foundation Courses” fulfill this NYSED requirement for art. Elective courses DO NOT.

FIVE UNIT SEQUENCES FOR REGENT 5 CREDIT

Fine Arts Major

1 credit – Studio in Art
 1 credit – Musical Knowledge
 3 credits – Music, Visual Arts, Media Arts,
 Humanities, Theatre or Dance

Visual Arts Major

1 credit – one of the five foundation courses
 4 credits – from the Visual Arts flow chart

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*

- o *3 Business credits*
- o *Overall average: 85%*
- o *Active membership for a minimum of one full year in one business club – DECA, FBLA, Business Honor Society*

➤ *Executive Designation*

- o *4 Business credits*
- o *Overall average: 90%*
- o *Active membership for a minimum of one full year in two business clubs – DECA, FBLA, Business Honor Society*
- o *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.*

Accounting I 6014

1 year	1 credit	Grades: 9, 10, 11, 12
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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
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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 Computer Applications 6020

½ year	½ credit	Grades: 9, 10, 11, 12
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In the technology heavy environment of Corporate America it is imperative to have a strong foundation in the software applications used in all small and large businesses. This course will empower students to take charge of learning fundamental concepts, terms and functions of Word Processing, Spreadsheets and Presentation software, with an emphasis on Google Docs. This course will include many authentic application problems and projects that students will solve by applying their newly learned skills.

*Recommended to take before taking any other Business Class

Business Law I 6023

1 year	1 credit	Grades: 9, 10, 11, 12
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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 aspect 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
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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
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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 * New course for 2020-2021

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

Online Business & Social Media 6035

½ year	½ credit	Grades: 9, 10, 11, 12
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This course offers an overview of how marketing has changed due to the rise of social media. It will equip students with the relevant knowledge, perspectives, and practical skills required to develop effective marketing strategies. Many of the social media applications used by teens today will be discussed, including Twitter, Facebook, Instagram, YouTube and other relevant applications.

Senior Experience 6080

1 year comb with English 12 and Government (2 credits)	Grade: 12
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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
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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 6016

1 year	* 1 HS credit	** Grades: 10, 11, 12
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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 college credits can be earned through Farmingdale University upon completion of this course.*

***Prerequisite: Accounting I. 10th graders only upon recommendation of Guidance Counselor.*

College Business Law 6024

1 year	* 1 HS credit	** Grades: 10, 11, 12
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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 college credits can be earned through Farmingdale University upon completion of this course.*

***Prerequisite: Business Law I. 10th graders only upon recommendation of Guidance Counselor.*

College Marketing Principles 6021

1 year	* 1 HS credit	** Grades: 10, 11, 12
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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 incorporates key DECA course materials.

**Three college credits can be earned through Farmingdale University upon completion of this course.*

***Prerequisite: Business Ownership and Marketing, Sports Marketing, Advertising or Fashion. 10th graders only upon recommendation of Guidance Counselor.*

College Digital Generation: Creating a Professional Web Presence through Social Media 6045

½ year

* 1/2 HS credit

Grades: 9, 10, 11, 12

Creating a positive digital profile can be a challenging task for the 21st century student. In this course, learn how to utilize the power of the Internet and social media to enhance your web presence and digital profile. We will explore a number of topics including building a strong web presence, leveraging social media, creating and uploading video content, blended and distance learning as well as mobile devices as a learning tool. For the culminating activity students across districts will be required to produce digital content that can be used to educate our younger students and all stakeholders in the educational community.

**Three college credits can be earned through Stony Brook University upon completion of this course.*

College Sports Management 6042 * New course for 2020-2021

1 year

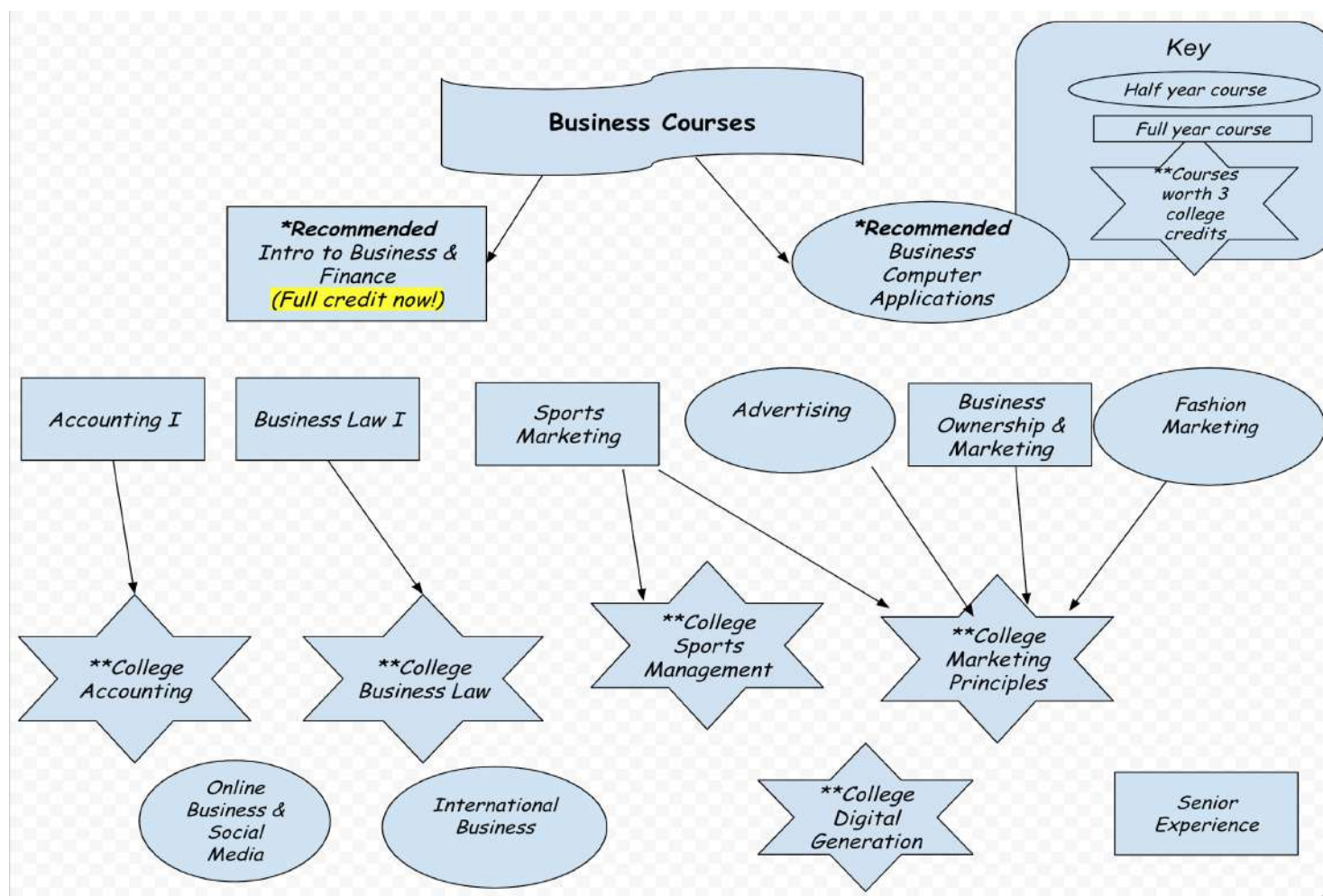
* 1 HS credit

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

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



English Language Arts

English Regents 9 1020

1 year	1 credit	Grade 9
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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 expected 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
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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
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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 expected 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
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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.

AP Seminar (English 10) 1008**1 year****1 credit****Grade 10**

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.

ELA/ENL 9/10 1200**1 year****1 credit****Grades 10, 11**

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.

English Regents 11 1022**1 year****1 credit****Grade 11**

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 expected 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
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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
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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: [*Between the World and Me*](#), [*The Brief and Wondrous Life of Oscar Wao*](#), [*Flight*](#), [*Go Set A Watchman*](#), [*Humans of New York: Stories*](#), [*Modern Romance*](#). 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.

Senior Experience 1080

1 year	2 credits	Grade 12
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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.

ELA/ENL 11/12 1203

1 year	1 credit	Grades 11, 12
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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.

College English 1017

1 year	1 credit	Grade 12
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This course 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(CW Post requirement) or departmental recommendation.

AP English Language and Composition 1016

1 year	1 credit	Grades 11, 12
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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 rhetoric course. Students in AP Language will study American prose written from the 16th through 21st centuries. They will analyze content of text and author's purpose in creating text, and how to determine the influence that an author's phrasing, word choice, rhetorical devices, and conventions have on the reader. 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 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 English Literature and Composition 1014

1 year	1 credit	Grades 11, 12
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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 (English) 1009

1 year

1 credit

Grades 11, 12

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

½ year (annual)

½ credit

Grades 9, 10, 11, 12

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.

