Gilboa-Conesville Central School

# Course Catalog
# 2026-2027

Descriptions of required courses and electives available to students, along with minimum graduation requirement information, graduation Pathways, and New York State Examination Requirements.

**Disclaimer**

*This catalog serves as a complete listing of all classes and electives offered by the Gilboa-Conesville Central School 7-12 staff. Depending upon enrollment, interest, and budgeting conditions, not all courses will be offered during a given school year.*

***"Where school and community foster the academic and personal potential for all"***

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**New York State Unit of Study Requirements for Grades 7 and 8**
**Part 100.4 Regulations of the Commissioner of Education**

| 7th and 8th Grade Unit of Study Requirements |
|---|
| 2 Units of Study in Each<br>● ELA<br>● Math<br>● Social Studies<br>● Science<br>● World Language<br><br>1 ¾ Total Units of Study in Career and Technical Education Subjects<br><br>● Technology Education<br>● Family and Consumer Sciences<br>● Computer Science<br><br>½ Unit of Each<br><br>● Physical Education<br>● Health<br>● Art<br>● Music<br><br>Library and Information Skills (Equivalent to one period per week) |

## ART

**Course Title:** Art 7/8
**Grade(s):** 7, 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** Art 7/8 provides students with activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities through the visual arts (drawing, painting, sculpture, ceramics, and the like). Specific course content conforms to any existing state standards for grades 7 and 8.

**Requirement this course fulfills:** NYSED 7-8 Visual Arts unit of study requirement

**Course Title:** Career Communications
**Grade(s):** 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This class introduces students to the fundamentals of effective communication, the various forms of communication, and how communication impacts business effectiveness and workplace interactions. Students will learn and develop creative thinking strategies, listening skills, and communication methods, so they may relate to individuals positively and productively in a real-world setting. Students will also learn strategies to express themselves in different environments, to recognize and remove communication barriers, and to minimize conflict. Students will achieve these goals by utilizing Google Suite applications.

**Requirement this course fulfills:** NYSED Career Development and Occupational Studies unit of study requirement

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**Course Title:** Computer Science 7
**Grade(s):** 7
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course provides students with an introduction to computer science. Students are presented with an overview of computer science concepts. Topics covered will include but are not limited to, impacts of computing, computational thinking, networks & systems design, cybersecurity and internet safety, and digital literacy.

**Requirement this course fulfills:** NYSED 7-8 CTE unit of study requirement

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**Course Title:** Computer Science 8
**Grade(s):** 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** Computer Science 7
**Weight for Ranking:** N/A

**Description:** This course provides students with an introduction to computer science. Students are presented with an overview of computer science concepts. Topics covered will include but are not limited to, impacts of computing, computational thinking, networks & systems design, cybersecurity and internet safety, and digital literacy.

**Requirement this course fulfills:** NYSED 1.75 units of middle-level CTE instruction requirement

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**Course Title:** Family and Consumer Science 7
**Grade(s):** 7
**Credit:** N/A (¼ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course helps students to develop the knowledge and skills that are used to manage one's family and career efficiently and productively. Course topics typically include foods and nutrition; apparel; child care and development; housing, interior design, and maintenance; consumer decisions; personal financial management; interpersonal relationships; and careers available in family and consumer sciences.

**Requirement this course fulfills:** NYSED 7-8 CTE unit of study requirement

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**Course Title:** Family and Consumer Science 8
**Grade(s):** 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** FACS 7
**Weight for Ranking:** N/A

**Description:** This course helps students to develop the knowledge and skills that are used to manage one's family and career efficiently and productively. Course topics typically include foods and nutrition; apparel; child care and development; housing, interior design, and maintenance; consumer decisions; personal financial management; interpersonal relationships; and careers available in family and consumer sciences.

**Requirement this course fulfills:** NYSED 7-8 CTE unit of study requirement

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**Course Title:** Introduction to Technology 7
**Grade(s):** 7
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course will introduce students to how technology influences and impacts the world in which we live. Students will receive an overview of various technological systems with an emphasis on design and problem-solving.

**Requirement this course fulfills:** NYSED 7-8 CTE unit of study requirement

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**Course Title:** Introduction to Technology 8
**Grade(s):** 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** Intro to Tech 7
**Weight for Ranking:** N/A

**Description:** This course will build on students' previous knowledge of how technology influences and impacts the world in which we live. Students will receive an overview of various technological systems with an emphasis on design and problem-solving.

**Requirement this course fulfills:** NYSED 7-8 CTE unit of study requirement

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## ENGLISH LANGUAGE ARTS

**Course Title:** ELA 7
**Grade(s):** 7
**Credit:** N/A (1 unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course is designed to provide students with the opportunities to practice and master Next Generation Learning Standards at the 7th-grade level. Students experience a balance of literature and informational texts designed to create opportunities for learners to engage with a variety of topics and texts and have discussions about texts that support language development and knowledge building. Creating this learning environment for readers can take a number of formats, including shared readings, paired readings, independent readings, and other learning activities that incorporate literacy materials, talking, and writing. A focus is put on using texts, printed and visual, to develop readers' concepts of how meaning is conveyed through reading and writing, and in turn their ability to make meaning of increasingly complex text. Much of this work is done through talk-reading and reading-writing connections. Students will take the 7th Grade State Assessment in the spring .