Creative Writing II 1051

½ year (annual)

½ credit

Grades 9, 10, 11, 12

This course is designed to provide students with a more intense writing experience. Students will be expected to develop richer, longer, and more complex pieces of writing. Literary works completed in the course will be considered for inclusion in the literary magazine and will be entered into a wide variety of writing competitions.

Prerequisite: Creative Writing I

Debate 1061

½ year (annual)

½ credit

Grades 9, 10, 11, 12

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 Criticism I 1066

½ year (annual)	½ credit	Grades 10, 11, 12
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*Not recommended for grade 9 students.

There's more to critiquing a film than simply pointing your thumb up or down. In this class you will study various aspects of cinema and learn how to be an effective critic. Learn the art of film by examining cinematic history and the elements of filmmaking. By reading the works of professional and non-professional critics, you will see how a critic's use of language can either enlighten or muddle the mind of the moviegoer. In class, you will view films from a variety of genres. Using specific critical techniques and knowledge of film, you will participate in both written and verbal criticism of the movies you watch.

Note: Film Criticism I is NOT a prerequisite for Film Criticism II. You may take one or both classes in either order you choose.

Film Criticism II 1067

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

Note: Film Criticism I is NOT a prerequisite for Film Criticism II. You may take one or both classes in either order you choose.

Hip Hop Literature and Culture 1076

½ year (annual)	½ credit	Grades 9, 10, 11, 12
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This exciting course, which has drawn visitors from districts across New York State, explores the roots, perceptions, and role of Hip Hop in history, society, and media. In this class, we will explore Hip Hop as a literary form that expresses the frustrations, experiences, and ideas of artists. Students will identify themes, literary techniques, patterns, and issues in the works of rappers, emcees, and lyricists. They will also study visual and written texts about Hip Hop, and discuss the controversies and debates that surround and complicate the culture. Students will be responsible for constructing and presenting written, verbal, and digital responses to the study of Hip Hop Literature. If interested, students may participate in the Hip Hop Youth Research and Activism Conference at Rutgers University.

21st Century Journalism: News Literacy and Media Production I 1041, II 1042

½ year (annual)

½ credit

Grades 9, 10, 11, 12

Update your Snapchat story hourly? Listen to podcasts? Follow the news through tweets? Watch YouTube for news? Obsessed with Reddit? Students enrolled in 21st Century 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. It will foster student appreciation of the power and responsibility of reliable information. Students will be able to follow their individual interests in this class while gaining essential skills and knowledge, including the ability to interview and network with the HHH community. Students will produce podcasts, video broadcasts, social media posts; clear, concise, and informative writing will also be produced in this class. This is an excellent course for those students tentatively interested in a communications major in college or for students interested in improving their analytical skills. It is also the perfect course for those interested in publishing and sharing their thoughts and interests with the larger HHH community. 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, glean 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.

Public Speaking 1058

½ year (annual)

½ credit

Grades 9, 10, 11, 12

Students will learn the basics of a well-structured and well-presented speech, with a focus on non-verbal elements, i.e., poise, eye-contact, gestures, as well as the verbal, i.e., attention-getting introduction, strongly supported body, and memorable conclusion. Students will also gather and use support materials such as statistics, visual aids, and quotations. Students will present three informative speeches that allow them to practice the fundamental elements of a strong oral presentation.

Podcasting and Public Speaking 1062

½ year (annual)	½ credit	Grades 9, 10, 11, 12
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In this class, you will have the opportunity to enhance your public speaking skills by creating short digital audio productions known as podcasts. This media format will enable you to develop strong speaking techniques, as well as self-realization of the power of your voice, in a much less stressful environment. In addition to a focus on speaking technique and presentation skills, there will be time spent learning and utilizing audio recording and editing equipment. These newfound skills will be applied to the creation of short informative and narrative audio podcasts. By creating audio presentations similar to those produced by professionals, you will begin to develop your own voice, as well as a more sophisticated ability to evaluate and navigate the digital content that is ever-present in your life.

Podcasting II 1063

½ year (annual)	½ credit	Grades 9, 10, 11, 12
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Podcasting is an incredibly powerful form of communication that is used by business professionals, educators, entertainers, and students to share ideas and knowledge. In this class, you will further develop those skills developed in *Podcasting and Public Speaking (Podcasting I)* and apply them to a variety of projects: both self-directed and assigned. You will collaborate with peers to construct exciting audio creations that will be shared with the school via the school's podcast and entered into national podcasting competitions.

Prerequisite: Podcasting and Public Speaking (Podcasting I)

Podcasting III 1064

½ year (annual)	½ credit	Grades 10, 11, 12
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With a year of experience having taken *Podcasting I* and *II*, you will now be able to demonstrate and apply sophisticated editing and speaking techniques in your podcasts. In this class, you will conceptualize and create a variety of new audio presentations. These include: a topical show based on your interests, informative audio documentaries, and public service podcasts to help local charities and non-profit organizations. As in previous classes, you will continue to contribute to the school podcast, as well as enter your work in a variety of podcasting competitions.

Prerequisite: Podcasting II

Podcasting IV 1065

½ year (annual)	½ credit	Grades 10, 11, 12
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This class builds upon the work that you completed in *Podcasting III* and allows you to further develop and refine those projects. As you become an expert in podcasting, you will be expected to assume a variety of leadership roles and take on complex responsibilities as each of your projects develop. At times, you will manage a team of students to develop large scale podcasts. You will also consult with podcasting professionals in order to better understand the practical applications of podcasting and to help develop your own work. You will continue to contribute to the school podcast, as well as enter your work in a variety of podcasting competitions. **Prerequisite:** Podcasting III

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.

Search for Identity 1027**½ year (annual)****½ credit****Grades 9, 10, 11, 12**

"Become aware of what is in you. Announce it, pronounce it, produce it, and give birth to it." --Meister Eckhart
Stories connect us, inform us, and define us.

In this class, students will explore philosophical, psychological, and sociological perspectives through **literature** and **multimedia** in order to better their understanding of who they are and what they believe. They will read critically, analyzing for purpose and rhetoric, in order to learn how authors express ideas clearly and creatively through different methods of storytelling. The focus in the first semester is the immersion into the perspectives, texts, and multimedia, critique, and a collection of each student's drafts and ideas. The focus of the second semester is to utilize what was learned and generated in the first semester in order to create and publish one's own **digital storytelling mini-masterpieces**. This class promotes 21st Century skills of visual, global, and digital literacy. Students will utilize various features of their Naviance profile such as "Do What You Are" and "Road Trip Nation" as devices for self-reflection, self-exploration, and personal growth.

The 7 Habits of Highly Effective Teenagers 1033**½ year: (annual)****½ credit****Grades 9, 10, 11, 12**

The life of a teenager in this day and age is more challenging than ever. Sean Covey's book, *The 7 Habits of Highly Effective Teenagers* was written to guide students in all aspects of their lives. In this course students will be taught the 7 habits and how to apply them. It provides proven tools and strategies that will ensure success in high school and beyond. Students will improve their reading, writing and speaking skills through activities that promote self-awareness and self-growth. This course is an invitation to all students to realize their potential by utilizing these 7 habits.

Theater Arts and Production I 1046, Theater Arts and Production II 1047**½ year (annual)****½ credit****Grades 9, 10, 11, 12**

Theater Arts I is an introduction to the basics of theater in terms of acting and performance. Method acting, scene study, and directing are some of the topics covered. There will be opportunities for experimentation with pantomime and improvisation. Students will learn characterization through scene study, and direction through production work. Theater Arts II will continue this work but with a more prominent focus on improvisational skills. Projects will involve class members in both group and individual settings. Both courses culminate in a series of one-act student produced and performed productions.

You Pick Lit: Modern Stories From Around the World 1081**½ year (annual)****½ credit****Grades 9, 10, 11, 12**

Would you like to have some say in the books you read? The goal of this course is to give students a voice in choosing the books we read in class. We will review different modern stories from across the continents and vote on the books you most want to read. Some titles we may consider are *Persepolis I: The Story of a Childhood* (Iran); *Before We Were Free* (Dominican Republic); *Like Water For Chocolate* (Mexico); *The Whale Rider* (New Zealand); *Revolution 2020: Love, Corruption, Ambition* (India); and *This Burns My Heart* (South Korea). We will also review multicultural films such as *Eat Drink Man Woman* (China); *Soul Food* (United States); and *Run Lola Run* (Germany) among others. Students are encouraged to bring suggested titles to class on the first day in order to ensure there is time to order copies for the full class if their title is chosen.