**Requirement this course fulfills:** NYSED 7-8 ELA unit of study requirement

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**Course Title:** ELA 8
**Grade(s):** 8
**Credit:** N/A (1 unit of study)
**Prerequisite:** ELA 7
**Weight for Ranking:** N/A

**Description:** This course is designed to provide students with the opportunities to practice and master Next Generation Learning Standards at the 8th-grade level. Students experience a balance of literature and informational texts in the context of instruction designed to create opportunities for learners to engage with a variety of topics and texts and have discussions about texts that support language development and knowledge building. Creating this learning environment for readers can take a variety of formats, including shared readings, paired readings, independent readings, and other learning activities that incorporate literacy materials, talking, and writing. The focus is on using texts, printed and visual, to develop readers' concepts of how meaning is conveyed through reading and writing, and in turn their ability to make meaning of increasingly complex text. Much of this work is done through talk-reading and reading-writing connections. Students will take the 8th Grade State Assessment in the spring.

**Requirement this course fulfills:** NYSED 7-8 ELA unit of study requirement

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## HEALTH AND PHYSICAL EDUCATION

**Course Title:** Health
**Grade(s):** 7, 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** Topics covered within Health Education the course include topics in personal health (nutrition, mental health, stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues.

**Requirement this course fulfills:** NYSED 7-8 Health unit of study requirement

**Course Title:** Physical Education 7/8
**Grade(s):** 7, 8
**Credit:** N/A (½ unit of study each year)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course helps students gain the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Specific content is aligned to the state standards for grades 7 and 8.

**Requirement this course fulfills:** NYSED 7-8 PE unit of study requirement

## MATHEMATICS

**Course Title:** Math 7/8
**Grade(s):** 7
**Credit:** N/A (1 unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** The 7th/8th-grade math curriculum is in alignment with the NYS Mathematics Next Generation Curriculum. The topics include content from the following strands: number sense and operations; Algebra; Geometry; measurement; and statistics and probability. The material will be presented in different ways to promote conceptual understanding, fluency, and problem-solving. Students will take the 7$^{th}$ Grade State Assessment in the spring.

**Requirement this course fulfills:** NYSED 7-8 Math unit of study requirement

## MUSIC

**Course Title:** General Music 7/8
**Grade(s):** 7, 8
**Credit:** N/A (½ unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course enables students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content

usually involves understanding music as creative expression and communication, developing skills with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grades 7 and 8.

**Requirement this course fulfills:** NYSED 7-8 Music unit of study requirement

**Course Title:** Band
**Grade(s):** 7, 8
**Credit:** N/A **(**½ unit of study/year)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** Music to be performed may include, but is not limited to, marches, sacred, and secular works. The band may take multiple trips per year to perform in the community, have the experience of attending highly educational performances, and perform for adjudicators. Students receive lessons in a small group setting to receive extra help with their music and instruments. Student assessment is based on attendance in class, participation, attitude, preparation, lesson attendance, and personal improvements. Band members have the opportunity to participate in numerous performances, including but not limited to, All County, Adjudication trips, NYSSMA, and solos. Concerts are required of all band members; there are two scheduled concerts a year. Marching Band is required if you participate in Band.

**Requirement this course fulfills:** NYSED 7-8 Music unit of study requirement

**Course Title:** Chorus
**Grade(s):** 7, 8
**Credit:** N/A (½ unit of study/year)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course enables students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skills with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grades 7 and 8.

**Requirement this course fulfills:** NYSED 7-8 Music unit of study requirement

## SCIENCE

**Course Title:** Science 7
**Grade(s):** 7
**Credit:** N/A (1 unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** The Science 7 course builds on previous years of scientific inquiry and includes subject matter from life and environmental sciences, and may organize material around thematic units and aligned to the NYS Next Generation Learning Standards.

**Requirement this course fulfills:** NYSED 7-8 Science unit of study requirement

**Course Title:** Science 8
**Grade(s):** 8
**Credit:** N/A (1 unit of study/year)
**Prerequisite:** Science 7
**Weight for Ranking:** N/A

**Description:** The Science 8 course typically includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units and aligned to the NYS Next Generation Standards.

**Requirement this course fulfills:** NYSED 7-8 Science unit of study requirement

## SOCIAL STUDIES

**Course Title:** Social Studies 7
**Grade(s):** 7
**Credit:** N/A (1 unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content aligns with state standards for grade 7.

**Requirement this course fulfills:** NYSED 7-8 Social Studies unit of study requirement

**Course Title:** Social Studies 8
**Grade(s):** 8
**Credit:** N/A (1 unit of study)
**Prerequisite:** Social Studies 7
**Weight for Ranking:** N/A

**Description:** This course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Typically, the course focuses on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills.

**Requirement this course fulfills:** NYSED 7-8 Social Studies unit of study requirement

## WORLD LANGUAGES

**Course Title:** Spanish 7

**Grade(s): 7**
**Credit:** N/A (1 unit of study)
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** This is a one-year introductory course. The emphasis is on learning the vocabulary necessary to be able to listen, speak, read, and write to express oneself in the simple present tense. Students are also exposed to cultural customs to develop cross-cultural understanding.

**Requirement this course fulfills:** NYSED 7-8 World Languages unit of study requirement

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**Course Title:** Spanish 8
**Grade(s):** 8
**Credit:** 1
**Prerequisite:** Spanish 7
**Weight for Ranking:** 1.00

**Description:** Spanish I prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging information (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. Students will be introduced to the relationships among the products, practices, and perspectives of Spanish-speaking cultures. Students will be required to pass the Checkpoint A proficiency exam in June or be scheduled for Spanish I in their freshman year.