English Language Arts Department

REGENTS LEVEL

ENGLISH 9

ENGLISH 10

ENGLISH 11

**ISSUES IN
LITERATURE
AND COMP**

**SENIOR
EXPERIENCE
(APPLICATION)**

HONORS LEVEL

**ENGLISH 9
HONORS**

**ENGLISH 10
HONORS**

**ENGLISH 11
HONORS**

**COLLEGE
ENGLISH
(CW POST)
School or College
Credit**

ADVANCED PLACEMENT

**ENGLISH 10 AP
SEMINAR***

**This course is a prerequisite for AP
Research.**

**AP
LANGUAGE
& COMP***

**AP
RESEARCH***

**AP
LITERATURE
& COMP***

***The College Board Advanced Placement
Examination will be taken upon the
completion of each of these courses.**

HIGH SCHOOL ELECTIVES

ANNUAL HALF-YEAR COURSES (.5 Credit)

Creative Writing I and II
Debate
Film Criticism I and II
Hip Hop Literature and Culture
Journalism I and II
Mythology and the Hero's Journey
Public Speaking
Podcasting I-IV
Search for Identity
Theater Arts and Production I and II
The 7 Habits of Highly Effective Teenagers
You Pick Lit: Modern Stories A/T World

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

SAT/ACT Prep
Reading and Writing Strategies I and II

Family and Consumer Science Electives

Food and Nutrition Cluster:

Introduction to Culinary Arts 8013

½ year	½ credit	Grades 9, 10, 11, 12
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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
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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.

Adolescent Psychology 8022

½ year	½ credit	Grades 9, 10, 11, 12
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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 Course

Health Education 9203

½ year	½ credit	Grades 10, 11, 12
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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:

Peer Educators Course 9218

½ year	½ credit	Grades 9, 10, 11, 12
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The peer educators course trains students in communication and leadership skills. The peer educators will present a community education event discussing current topics that high school students are facing. They will have the opportunity to be a peer mentor and will travel to the middle schools to teach the New York State mandated HIV/AIDS lesson to the seventh grade students.

Sports Medicine 9206

½ year	½ credit	Grades 11, 12
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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
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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. Mostly importantly, the course will discuss prevention strategies, refusal skills and responsible decision making in regards to any type of drug or it usage.

Personal and Public Safety 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.

Mathematics Department

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
<ul style="list-style-type: none">• AP Statistics	<ul style="list-style-type: none">• PLTW College Introduction to Engineering Design• PLTW College Principles in Engineering Design	<ul style="list-style-type: none">• 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.

Regents Algebra 1 3020

1 year	1 credit	Grade 9
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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.

Regents Algebra 1 with Lab 3030/3031

1 year	1 credit	Grade 9
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This course follows the same curriculum as Regents Algebra 1. Additional time is provided to allow students to understand concepts through hands-on activities. This course meets for 7 ½ class periods per week and culminates with the N. Y. State Algebra 1 Regents. Passing the Algebra 1 Regents is a state requirement for a highschool diploma.

Prerequisite: Successful completion of Math 8

Honors Geometry 3011

1 year	1 credit	Grades 9, 10
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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 85% in Honors Algebra 1

Regents Geometry 3021

1 year	1 credit	Grades 9, 10, 11
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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
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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 for 7 ½ class periods per 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**

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**

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. The College Board SAT II Subject Test in Math Level I, may be taken upon completion of 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**

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. The College Board SAT II Subject Test in Math Level I, may be taken at the completion of this course. 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**

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. This course meets for 7 ½ class 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**

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
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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. The College Board SAT II Subject Test in Math Level II, may be taken upon completion of this course.

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

Pre-Calculus 3024

1 year	1 credit	grades 11, 12
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This course integrates pre-calculus topics from advanced algebra, analytic geometry, and trigonometry, and then presents an introduction to calculus. The College Board SAT II Subject Test in Math Level II, may be taken upon completion of this course.

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
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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
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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
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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 for 7 ½ class 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
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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.

Honors College Calculus**3019**

1 year	1 credit	Grade 12
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This course discusses the derivative of algebraic and trigonometric functions with applications to rates, maximization and graphing and integration and the fundamental theorem. It is the combination of the L.I.U. courses Calculus and Analytic Geometry I and Calculus and Analytic Geometry II. It carries optional dual credit: 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.

Prerequisite: Successful completion of Pre-Calculus or departmental recommendation. L.I.U. application, registration procedures, and tuition required for students selecting to receive college credit.

Honors Pre-Calculus/College Calculus**3052**

1 year	1 credit	Grades 11, 12
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This course is designed for students who demonstrated excellence in Algebra 2 and wish to take Calculus. First we develop the 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. This is the combination of the L.I.U. courses Pre-Calculus and Calculus and Analytic Geometry I. This course meets for 7 ½ class periods per week. It carries optional dual credit: 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.

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
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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.

This course fulfills one component of the HHH Computer Applications requirement for graduation with an Independent Study (beginning with the Class of 2020).

Corequisites: 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

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

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 2. 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**

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 computer science 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

Explorations in Computer Science**3047****½ year****½ credit****Grades 9, 10, 11, 12**

This introductory level course is designed to develop computational thinking and problem solving skills. Students will learn how to program a **Lego EV3 Robot** to perform different tasks by utilizing a “drag and drop” programming software, while not spending much time building the robot itself. 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 project-oriented and 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 computer science course of study. Major topics involve the study of data and data structures and the algorithms to process these structures; of problem-solving and design methodologies; of computer-related topics such as numerical analysis, operations research, and artificial intelligence; and of language design, structure, and translation technique. Explorations in Computer Science provides a foundation of knowledge for students with career objectives in a wide range of computing and computer-related professions.

Prerequisite: None

Java 1 3041

½ year	½ credit	Grades 9, 10, 11, 12
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This course places an emphasis on program design and the utilization of Java. Programming concepts will be applied to real world situations and gaming will be introduced. Successful completion of this course will prepare the students for future Computer Science courses.

Prerequisite: Some previous computer science experience or departmental recommendation

Java 2: Gaming 3042

½ year	½ credit	grades 10, 11, 12
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This course is an extension of Java 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 Java 1 or departmental recommendation

Cybersecurity 3048

½ year	½ credit	grades 10, 11, 12
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Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

This course fulfills one component of the HHH Media Literacy/Current Events requirement for graduation with an Independent Study (beginning with the Class of 2020).

Prerequisite: Successful completion of at least one other Computer Science course or departmental recommendation.