**Requirement this course fulfills:** NYSED regulation for World Languages graduation credit

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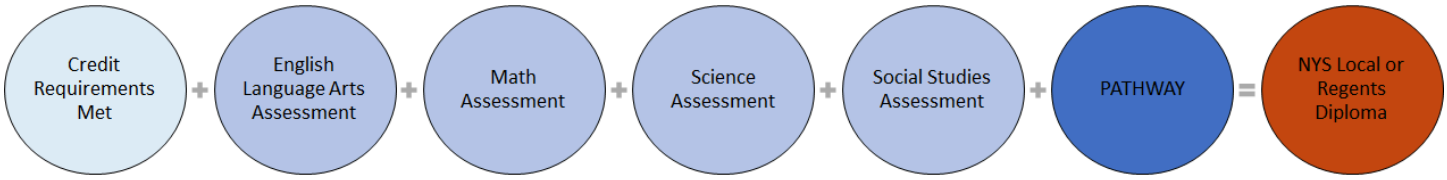
**New York State Diploma/Credential Requirements**
**Revised June 2022**

The following chart outlines the diploma and credential requirements currently in effect. Websites are provided to offer more detailed information regarding the requirements for each diploma or credential.

For the full text of the New York State High School Diploma Requirements, reference the Commissioner's Regulations 8 CRR-NY 100.5, Diploma Requirements as well as the NYSED's General Education and Diploma Requirements webpage. Reference the Understanding NYS Diploma Requirements ~ Family Resources webpage to access three flyers and a tracking tool translated into eleven different languages.

## New York State High School Diplomas

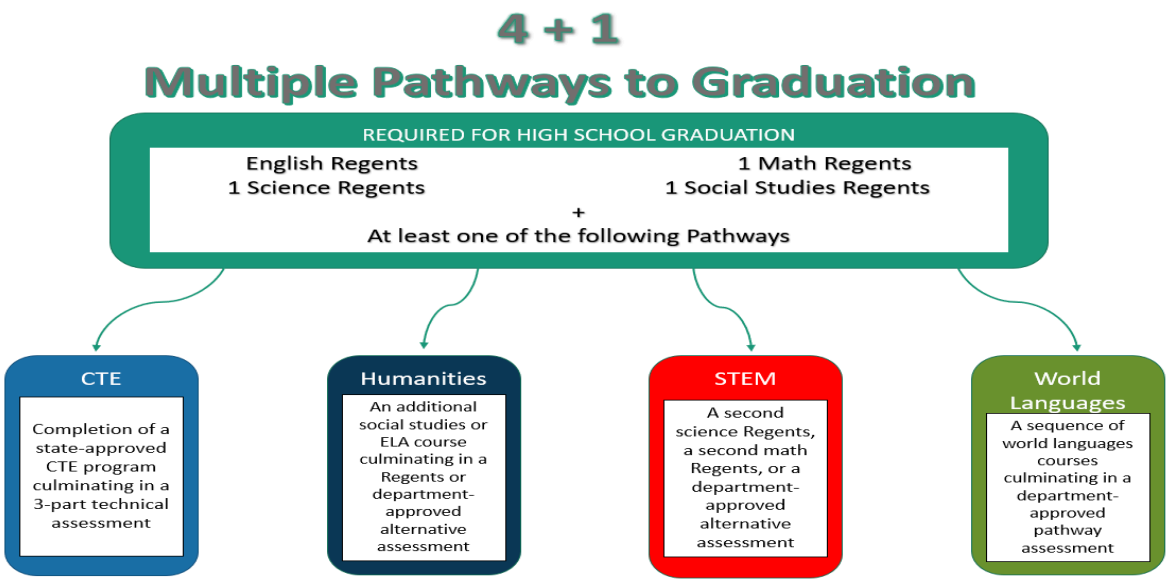



| Diploma Type | Available to | Requirements |
|---|---|---|
| Regents Diploma | All student populations | **Credit:** 22 units of credit distributed as follows: 4 ELA, 4 Social Studies, 3 Science, 3 Mathematics, ½ Health, 1 Arts, 1 World Languages, 2 Physical Education, and 3 ½ Electives<br><br>**Assessment:**<br>● 4 required Regents Exams (one in each discipline: English, Mathematics, Science, Social Studies);<br>● Successful completion of 1 Pathway |
| Regents Diploma with Advance Designation | All student populations | **Credit:** 22 units of credit distributed as follows: 4 ELA, 4 Social Studies, 3 Science, 3 Mathematics, ½ Health, 1 Arts, 1 World Languages, 2 Physical Education, and 3 ½ Electives<br><br>**Assessment:**<br>● 7 required Regents Exams distributed as follows: 3 Mathematics, 2 Science, 1 ELA, 1 Social Studies;<br>● Successful completion of 1 Pathway<br><br>**Sequence:** successful completion of **one** of the three sequence options:<br>● Earning an additional 2 units of credit in World Languages and passing a locally developed Checkpoint B examination in World Languages; or<br>● Completing a 5-unit sequence in the Arts; or<br>● Completing a 5-unit sequence in CTE |

| | | |
|---|---|---|
| Local Diploma | Students with disabilities with an individualized education program (IEP) or if included on the student's Section 504 Accommodation Plan | **Credit:** 22 units of credit distributed as follows: 4 ELA, 4 social studies, 3 science, 3 mathematics, ½ health, 1 arts, 1 world languages, 2 physical education, and 3 ½ elective<br><br>**Assessment:**<br>**a) Low Pass Safety Net Option:**<br>● 4 required Regents Exams (one in each discipline: English, mathematics, science, social studies);<br>● Successful completion of 1 Pathway<br>**b) Low Pass Safety Net and Appeal:**<br>● 4 required Regents Exams (one in each discipline: English, mathematics, science, social studies);<br>● Successful completion of 1 Pathway; and<br>o up to 2 Regents Exams with a score of 52-54 for which an appeal[ii] is granted by the local district per Commissioner's Regulation 100.5(d)(7)<br>o each remaining Regents Exam with a score of **55 or better**[i]<br>**c) Compensatory Safety Net Option**: scores between 45-54 on one or more of the required science, social studies, or mathematics (as a pathway) Regents Exams, but compensates the low score with a score of 65 or higher on another required Regents Exam. **Note:** a score of at least 55 (or an approved appeal of 52-54) must be earned on both the ELA and 1 mathematics exam. A score of 65 or higher on a single examination may not be used to compensate for more than one examination for which a score of 45-54 is earned.<br><br>**Reference:** Appeals, Safety Nets, and Superintendent Determination and Information Related to Graduation Requirements for Students with Disabilities |

i. Additional information can be referenced in the following FAQs: June/August 2020, January 2021, June/August 2021, and January 2022, and FAQ on Cancellation of Regents Exam in US History and Government (Framework). Additionally, if a school grants a **special appeal**, the student is deemed to have met the assessment requirement. Additional information can be referenced in the Special Appeals Memo and FAQ.