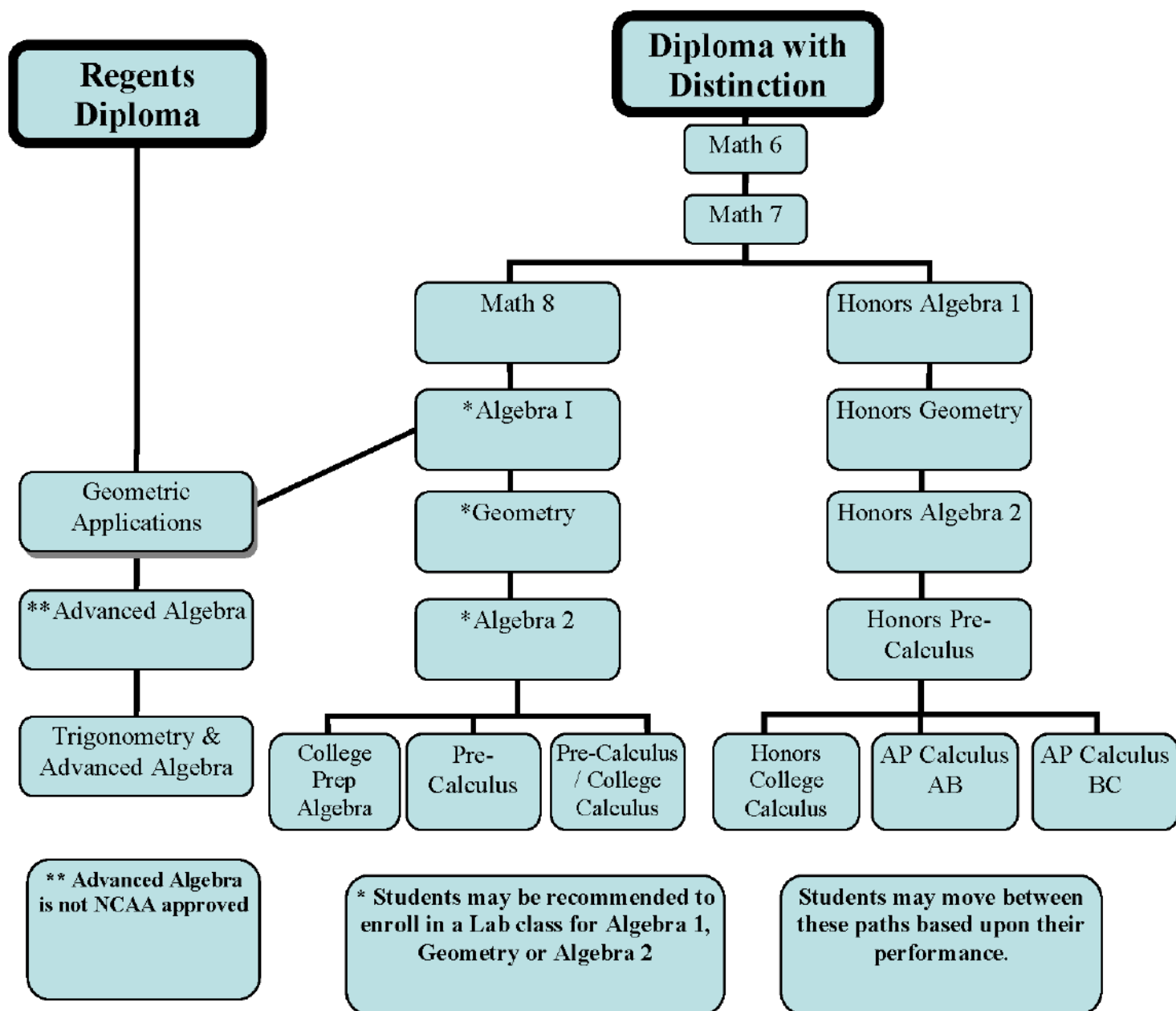
AP Computer Science A 3044

1 year	1 credit	grades 10, 11, 12
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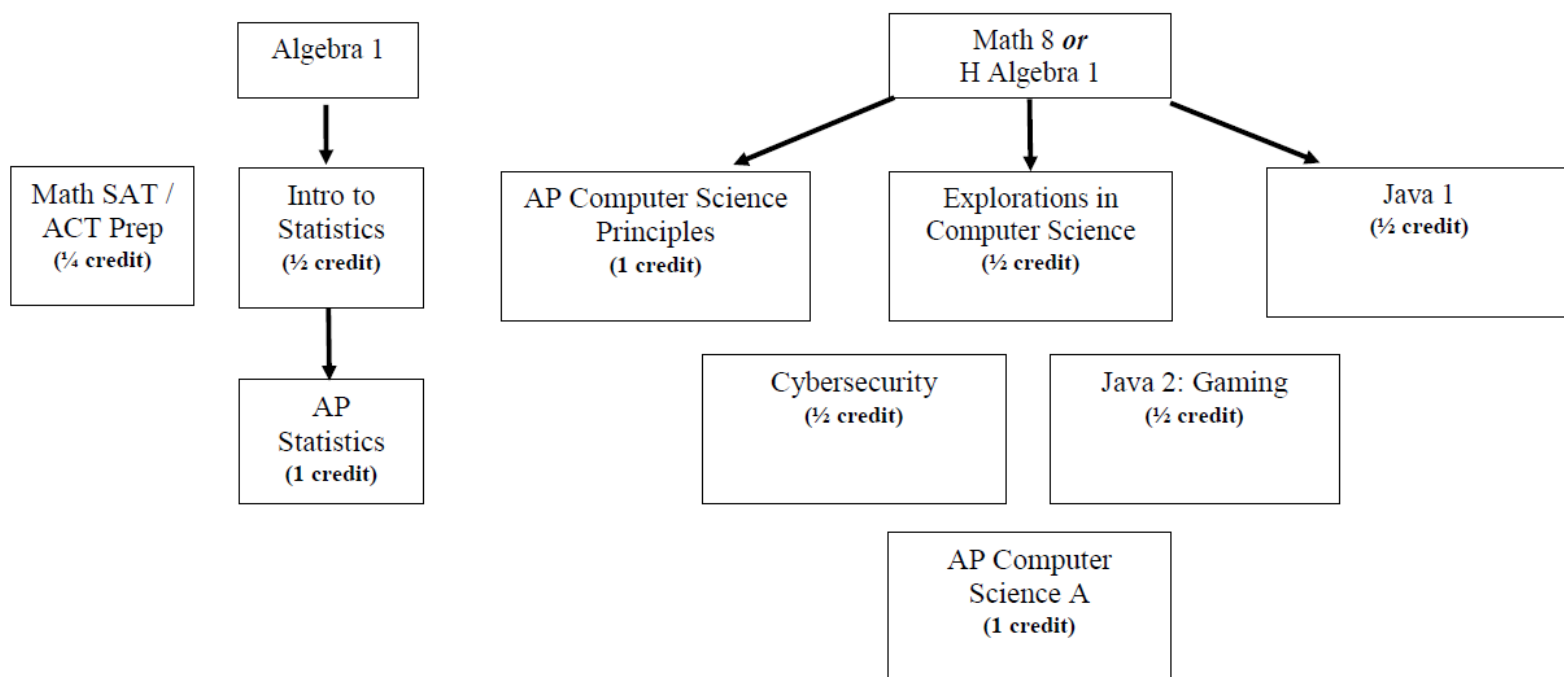
In brief Computer Science A consists of a study of: 1)Program specification design, coding, documentation, and those aspects of program correctness that do not include proofs of correctness. 2)Procedures and functions, parameter passing and recursion. 3)Features of highly structured programming languages (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 Java 1, AP Computer Science Principles or departmental recommendation

Mathematics 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.

Music

Concert Choir 9101

1 year	1 credit	Grades 9-12
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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 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.**

Prerequisite: Departmental recommendation.

Treble Choir 9102

1 year	1 credit	Grades 9, 10
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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.**

Prerequisite: Departmental recommendation.

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 concert band and symphonic band. During the football season and for all required marching performances, all band students participate as a member of the marching 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, graduation, 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. Students are also encouraged to attend a three-night marching band rehearsal at the beginning of the school year. **This course fulfills the NYSED arts credit required for graduation.**

Prerequisite: Departmental recommendation

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 string orchestra and symphony orchestra. (The HS East 10th grade 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 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 Major Organizations Festival and/or equivalent competition is required for credit. **This course fulfills the NYSED arts credit required for graduation.**

Prerequisite: Departmental recommendation.

Guitar Ensemble 9128

1 year	1 credit	Grades 9, 10, 11, 12
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Students enrolled in this course will meet as an ensemble to work collaboratively to play and arrange songs students choose. This course provides students opportunities to perform in school concerts as well as in the community, which will help prepare them for success in the future as performers. Students work collaboratively to decide what music they would like to perform such as classic Rock hits or pop music. Enjoy the camaraderie of other guitarists in this workshop-style class to make music in a fun, relaxed setting. This course fulfills the NYSED arts credit required for graduation. Prerequisite: Guitar fundamentals I and II or evidence of guitar proficiency including knowing all the basic chords of the CAGED system.

Prerequisite: Guitar fundamentals I and II or evidence of basic guitar proficiency.

Music Theory I 9105

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

Music Theory II 9106

1 year	1 credit	Grades 10, 11, 12
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Music Theory II provides an advanced study of music literature and theoretical practices, including ear training and sight reading. This course is designed for the more serious-minded student looking to pursue a career in music.

Prerequisite: Music Theory I and continued membership of a performance ensemble

AP Music Theory 9115

1 year	1 credit	Grades:	10, 11, 12
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This course will be introducing and developing 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 efforts of earning a score of 3 – 5, which will yield credit towards music theory college courses

Prerequisite: Music Theory I or II and teacher recommendation

Music In Our Lives 9108

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

Prerequisite: An interest in and/or appreciation of music!

Music Recording and Production Technology 9112

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

Performing Arts for Social Justice 9129

½ year	½ credit	Grades: 9, 10, 11, 12
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In this half-year course, students will have the opportunity to explore current events and social justice causes to create original works in the performing arts. Working alone and in small groups in a project-based environment, students will explore “devised theatre” through improvisation and performance of their original works-in-progress. The media may include 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 level. The course will culminate with a final performance for a live audience.

Musical Theatre 9125

½ year	½ credit	Grades: 9, 10, 11, 12
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Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class presentation and critique. There will also be a focus on musical theatre history and repertoire. Finally, the class will participate in a culminating showcase performance at the end of the year.