ii. Students with a disability who are excused from the world languages requirement per their IEP need not complete a sequence in world languages nor a 5-unit sequence in the Arts or CTE in order to meet the requirements for the Regents diploma with advanced designation.




## ART

**Course Title:** Studio Art
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course provides students with a general introduction and exploration of various artistic mediums and techniques. Students will work on sculpture, painting, drawing, printing, art history, and sculptural projects. Students will evolve while working from life, famous artists and their art and investigation of the world around them.

**Requirement this course fulfills:** NYSED regulation for Fine Arts graduation credit

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**Course Title:** Drawing and Painting I, II, III, and IV
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Drawing and Painting is intended to be an elective art class taken after Studio Art. Students will learn about techniques and materials for drawing and painting. They will work with pencils, charcoal, pen & ink, and pastels for drawing materials. They will learn printmaking, watercolor painting, oil painting, and acrylic painting. Students will begin to discover their own voice and artistic expression. They will learn about history and art periods as well as specific artists and their techniques. They will learn terminology and expand their artistic vocabulary and critiquing skills.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Ceramics
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Students will be involved in creating hand-built ceramic pieces and ceramic pieces thrown on the potter's wheel. They will work with different types of clay and glazes. They may also work with mosaic tiles. Students will expand their vocabulary and history of ceramics along with the skills necessary to create a wide range of functional pieces of ceramics

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Sculpture
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Students will work with a wide range of materials to create a variety of three-dimensional works of art. Paper, wood, cardboard, plaster, and recyclable objects are a few of the materials that students may be using to create numerous sculpture projects. Students will learn about historical art and artists and create art in similar styles and techniques.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Design I
**Grade(s):** 10 – 12
**Credit:** 0.5 and/or 3 college credits
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** A studio course for beginners. Using various media, students explore the basic elements of design such as line, color and form. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Digital Photography
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This class provides a basic introduction to the world of digital photography. Students will learn the basic functions of digital cameras, photography, concepts for acquiring digital images, and the process of manipulating them through Adobe Photoshop, which is the industry standard editing software

for photographers. Students will have hands-on learning with Photoshop to make selections, crop images, use paint, editing tools, filters, layers styles, adjustments, and effects. Students will produce a portfolio of digital photographic work, use problem-solving to develop works of art and critique their artwork based on the elements of art and principles of design. STUDENTS ARE REQUIRED TO TAKE PHOTOS REGULARLY ON THEIR OWN TIME FOR THIS CLASS.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Jewelry Making
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course helps students apply elements of art and principles of design to the fabrication of small-scale objects and pieces of metal jewelry. Students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. Students are provided a historical and contemporary view of using art metals and other elements in jewelry design and instruction in the critique process. The students will learn skills like soldering, repousse, lost wax, investment casting, and more. This is a hands-on production working class.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Digital Animation
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This beginner-level high school digital animation course introduces students to the fundamentals of 2D animation, combining artistic principles with digital tools like Adobe Animate, Photoshop, or Toon Boom. Students learn to create character designs, storyboards, and animated sequences, developing skills in timing, motion, and storytelling. Students learn the 12 principles of animation (squash and stretch, timing, keyframes) to create realistic and appealing movement. Students will create, design, and animate their own characters, scenes, and short stories, culminating in a final portfolio of work. Storyboarding, frame-by-frame animation, motion tweens, and basic audio integration. This course is designed to foster creative expression, offering a foundational or project-based introduction suitable for beginners.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Digital Art
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Students will be able to create digital art using the Procreate, Photoshop and illustrator apps on an iPad and desktops, demonstrating their understanding of digital tools and artistic techniques. Students will familiarize themselves with tools and features of these apps, explore layers, brushes, and color palettes for effective digital art creation, understand the importance of brainstorming and sketching out ideas before starting in the platforms, and apply fundamental principles such as composition, color theory, and texture in digital art.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Wood Carving
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This introductory wood carving course teaches foundational skills in safety, tool handling, and wood grain recognition. Students will learn to use carving tools—including gouges and knives—to create relief designs and small, three-dimensional projects. The course covers sharpening techniques, basic design skills, and carving techniques like chip carving to create finished, personalized wood.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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## CAREER AND TECHNICAL EDUCATION SUBJECT AREAS

**(Business, Computer Science, Family and Consumer Sciences, Technology)**

**Course Title:** Sports Law
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course will introduce students to major legal issues specific to professional, college, and amateur sports industries. Students will review and analyze case law articles and decisions with a focus on the implications of such decisions.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Sports Marketing
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course will introduce students to marketing concepts and techniques specific to

professional, college, and amateur sports. There will be particular focus on strategies to reach target audiences.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Sports Management
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course will introduce students to management concepts and techniques specific to professional, college, and amateur sports. There will be particular focus on the responsibilities of athletic directors and sports management personnel.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Design and Drawing for Production (DDP)
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** DDP is a high-school-level introductory course to the design process that meets both Technology Education and Visual Arts Learning Standards. This course provides opportunities in the areas of design and drawing through creative thinking, decision-making, and problem-solving experiences.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements. It can also be used to fulfill the NYSED Arts graduation requirement.