Guitar Fundamentals I 9126

½ year	½ credit	Grades: 9, 10, 11, 12
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Guitar Fundamentals I is a one-semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn open chords, moveable chords, single note (melody) playing, accompaniment techniques, and a variety of playing techniques and styles, including both pick style and fingerstyle approaches to the guitar. This course also includes theory, songs, performances, listening, improvising, and learning to read standard music notation. Music styles and historical connections will also be covered.

Guitar Fundamentals II 9127

½ year	½ credit	Grades: 9, 10, 11, 12
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In Guitar Fundamentals II, students will continue to develop and improve the skills from Guitar Fundamentals I. Students will learn advanced guitar playing techniques and learn how to write and arrange songs on their own. Students will learn to collaborate through music and learn how to perform on guitar as a small ensemble.

Prerequisite: Guitar Fundamentals I or teacher recommendation.

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 in preparing 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 guidance counselor must sign the "Transcript Designation" application form, and the completed form must be submitted to your primary music teacher by February 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
- Overall average: 85% minimum
- Receive a NYSSMA Solo Rating of All-State 6A+ for two years (Guitar/Piano students included)
- 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
- 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
- Performance of a senior recital. Students seeking the Advanced Distinction will present repertoire to the Music Conservatory committee for approval.

Music Department



MUSIC

K-5 Classroom Music – 40 minutes per week
Grades 4+5 Ensembles – Two rehearsals per week plus weekly lesson rotation



MUSIC
EXPLORATION
6, 7, 8

BAND
6, 7, 8

CHORUS 6
CONCERT CHOIR 7/8
Treble Choir

ORCHESTRA 6
Orchestra 7/8

MUSICAL SKILL DEVELOPMENT AND CONCERT PERFORMANCE 9-12

Treble Choir 9-10
Concert Choir 9-12

Band 9
Concert Band (HSE ONLY) 10-11
Symphonic Band 11-12

String Orchestra 9-10
Concert Orchestra (HSE ONLY) 10-11
Symphony Orchestra 11-12

Guitar
Ensemble
9-12

MUSICAL KNOWLEDGE AND TECHNICAL SKILL 9-12

Music in Our Lives

Music Recording and
Production Technology
I, II, III

Music Theory I, II

AP Music Theory

½ Year Electives

Guitar Fundamentals
I, II

Performing Arts for
Social Justice

Musical Theatre

Music in Our Lives, Guitar Ensemble or a foundation art course satisfies the required one (1) unit High School graduation credit in the arts. Students continuing in band, orchestra or chorus automatically satisfy the graduation credit in the arts.

FIVE (5) UNIT SEQUENCES for Regents Credit

Music Major

3 credits – Skill Development
2 credits – Musical Knowledge

Fine Arts Major

1 credit – Studio in Art
1 credit – Musical Knowledge
3 credits – Music, Visual Arts, Media Arts, Humanities, Theatre or Dance

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, traq; 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

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
<ul style="list-style-type: none"> ● AP Statistics 	<ul style="list-style-type: none"> ● PLTW College Introduction to Engineering Design ● PLTW College Principles in Engineering Design 	<ul style="list-style-type: none"> ● 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.

Living Environment - Foundations of Biology 4068

1 year	1 credit	Grade 9
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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 N.Y.S. Core Curriculum for Living Environment-Biology, while focusing on specific scientific and academic skills required in a Regents program. Specific lessons addressing chart reading, laboratory techniques and other critical components are given special emphasis. These skills, combined with lessons in study skills, are designed to prepare students for the Living Environment Regents examination. The class meets 7½ periods per week and completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: Staff and/or counselor recommendation.

Physical Setting - Earth Science 4020

1 year	1 credit	Grade 9
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In this course, students study the basic processes producing changes in the Earth's crust, atmosphere, oceans and surface by means of performing numerous classroom and laboratory investigations. The principles of chemistry, physics, biology and mathematics are integrated with the introduction of astronomy, meteorology and oceanography through class work, laboratory investigations, visual materials, field work in our planetarium and independent investigations. Classes meet for 7½ periods per week. This course culminates with the Physical Setting Earth Science Regents examination. Completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: Successful completion of 8th grade science

Living Environment - Biology 4022

1 year	1 credit	Grades 10, 11, 12
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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 N.Y.S. Core Curriculum for Living Environment-Biology, while focusing on specific scientific and academic skills required in a Regents program. Specific lessons addressing chart reading, laboratory techniques and other critical components are given special emphasis. These skills, combined with lessons in study skills, are designed to prepare students for the Living Environment Regents examination. The class meets 7½ periods per week and completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: Successful completion of Regents Earth Science.

Living Environment - Biology Honors 4012

1 year	1 credit	grades 9
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This course is more challenging than the basic Regents course and enables students to move as rapidly as her/his ability allows. The course content extends beyond the scope of the NYS Core Curriculum, including topics students may encounter on the **College Board SAT Subject Test in Biology**. Upon successful completion of the curriculum, students may choose to sit for the College Board SAT Subject Test in Biology. This course meets for 7½ periods per week and culminates with the Living Environment Regents examination. Completion of this course meets one part of the N.Y.S. graduation requirement.

Prerequisite: 85% in Honors Earth Science and/or departmental recommendation.

AP Biology 4042

1 year	1 credit	Grades 11, 12
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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 for and encouraged to take the Advanced Placement examination in May.

The course meets 7½ periods per week.

Prerequisite: 85% in Regents Living Environment and Regents Chemistry and/or departmental recommendation.

Physical Setting - Chemistry 4024

1 year	1 credit	Grades 10, 11, 12
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This Regents course provides a basic understanding of the unifying principles of chemistry including quantum mechanics, molecular structure, chemical bonding, periodicity of chemical elements, chemical reactions, and the concept of the mole. While performing a variety of classroom and laboratory activities, students work with scientific notation, direct and indirect relationships and dimensional analysis to investigate the basic properties of matter. The course meets 7½ periods a week and terminates with the Regents examination in Physical Setting Chemistry. Completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: Regents Living Environment and Regents Algebra 1.

Physical Setting - Chemistry Honors 4014

1 year	1 credit	Grades 10, 11
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This course is more challenging than the basic Regents Chemistry course in that it is more mathematically oriented, conceptual, and open-ended. The course content extends beyond the scope of the NYS Core Curriculum, including topics that students could encounter on the **College Board SAT Subject Test in Chemistry**. Upon successful completion of the course, students may wish to sit for the College Board SAT Subject Test in Chemistry. The course meets 7½ periods a week and terminates with the Physical Setting-Chemistry Regents examination. Completion of this course meets part of the NYS graduation requirement.

Prerequisite: 85% in Honors Living Environment, 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
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This course is an exciting and challenging introduction to the field of chemistry as it applies to everyday life, and is not mathematical in 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. Chemistry B requires Chemistry A as a prerequisite.

Prerequisite: Regents Living Environment and/or departmental recommendation.

AP Chemistry 4044

1 year	1 credit	Grades 11, 12
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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 and are expected to take the Advanced Placement examination in May. The course meets 7 ½ periods per week.

Prerequisite: 85% in Honors Living Environment, Honors Chemistry, Honors Algebra 2 and/or departmental recommendation.

Physical Setting - Physics 4026

1 year	1 credit	Grades 11, 12
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This is a challenging physical science course exploring the relationships between matter and energy. The course investigates matter, energy, mechanics, sound, light and electricity through a variety of classroom and laboratory activities. The course meets 7½ periods per week and terminates with the Physical Setting Physics Regents examination. Completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: Regents Chemistry, Regents Algebra 2 and/or departmental recommendation.

Physical Setting - Physics Honors 4016

1 year	1 credit	Grades 11, 12
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This course is more challenging than the Regents Physical Setting-Physics course. In addition, this course will enable students to further develop their skills and techniques in the application of mathematics as the language of physics. Upon successful completion of the course, students may choose to sit for the **College Board SAT Subject Test in Physics**.

The course meets 7 ½ periods per week and terminates with the Physical Setting Physics Regents examination. Completion of this course meets part of the N.Y.S. graduation requirement.

Prerequisite: 85% in Honors Chemistry, 85% in Geometry, and/or departmental recommendation.

Corequisite: Algebra 2 or Pre-Calculus.

AP Physics 1 & 2 4038

1 year	1 credit	Grades 11, 12
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This advanced course is designed to be an algebra-based physics course equivalent to a general physics course 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 that plan to enroll in AP Physics C before graduation are encouraged to enroll. Topics such as Newtonian mechanics, fluid mechanics, thermodynamics, electricity and magnetism, waves and optics, 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: 90% in Honors Chemistry, Honors Algebra 2 and/or department recommendation.

AP Physics C Level 4046

1 year	1 credit	Grades 11, 12
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This very challenging Advanced Placement course is designed to be the equivalent of a general physics course usually taken during the first year of college. 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. The Advancement Placement Physics Course may fulfill the laboratory science requirement and free time for other courses. This calculus based college level course explores mechanics during the first 1/2 year and electricity and magnetism during the next 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 and are expected to take the Advanced Placement Physics level “C” examination 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
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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 1/2 year course meets five periods per week, and concludes with a district wide final examination.

Prerequisite: Physical Setting Chemistry or Practical Chemistry

Living Environment AP Environmental Science (LEAPES) 4048

1 year	1 credit	Grades 9
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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 Living Environment Regents exam in June. Students are encouraged to take the **College Board SAT II Subject Test in Biology-E**. Summer assignments are mandatory.

Prerequisite: Placement by teacher and department recommendation only. To qualify for consideration, students must maintain at least a 95% average in Honors Earth Science and successfully complete all pre-AP assignments.

AP Environmental Science 4028

1 year	1 credit	Grades 11, 12
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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
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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 1/2 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 and are expected to take 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
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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 star, 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. In addition, other current state of the art devices will be utilized to explore astronomical phenomena. The class meets five periods per week for one 1/2 year.

Prerequisite: Regents Earth Science and/or departmental recommendation.

Forensics - Criminalistics Science 4091

½ year	½ credit	Grades 10, 11, 12
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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.

Prerequisite: Two units of high school science including Living Environment Biology.

Genetics 4056

½ year	½ credit	Grades 10, 11, 12
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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 Living Environment and/or departmental recommendation.

Marine Science (A and B) A4075, B4076

½ year	½ credit	Grades 10, 11, 12
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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 and meets 5 periods per week.

Prerequisite: Living Environment, Marine Science B requires Marine Science A.

Anatomy and Physiology 4092

½ year	½ credit	Grades 10, 11, 12
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This course begins with an introduction in 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.

Prerequisite: Living Environment

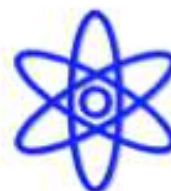
Project Lead the Way: College Principles of Engineering 4065

1 year	1 credit	Grades 10, 11, 12
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Principles of Engineering (POE) is an engineering course that is part of the Project Lead the Way 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.

It 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 PLTW end of course exam with a stanine score of 6.

Prerequisite: Successful completion of PLTW Introduction to Engineering Design and/or concurrently enrolled in Honors Physics or AP Physics.



Science Department

Science 6

Science 7

Honors Earth
Science

Science 8

Living
Environment
AP
Environmental
Science

Honors Living
Environment
(Biology)

Earth Science

Foundations
of Biology

Earth Science

Honors
Chemistry &
AP Biology

Honors
Chemistry

Living
Environment
(Biology)

Chemistry

AP Physics
1&2

Honors
Physics

Chemistry

Physics

AP Physics C
&/or
AP Elective

AP Elective

Physics

AP Physics
1&2

AP Elective

AP Electives

- Living Environment AP Environmental Science (LEAPES)
- AP Biology
- AP Chemistry
- 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

Social Studies

Regents Global History and Geography I 2020

1 year	1 credit	Grade 9
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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: Mastery Social Studies 8

Honors Global History and Geography I 2010

1 year	1 credit	Grade 9
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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 Mastery Level 8 Social Studies and departmental/teacher recommendation.

Regents Global History and Geography II 2021

1 year	1 credit	Grade 10
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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 write descriptive and document-based essays on the enduring issues in world history. Students will take a Regents examination in Global History and Geography 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
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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 a Regents examination in Global History and Geography.

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

AP World History 2009

1 year	1 credit	Grade 10
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This is a college-level course that continues the 9th grade study of world history. Focused on world history from 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 World History examination *and* the Regents examination in Global History 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
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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
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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
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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: Part I: Regents Participation in Government 2024

1/2 year	1/2 credit	Grade	12
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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 Part I and Part II to fulfill graduation requirement.**

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
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Students in this course participate in learning activities to 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 Part I and Part II to fulfill graduation requirement**

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
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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 Part I and Part II 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
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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 Part I and Part II 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
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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
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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.**

Senior Experience 2080

1 year	2 credits	Grade 12
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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.

**The Courses Listed Below Are Electives and Do Not Satisfy
The Twelfth Grade Requirement**

Social Studies Elective courses deepen students' understanding of the important concepts and ideas connected to the course topics. Social Studies electives allow students to explore areas of interest, as well as to explore topics that they are unfamiliar with. Many of the electives include a study of current events/issues and help students to better understand the world around them. Students who choose to take a Social Studies elective will be expected to participate in deliberate discussions and/or to conduct research.

AP European History 2013

1 year	1 credit	Grades 11 & 12
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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.

AP Human Geography 2040

1 year	1 credit	Grades 9 - 12
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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. Several projects will be assigned. 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.**

Current Events I: Media Literacy 2060

1/2 year	1/2 credit	Grades 10 - 12
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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 so that, in turn, they are able to understand the complex messages we receive from television, radio, Internet, newspapers, magazines, books, billboards, video games, music, and all other forms of 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. Students will become more aware of media bias and more media-literate; by the end of the course, they will be equipped with the tools to be smart and active consumers of news and information, recognizing that not all information is created equal.

Current Events II: What's Happening? 2062

1/2 year	1/2 credit	Grades 10 - 12
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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. Because the subject of this class is “contemporary,” topics will vary considerably depending on the current news cycle. 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.

Exploring Teaching 2065

1/2 year	1/2 credit	Grades 9 - 12
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This course introduces students to the fundamental understandings of teaching and learning. Students will explore cognition with attention to learning style theory, critical thinking skills, the multiple intelligences, learning styles and learning disabilities. Students will have the opportunity to analyze themselves as learners. Later in the course, students will examine the basic skills of teaching including basic lesson design, questioning skills, class management strategies and the selection of effective learning materials. Opportunities for visitation to elementary classrooms will be arranged. Students will be required to create actual lessons and conduct them in elementary classrooms. 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.

Ethics 2066

1/2 year	1/2 credit	Grades 10 - 12
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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
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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
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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
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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
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The United States of America is extraordinary because we are the most ethnically diverse democracy in the world. This diversity, however, has contributed to a complex history often overlooked in history books. 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. The course begins with an analysis of The New York Times' "1619 Project" which is an ongoing initiative begun in recognition of the 400th anniversary of the beginning of American slavery and aims to reexamine our country's history by critically examining the consequences of slavery and learning about the contributions of black Americans. 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
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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
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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.

Sociology* 2058

1/2 year	1/2 credit	Grades 9 - 12
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This course helps students develop an understanding of group life and the influences of heredity and environment. It emphasizes the forces of social cooperation versus the forces of social conflict. Areas of study include: culture, crowd behavior, mass media, propaganda, marriage, the family, race, class structure, education and religion.

***These two courses run in alternating years:**

- **Sports in American History and Society will be offered in 2021 - 22**
- **Sociology will will NOT be offered in 2021 - 22**
-