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**Course Title:** Home Technological Systems
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course gives students hands-on experience with home maintenance and construction skills. Students will work with electrical, plumbing, concrete, sheetrock, insulation, roofing, painting, and building materials throughout the semester. Learning will take place through active practice in the lab and through a variety of construction projects.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements.

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**Course Title:** Materials Processing/Construction Systems
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Materials Processing provides students with a broad, generic view of the way humans convert materials. The course focuses on the processing of a variety of materials such as wood, metal, plastic, ceramics and composites through techniques of forming, separating, combining, and conditioning. Construction Systems provides students with instruction in the construction aspects of production. Topics are specifically tailored to construction of a structure on a site. They include planning; sources of capital; and building foundations, superstructures, floors, walls, ceilings, and roofs. The impact of construction on the environment is addressed as well.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements.

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**Course Title:** Technical Drawing/Computer Aided Design (CAD)
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Technical Drawing introduces basic concepts and principles of technical drawing, which include but are not limited to projection, size description, pictorial representation, and techniques and tools. CAD explores the history, components, applications, design functions and career opportunities within computer-aided design graphic problems will be solved using the CAD system to acquire technical drawing skills and an understanding of industrial standards. CAD systems will be used to generate hard copy. Emphasis is placed on the use of computer technology and an understanding of the changing role of CAD and its effects on the design and manufacturing process.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements.

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**Course Title:** Woodworking/Residential Structures
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** The Woodworking course introduces students to the various kinds of woods used in industry and offers experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop, and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects. Residential Structures introduces students to the many systems and skills involved in constructing non-high-rise residential buildings. Course content includes resources (e.g. materials, supplies, and finances), processes (e.g. planning, framing, roofing, and insulating), and outputs and effects (e.g. quality assurance, environmental impact, and economic consequences).

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Engineering Technology
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Engineering Technology courses provide students with the opportunity to focus on one or more areas of industrial technology. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology; and may also design and build prototypes and working models. Topics covered in the course include the nature of technology, use of technology, and design processes.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Racing Drones
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Drone technology courses help students develop and expand their skills and knowledge of unmanned aircraft systems (UAS). Topics may include operations, mechanics, geographic information systems, maintenance, and FAA regulations.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Robotics
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Food and Nutrition I and II
**Grade(s):** 10 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** These courses provide students with an understanding of food's role in society, instruction in how to plan and prepare meals, and information about the nutritional and health benefits of minimizing processed and prepared food and prepackaged/prepared meals from one's diet. These courses not only build on the basic skills of food preparation but also address financial considerations and recipe conversion to make foods healthier.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

## ENGLISH LANGUAGE ARTS

**Course Title:** ELA 9
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** ELA 8
**Weight for Ranking:** 1.00

**Description:** This is a literature and writing course that spans various genres and writing styles. The atmosphere of the class is collaborative and creative based on problem-solving and critical thinking. The specific outcomes for the class are based on the various units and teaching/learning approaches. Units: Shakespeare, Modern Drama, Greek, Poetry I, Grammar I, Public Speaking, Short Stories, Multi-Cultural, Reality vs. Illusion, Facing Challenges and Turning Points. Writing includes creative, essays, reports, and letters.

**Requirement this course fulfills:** NYSED regulation for ELA graduation credit

**Course Title:** ELA 10
**Grade(s):** 10
**Credit:** 1
**Prerequisite:** ELA 9
**Weight for Ranking:** 1.00

**Description:** The basic structure, teaching style, and learning approaches are the same in English 10 as they are in English 9. Units covered include: Decisions, Human Rights, Poetry II, Grammar II, Maturation, Classic Traditions, Holocaust, Active Drama, Survival, Psychology and Mystery. Writing includes essays, factual reports, business letters, and creative writing.

**Requirement this course fulfills:** NYSED regulation for ELA graduation credit

**Course Title:** ELA 11

**Grade(s):** 11
**Credit:** 1
**Prerequisite:** ELA 10
**Weight for Ranking:** 1.00

**Description:** Students continue to develop skills in analyzing complex literary and informational texts as students delve deeply into works by acclaimed authors and historical figures. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. This course culminates in the NYS Next Generation ELA Regents exam in June.

**Requirement this course fulfills:** NYSED regulation for ELA graduation credit and ELA Regents exam requirement

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**Course Title:** ELA 12
**Grade(s):** 12
**Credit:** 1
**Prerequisite:** ELA 11
**Weight for Ranking:** 1.00

**Description:** This course is a study of English and World Literature. Units focus on major authors and on the mastery of skills necessary for life after high school (library research, term paper writing, etc.) Seniors are expected to complete a major academic interdisciplinary project during the year.

**Requirement this course fulfills:** NYSED ELA credit graduation requirement

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**Course Title:** Academic Writing
**Grade(s):** 12
**Credit:** 0.5 HS credit and/or 3 college credits
**Prerequisite:** ELA 11 and instructor recommendation
**Weight for Ranking:** 1.05

**Description:** This course focuses on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. These courses enable students to explore and practice descriptive, narrative, persuasive, or expositive styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Although composition courses may present some opportunities for creative writing, their focus usually remains on nonfiction, scholarly, or formal writing. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED ELA credit graduation requirement

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**Course Title:** Public Speaking
**Grade(s):** 12
**Credit:** 0.5 HS credit and/or 3 college credits
**Prerequisite:** ELA 11 and instructor recommendation
**Weight for Ranking:** 1.00

**Description:** This course enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization,

writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED ELA credit graduation requirement

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**Course Title:** Creative Writing
**Grade(s):** 10-12
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Introduction to Communication
**Grade(s):** 10-12
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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## HEALTH AND PHYSICAL EDUCATION

**Course Title:** Health
**Grade(s):** 10
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Health class provides opportunities for students to achieve the skills, knowledge, and attitudes that will allow for the attainment of an optimal quality of life through the development and maintenance of total well-being.

**Requirement this course fulfills:** NYSED regulation for Health graduation credit

**Course Title:** Physical Education 9 – 12
**Grade(s):** 9 – 12
**Credit:** 0.5 (Students must take PE each year grades 9 – 12)
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** The following areas are reinforced each year in Physical Education: Fitness, various athletic-related skills, safety habits, knowledge of games both: lifetime and/or small school environment related, leadership, and perhaps the most important of all, sportsmanship.

**Requirement this course fulfills:** NYSED regulation for PE graduation credit

**Course Title:** Wellness
**Grade(s):** 10 – 12
**Credit:** 0.5 credits and/or 1 college credit
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Health and Fitness courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

## MATHEMATICS

**Course Title:** Pre-Algebra
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** Math 7/8 or Pre-algebra
**Weight for Ranking:** 1.00

**Description:** Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

**Course Title:** Algebra I
**Grade(s):** 8/9
**Credit:** 1

**Prerequisite:** Math 7/8 or Pre-algebra
**Weight for Ranking:** 1.00

**Description:** Students will interpret the structure of expressions and write expressions in equivalent forms to solve problems. They will also perform arithmetic operations on polynomials and understand the relationship between zeros and factors of polynomials. They will use polynomial identities to solve problems. The class will learn to rewrite rational expressions and create equations that describe numbers or relationships. Students will understand solving equations as a process of reasoning and explain the reasoning. This course culminates in the NYS Next Generation Algebra I Regents in June.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit and Math Regents exam requirement

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**Course Title:** Geometry
**Grade(s):** 10 – 12
**Credit:** 1
**Prerequisite:** Algebra I
**Weight for Ranking:** 1.05

**Description:** The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students will take the NYS Geometry Regents in June.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit and Math Regents exam requirement

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**Course Title:** Non-Regents Geometry
**Grade(s):** 10 – 12
**Credit:** 1
**Prerequisite:** Algebra I
**Weight for Ranking:** 1.00

**Description:** The fundamental purpose of the course in Non-Regents Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

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**Course Title:** Algebra II
**Grade(s):** 11 – 12
**Credit:** 1 and/or 3 college credits
**Prerequisite:** Geometry
**Weight for Ranking:** 1.05

**Description:** This course is required for the Regents Diploma with Advanced Designation. The Algebra II course builds on students' work with linear, quadratic, and exponential functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving

exponential equations using the properties of logarithms. Upon successful completion of the course, students are prepared for Pre-Calculus. This course culminates in the NYS Algebra II Regents in June. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Math graduation credit and Math Regents exam requirement

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**Course Title:** Pre-Calculus
**Grade(s):** 11 – 12
**Credit:** 1 credit and/or 4 college credits
**Prerequisite:** Algebra II
**Weight for Ranking:** 1.05

**Description:** Pre-Calculus is the fourth course in our high school mathematics sequence. Emphasis is placed on analyzing and modeling functions. This course is designed to give juniors and seniors a background enabling them to enter a college-level calculus course. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

---

**Course Title:** Statistics
**Grade(s):** 11 – 12
**Credit:** 1 credit and/or 3 college credits
**Prerequisite:** 3 Years of HS Math
**Weight for Ranking:** 1.05

**Description:** A basic course in general statistics with applications in the fields of business and the natural, behavioral and social sciences. Elementary probability theory and descriptive statistics are introduced, but the emphasis is on inferential statistics including significance tests, confidence intervals, and linear regression and correlation. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

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**Course Title:** College Algebra
**Grade(s):** 11 – 12
**Credit:** 1 credit and/or 3 college credits
**Prerequisite:** 3 Years of HS Math
**Weight for Ranking:** 1.05

**Description:** A course in Algebra for college students with a strong emphasis on problem-solving and applications. Topics include: introduction to functions and their graphs; linear and quadratic functions; solution of a variety of types of equations and inequalities using algebraic, numeric and graphical techniques; systems of equations, operations with polynomials; rational, radical, exponential and logarithmic expressions; and exponential functions. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

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**Course Title:** Math in Action
**Grade(s):** 11 – 12
**Credit:** 1
**Prerequisite:** 2 Years of HS Math
**Weight for Ranking:** 1.00

**Description:** This course helps students gain mathematical literacy in the real world and simultaneously helps them build a solid foundation for future study in mathematics and other disciplines. The course focuses on algebraic, graphical, and numerical problem-solving, helping students connect theory to everyday situations.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

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**Course Title:** Math, Science, Technology I and II
**Grade(s):** 11 – 12
**Credit:** 1
**Prerequisite:** 2 Years of HS Math
**Weight for Ranking:** 1.00

**Description:** Business Math, Science and Technology is all about teaching students the real-world skills and information they will need to thrive in an ever-changing business landscape. Students will cover topics such as; Interest, Loans, Media Literacy, Artificial Intelligence, E-Commerce, Amortization and Depreciation. Students will tackle these topics in a number of avenues including; real world examples, group and individual projects and presentations made to a professional level for presentation to potential community stakeholders.