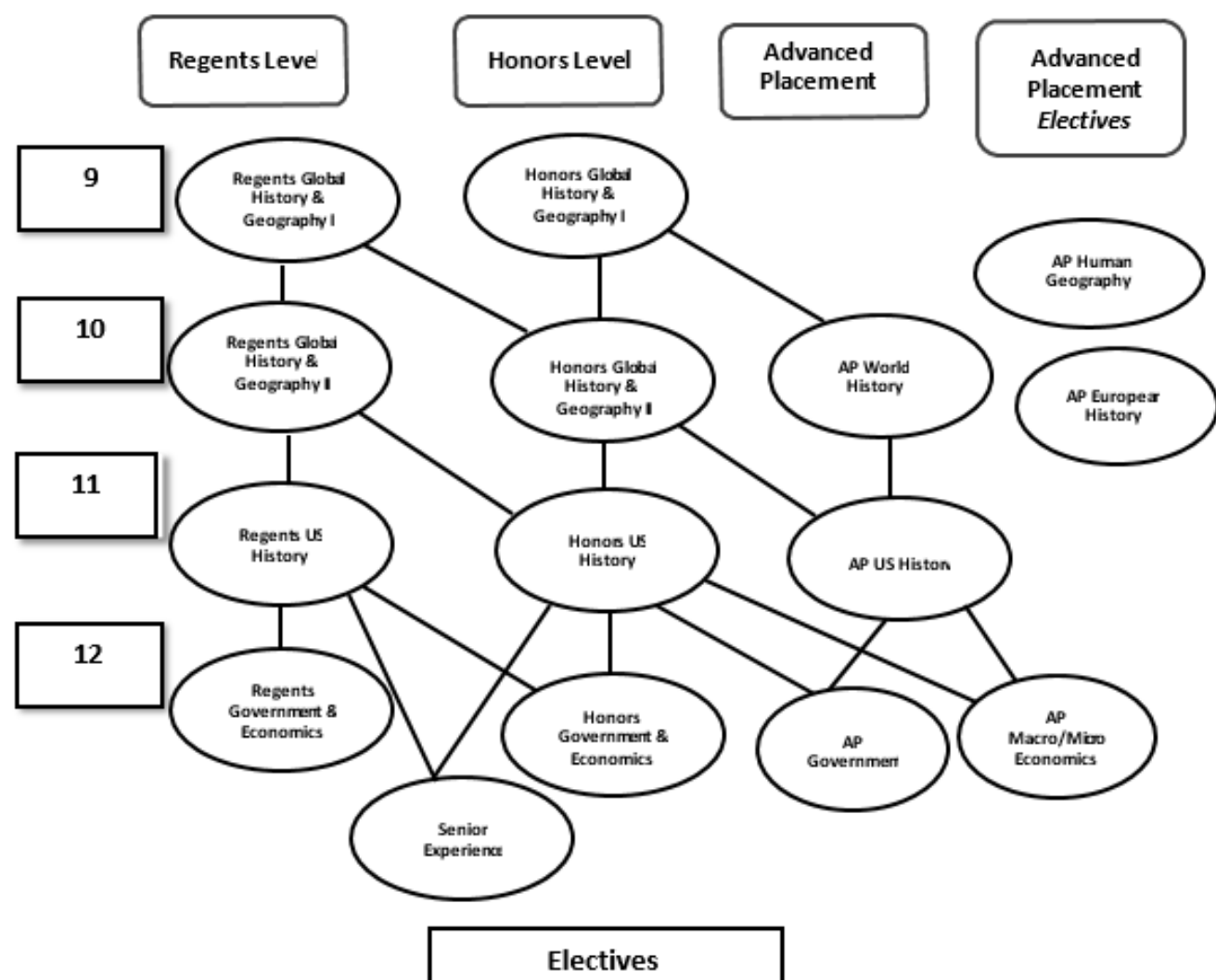
Broadcasting I (Fall) 2070 (Offered at High School East only in 2020 - 21)

Broadcasting II (Spring)

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

Social Studies Department



9, 10, 11, & 12	10, 11, & 12	Advanced Placement
Criminal Justice		AP European History** (11 & 12)
Exploring Teaching		AP Human Geography** (9 – 12)
Psychology	Ethics	***These courses are electives and do not fulfill any social studies requirements for graduation.
Race & Ethnicity in America	Experiences in Law	
Sociology*	Current Events I: Media Literacy	
Sports in America History*	Current Events II: What's Happening?	
Broadcast I and II	Holocaust, Human Rights & Genocide	
* These two courses run in alternating years.		

Technology Department

Project Lead the Way: College Introduction to Engineering Design 4064

1 year	1 credit	Grades 9, 10, 11, 12
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This introductory engineering course is part of the Project Lead the Way 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 (**Autodesk Inventor**) to represent and communicate solutions.

It 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 end of the year exam with a stanine score of 6.

Prerequisites: Successful completion of Algebra 1 and one Regents level science course.

Co-requisite: Geometry

World Languages

Checkpoint A Spanish 5043

1 year	1 credit	Grades: 9, 10, 11, 12
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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
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This course is the continuation of Language 7 and 8 in the middle school. Students must have passed Mastery Language 8 and the locally developed examination 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 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	Grades: 9
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This course is the continuation of Language 7 and 8 in the 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 90 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 90 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.

1 year	1 credit	Grades:10, 11,12
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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	Grades: 10
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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 90 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 90 as a final grade will continue to receive Regents level credits.

French 11 5017

1 year	1 credit	Grades: 11
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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	Grades: 11
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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.

1 year**1 credit****Grades: 11**

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

Mastery Level Mandarin Chinese 5A/5B 5082

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

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.

Grade 11/12 Honors Recognition For Mandarin Chinese: Upon successful completion of the course at the end of grade 11/12, students achieving a 90 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 90 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****Grades:9**

This course is for ninth grade students who maintained a high grade point average in Mastery Language course in the 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 (90%) in Mastery Language and 90% 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	Grades:10
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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 French IV 5013 / Honors Italian IV 5053 / Honors Spanish IV 5033

1 year	1 credit	Grades:11
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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

1 year	1 credit	Grades:12
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These are exciting courses for students who have completed French, Italian or Spanish 11 Culture and Literature. Students will have the opportunity to continue their study of the 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 French, Italian or Spanish 11

AP French 5014 / AP Italian 5054 / AP Spanish 5034

1 year	1 credit	Grades:12
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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.

Prerequisite: Honors Language IV

Intro to American Sign Language 5095

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

Prerequisite: Intro to American Sign Language 5095 or Independent Study American Sign Language 2 or 3

Advanced Spanish Culture 5039

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

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

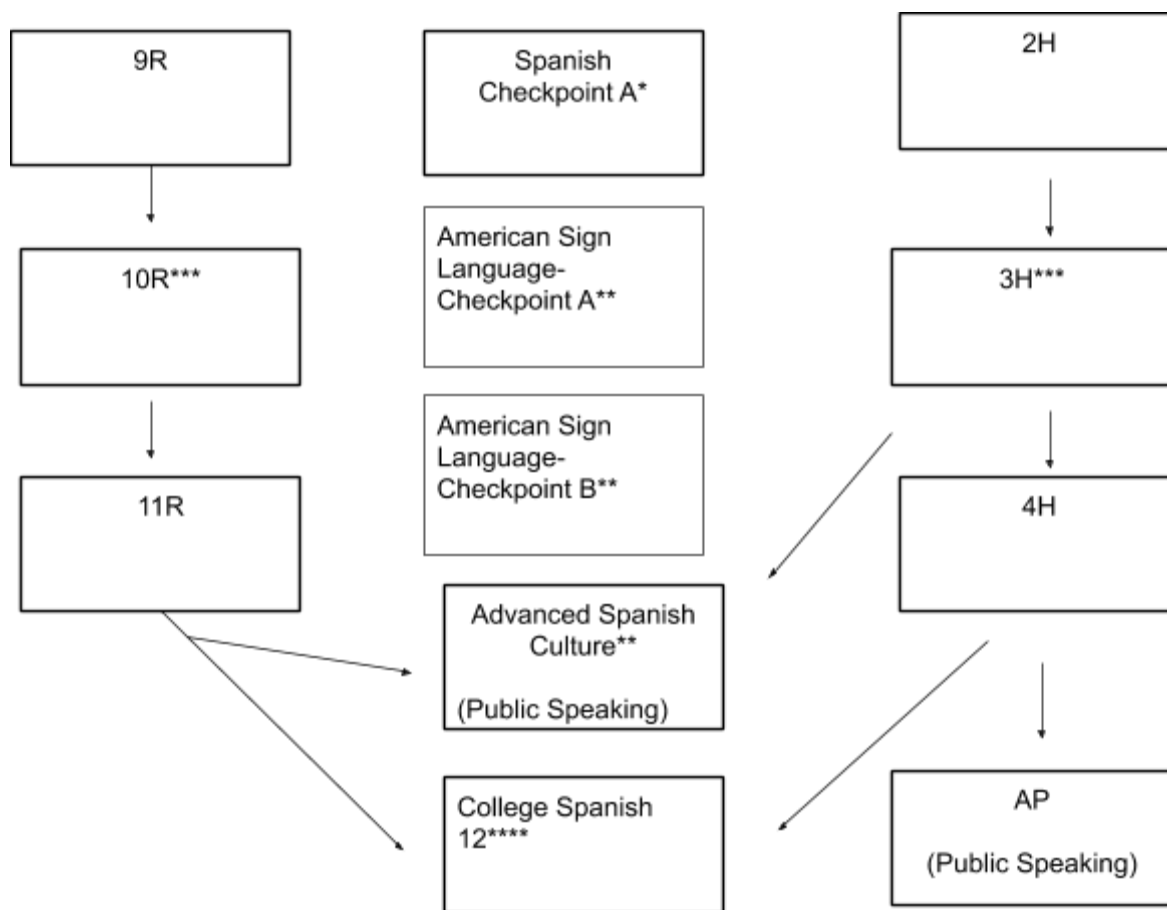
Independent Study:Arabic, Chinese, German, Greek, Hebrew, Japanese, Russian, American Sign Language 5500's

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

World Languages



*** 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**



NCAA Approved Courses:

Listed below are the Half Hollow Hills courses recognized by the NCAA for our Student Athletes seeking to play a Division I, II or III sport at the collegiate level.