**Requirement this course fulfills:** NYSED regulation for Math graduation credit

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## MUSIC

**Course Title:** High School Chorus
**Grade(s):** 9 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Music to be performed may include, but is not limited to, masses, oratorios, marches, sacred, and secular works. The choir takes multiple trips per year to perform in the community, have the experience of attending highly educational performances, and perform for adjudicators. Students receive voice lessons in a small group setting to receive extra help with their music. Student assessment is based on attendance, attitude, preparation, lesson attendance, and personal improvements. Chorus members have the opportunity to participate in numerous performances, including but not limited to, All County, Adjudication trips, NYMSSA, and solos.

**Requirement this course fulfills:** NYSED regulation for Fine Arts graduation credit

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**Course Title:** High School Band
**Grade(s):** 9 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Music to be performed may include, but is not limited to, marches, sacred, and secular works. The band may take multiple trips per year to perform in the community, have the experience of attending highly educational performances, and perform for adjudicators. Students receive lessons in a small group setting to receive extra help with their music and instruments. Student assessment is based on attendance in class, participation, attitude, preparation, lesson attendance, and personal improvements. Band members have the opportunity to participate in numerous performances, including but not limited to, All County, Adjudication trips, NYSSMA, and solos. Concerts are required of all band members; there are two scheduled concerts a year. Marching Band is required if you participate in Band.

**Requirement this course fulfills:** NYSED regulation for Fine Arts graduation credit

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**Course Title:** Acapella Chorus
**Grade(s):** 9 – 12
**Credit:** 0.5
**Prerequisite:** Must also be in High School Chorus
**Weight for Ranking:** 1.00

**Description:** The mission of the group is to explore the many genres of music and perform music from these genres. The group provides a venue for fun, improvisation, and showcasing outstanding individual talent.

**Requirement this course fulfills:** NYSED regulation for Fine Arts graduation credit

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## SCIENCE

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**Course Title:** Life Science: Biology
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** The High School Life Science curriculum is designed to provide students with a comprehensive understanding of the fundamental concepts and practices of biology. The curriculum covers a range of topics including Molecules to Organisms, Inheritance and Variation, Matter and Energy in Life, Ecosystems, and Natural Selection and Evolution.

**Requirement this course fulfills:** NYSED regulation for Science graduation credit and Science Regents exam requirement

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**Course Title:** Earth and Space Science

**Grade(s):** 10
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.05

**Description:** This class follows the New York State Core Curriculum for Physical Setting/Earth Science. Students attend a lab class, in addition to the regular class, every other day. Students must complete 1200 minutes of lab with satisfactory lab reports in order to be eligible to take the Regents exam. The Regents Exam has a lab component and a written component. The Lab Practical Exam has three stations and is scheduled during the last two weeks of school. The written NYS Earth Science Regents exam is taken in June.

**Requirement this course fulfills:** NYSED regulation for Science graduation credit and Science Regents exam requirement

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**Course Title:** Environmental Science
**Grade(s):** 10
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This class examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

**Requirement this course fulfills:** NYSED regulation for Science graduation credit

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**Course Title:** Chemistry
**Grade(s):** 11 – 12
**Credit:** 1 HS credit and/or 3 college credits
**Prerequisite:** Teacher recommendation
**Weight for Ranking:** 1.05

**Description:** This class follows the New York State Core Curriculum for Physical Setting/Chemistry. Students attend a lab class, in addition to the regular class, every other day. Students must complete 1200 minutes of lab with satisfactory lab reports in order to be eligible to take the Regents exam. The written NYS Chemistry Regents exam is taken in June. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Science graduation credit and Science Regents exam requirement

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**Course Title:** Physics
**Grade(s):** 11 – 12
**Credit:** 1
**Prerequisite:** Passing grade on the Algebra II Regents or Teacher recommendation
**Weight for Ranking:** 1.05

**Description:** The Regents Physics course concentrates on the study of mechanics, energy, work, magnetism, waves, electricity, motion, forces, and classical and quantum mechanics. The course uses basic algebra and involves experiments, projects, and formulas that explain the basic laws of the physical world. The course will reinforce and help students see the real-life application of the math learned in Algebra and Trigonometry. Physics will give students an essential foundation for real understanding in later study of medicine, chemistry, and earth science as well as the fields of engineering, architecture, mathematics, electronics, and computer science. The course includes a 1200-minute laboratory requirement and there will be a NYS Physics Regents exam given in June.

**Requirement this course fulfills:** NYSED regulation for Science graduation credit and Science Regents exam requirement

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**Course Title:** Forensic Science I and II
**Grade(s):** 11 – 12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Forensic science is the application of science to criminal and civil laws. This course will study relevant scientific and technological principles and techniques that are used to solve crimes. Topics in this course are arranged to integrate scientific methodology with actual forensic applications. The course will include a wide variety of laboratory methods and forensic cases to give students valuable opportunities for interactive hands-on experiences and to develop problem-solving and critical-thinking skills.

**Requirement this course fulfills:** NYSED regulation for Science graduation credit

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## SOCIAL STUDIES

**Course Title:** Global Studies I
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Introduction to World History covers units in geography, belief systems, economic systems, and political systems. The material covered in Global 9 goes from Prehistory up to The Age of Exploration. This course is part one of a two-year course in Global Studies.

**Requirement this course fulfills:** NYSED regulation for Social Studies graduation credit

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**Course Title:** Global Studies II
**Grade(s):** 10
**Credit:** 1
**Prerequisite:** Global Studies I
**Weight for Ranking:** 1.00

**Description:** This is the second part of the two-year Global Studies course needed to graduate. Global

Studies II covers the social systems, technology, environmental issues, and world conflicts of world history. Global II picks up with the Enlightenment and continues up to present-day events. This course culminates in the NYS Global History and Geography II Regents exam on material from the Global II year.