Course Name:
H English 9
H English 10
H English 11
AP Literature
AP Language & Comp
H College English
R English 9
R English 10
R English 11
College Writing
Search For Identity
Contemporary Issues in Literature
Journalism I
Creative Writing I
Creative Writing II
Creative Writing III
Creative Writing IV
Public Speaking I **
Public Speaking II **
Shakespeare
Debate
Senior Experience English 12
AP World History
H Global History & Geography I
H Global History & Geography II
US History & Government 11
European History
AP United States History
AP American Politics & Economics
AP Macro/Microeconomics
H Social Studies 12 Economics
H Social Studies 12 Government
R Global History & Geography I
R Global History & Geography II
R US History & Government 11
R Social Studies 12 Government
R Social Studies 12 Economics
AP Human Geography
Psychology
Criminal Justice
Experience In Law
The Holocaust
Sociology
Senior Experience Soc. Studies 12
H Algebra 1
H Geometry

Course Name:
H Algebra 2
H Algebra 2 & Trigonometry
H Math 12/Pre-Calculus
AP Calculus AB
AP Calculus BC
Honors College Calculus
R Integrated Algebra
Regents Algebra 1
Regents Geometry
R Algebra 2 & Trigonometry
Regents Algebra 2
College Prep Algebra
Pre-Calculus
Introduction To Statistics
AP Statistics
R Integrated Algebra w/Lab
R Algebra 2 & Trigonometry w/Lab
R Geometry w/Lab
Computer Programming II-Java
Computer Science A/AP
AP Computer Science Principles
Pre-Calculus/College Calculus
Geometric Applications
Trigonometry & Advanced Algebra
H Earth Science Physical Setting
H Biology Living Environment
H Chemistry
H Physics
R Earth Science Physical Setting
R Biology Living Environment
R Chemistry
R Physics
AP Environmental Science
AP Physics 1 & 2
AP Biology
AP Chemistry
AP Physics C
Astronomy
Environmental Science
Meteorology
Genetics
Chemistry A
Chemistry B
Physics A
Physics B
Marine Science A

Course Name:
Marine Science B
Principles Of Engineering A
Principles Of Engineering B
AP Psychology
Forensics
Anatomy & Physiology
H French I
H French II
H French III
H French IV
AP French
French 9 R
French 10 R
French 11 R
French 12 R
H Spanish I
H Spanish II
H Spanish III
H Spanish IV
AP Spanish
Spanish 9 R
Spanish 10 R
Spanish 11 R
Spanish 12 R
H Italian I
H Italian II
H Italian III
H Italian IV
AP Level Italian
Italian 9 R
Italian 10 R
Italian 11 R
Italian 12 R
American Sign Language 9
American Sign Language 10
American Sign Language 11
Mastery Mandarin Chinese 10
Mastery Mandarin Chinese 11
Mastery Mandarin Chinese 12
Mastery Mandarin Chinese 9
H Mandarin Chinese II
H Mandarin Chinese III
H Mandarin Chinese IV
Business Law
College Business Law II

(**Please note that Public Speaking I & II are graded on a "Pass/Fail" standard, which is not recognized by the NCAA. Neither course can be used in determining a student's athletic eligibility at this time.)

WILSON TECH OCCUPATIONAL PROGRAMS

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 receive four and a half credits for BOCES Wilson Tech course work each year.

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 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:

<u>Course</u> (9501 A.M. / 9509 P.M.)	<u>Grade(s) Offered</u>	<u>Length of Course</u>	<u>Credit</u>
Construction Occupations			
Architectural Design/ CAD	11-12	1 or 2 yrs.	4 ½ or 9
Carpentry	11-12	1 or 2 yrs.	4 ½ or 9
Construction Electricity	11-12	1 or 2 yrs.	4 ½ or 9
Heating/ Ventilation/ AC/ Plumbing	11-12	1 or 2 yrs.	4 ½ or 9
Welding	11-12	1 or 2 yrs.	4 ½ or 9
Graphics & Media Occupations			
Advertising/ Graphic Design	11-12	1 or 2 yrs.	4 ½ or 9
Audio Production	11-12	1 or 2 yrs.	4 ½ or 9
Digital Film & Video Production	11-12	1 or 2 yrs.	4 ½ or 9
Professional Photography	11-12	1 or 2 yrs.	4 ½ or 9

<u>Course</u>	<u>Grade(s) Offered</u>	<u>Length of Course</u>	<u>Credit</u>
Health Occupations			
Medical Assisting	11-12	1 or 2 yrs.	4 ½ or 9
Medical Laboratory	11-12	1 or 2 yrs.	4 ½ or 9
Nurse Assisting	11 or 12	1 yr.	4 ½
Physical Therapy Aide	11-12	1 or 2 yrs.	4 ½ or 9
Professional Health Careers*	12 only	1 yr.	4 ½
(*Prerequisite Nurse Assisting)			

Service Occupations

Business & Hospitality Management	11-12	1 or 2 yrs.	4 ½ or 9
Certified Personal Trainer	11-12	1 or 2 yrs.	4 ½ or 9
Cosmetology	11-12	1 or 2 yrs.	4 ½ or 9
Criminal Justice	11-12	1 or 2 yrs.	4 ½ or 9
Culinary Arts	11-12	1 or 2 yrs.	4 ½ or 9
Early Childhood Education	11-12	1 or 2 yrs.	4 ½ or 9
Esthetics	11-12	1 or 2 yrs.	4 ½ or 9
Fashion Merchandising/ Design	11-12	1 or 2 yrs.	4 ½ or 9
Veterinary Assisting	11-12	1 or 2 yrs.	4 ½ or 9

Technical Occupations

Computer Game Design	11-12	1 or 2 yrs.	4 ½ or 9
Electronics/Robotic/Computer Repair	11 or 12	1 yr.	4 ½
Computer Networking*	12 only	1 yr.	4 ½
(*Prerequisite Electronics/Robotic/Computer Repair)			

Transportation Occupations

Aircraft Technology	11-12	2 yrs. + 7 wks.	9
Auto Body Repair	11-12	1 or 2 yrs.	4 ½ or 9
Automotive Technology	11-12	1 or 2 yrs.	4 ½ or 9
Aviation Science/ Flight	11-12	1 or 2 yrs.	4 ½ or 9

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)

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 Secondary Education.

COLLEGE COURSES

Long Island University High School Scholars Program - a cooperative program between C. W. Post Center of Long Island University and Half Hollow Hills - enables qualified high school seniors to enroll in Long Island University and earn college credits while remaining in their high school setting. The program seeks to provide qualified students with the opportunity to accelerate their academic pursuits. Students enrolled in the **LIUHSSP** program will be fully matriculated students meeting all admissions criteria established by the faculty of Long Island University. College credit is available in **College English** and **College Calculus**. **LIUHSSP** students are provided with a C.W. Post identification card valid through the entire academic year. Upon completion of the senior year of high school, matriculated students may continue their degree study at any center of Long Island University.

INTERNSHIP PROGRAM

Gurwin Jewish Geriatric Center Internship Program (C.A.R.E. Program) Course #: 6084 Grades: 9, 10, 11, 12 Course Length: 1/2 year Credit: 1/2 Course is graded Pass/Fail	This 1/2 year long internship is conducted after school, once a week, for 15 weeks and offers students an opportunity to explore careers that support a health care facility, such as: medicine, physical therapy, occupational therapy, nursing, social work, pharmacy, therapeutic recreation, finance, personnel, public relations, food services, engineering and plant maintenance, medical records, health care administrator. The student rotates through each department, developing relations with residents and staff and learning about the growing field of geriatrics. <i>Priority given to upperclassmen.</i>
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INDEPENDENT STUDY Independent Study provides the opportunity for achievement in a setting other than the conventional one. Students may pursue programs of independent study in the less commonly taught subjects such as Hebrew, Greek, Russian. Courses in Independent Study will not be computed in the student's average.

COURSE SELECTION WORKSHEET

HALF HOLLOW HILLS SCHOOLS

Last Name (Print)

First Name (Print)

Middle Initial

Student ID#

Circle One:

HS East

HS West

Home Telephone#

Guidance Counselor

	Subject	Course Name	Course Number	Credits
1	English			
2	Social Studies			
3	Math			
4	Science			
5	World Language			
6	Art or Music			
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
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List Electives Below: Refer to the course description listed In the Infinite Campus Scheduler for elective options.

Students are strongly encouraged to list electives based on order of preference! Electives are determined by enrollment, availability, and placement in the schedule, therefore, alternate electives 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 five major academic subjects through their high school experience.

TOTAL CREDITS: _____