**Requirement this course fulfills:** NYSED regulation for Social Studies graduation credit and Social Studies Regents exam requirement

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**Course Title:** US History & Government
**Grade(s):** 11
**Credit:** 1 and/or 6 college credits
**Prerequisite:** Global Studies II
**Weight for Ranking:** 1.00

**Description:** Major units covered in American History: Roots of American Government, The Constitution, Three Branches of National Government, Bill of Rights, Expanding Nation, Civil War, Industrialization, Progressivism, WWI, Roaring '20s, Great Depression, New Deal, WWII, Cold War, Civil Rights Revolution, Vietnam, Nixon Years, and the Challenges of the '80s, and '90s. Students will take the NYS United States History and Government Regents exam in June. This course is approved for dual college credit. (Tuition assistance may be available.)

**Requirement this course fulfills:** NYSED regulation for Social Studies graduation credit and Social Studies Regents exam requirement

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**Course Title:** Economics
**Grade(s):** 12
**Credit:** 0.5
**Prerequisite:** US History
**Weight for Ranking:** 1.00

**Description:** Economics is an introduction to basic economic concepts, banking, and finance. A life skills unit is covered to teach students how to manage their own money. Other projects will be interdisciplinary.

**Requirement this course fulfills:** NYSED regulation for Social Studies graduation credit

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**Course Title:** Participation in Government
**Grade(s):** 12
**Credit:** 0.5
**Prerequisite:** US History
**Weight for Ranking:** 1.00

**Description:** This course examines contemporary issues facing America. Students will research at least two issues and give presentations to a group on the issues. Students will participate in local, county, and/or other government positions to better understand the functions of local government.

**Requirement this course fulfills:** NYSED regulation for Social Studies graduation credit

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**Course Title:** The World Wars—The Causes, Events, Impacts, and Aftermath

**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None

**Weight for Ranking:** 1.00

**Description:** Students will study the historical development of the World Wars and their impact on both the American culture and diversity of American society as well as their impact on human rights, media, and future wars. Students will study topics in depth through primary documents, non-fiction and fiction literature, art, music, and film, as well as virtual and in-person field trips. Students will also be learning how to critically analyze sources and how to document and present using a variety of technology. This course will provide students an opportunity to do a deep dive into the World Wars--battles, technology, causes, major events, human cost--and how these wars impacted the U.S. and the world. They will analyze historical events and timely literature, art, music, and film; collaborate and discuss American actions and thoughts of the past, and debate their influence on the present. Students will also study in depth the topic of the Holocaust as part of the World Wars and how the atrocities led to the Declaration of Human Rights and impact of crimes against humanity in today's world. Students will also learn how to use various technologies to research, document, and present in the classroom

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Current Events I and II
**Grade(s):** 9-12
**Credit:** 0.5 credits each
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This full-year elective, which is divided into two courses, helps students become informed, critical consumers and discussants of news and current issues. Students will build media literacy skills, learn to evaluate sources, follow ongoing stories over time, and practice civil discourse on topics ranging from local news to global affairs. Because the class meets every other day (roughly 90 sessions across the year), each class period is designed as a complete, self-contained unit that also connects to a running thread of skills and habits built across the year.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Holocaust
**Grade(s):** 10-12
**Credit:** 0.5 credit
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course moves from the long history of antisemitism and the collapse of Weimar democracy, through the Nazi seizure of power, persecution, ghettoization, and mass murder, to resistance, rescue, liberation, justice, and memory. Students work with primary sources, survivor testimony, historical scholarship, and Elie Wiesel's *Night*. The course keeps individuals at its center: victims are studied as people with lives, communities, and choices, not as statistics, and perpetrators, bystanders, and rescuers are studied as people who made decisions.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation

requirements

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**Course Title:** 911
**Grade(s):** 10-12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course examines the geopolitical, ideological, and intelligence origins of the September 11, 2001 terror attacks, the operational execution of the attacks, and the immediate and long-term foreign and domestic policy responses by the United States. We will also be exploring other Middle Eastern Countries and their history to help understand modern day issues.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Presidents of the USA
**Grade(s):** 10-12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Learning about the presidency involves understanding the experiences of individuals before, during, and after their term. Before becoming president, many individuals build a career in politics, law, or other fields, often gaining experience through public service or community leadership. During their presidency, they face immense pressure, make critical decisions, and serve as the nation's leader. After their term (not all made it to the end of their terms), some presidents retire from public life, while others remain active in politics, writing, or other endeavors.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** History of Sports
**Grade(s):** 10-12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course explores how games and athletic competition have shaped, and been shaped by, the societies that play them. From the sacred games of ancient Greece to the global spectacle of the modern World Cup, students investigate how sport has reflected religion, politics, nationalism, race, gender, commerce, and technology. Through primary sources, discussion, debate, and an independent research project, students learn to read sport as historical evidence and to argue about its meaning.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Spanish I
**Grade(s):** 9
**Credit:** 1
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** This course is offered for any student who did not pass the Level A Proficiency Exam at the end of 8th grade. In order to fulfill NYSED requirements for graduation, a student in this course must participate in all class activities all year. There will be no end-of-the-year exam. Students will review all of the topics introduced in the introductory Spanish classes taught in 7th and 8th grade. Please visit those courses for more information.
**Requirement this course fulfills:** NYSED regulation for World Languages graduation credit

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**Course Title:** Spanish II
**Grade(s):** 9 – 10
**Credit:** 1
**Prerequisite:** Spanish I
**Weight for Ranking:** 1.05

**Description:** This course builds upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II introduces the relationships among the products, practices, and perspectives of Spanish-speaking cultures. The year in Spanish 2 is spent expanding the knowledge of the four aspects of language: reading, writing, listening, and speaking. Verbs and their tenses are heavily stressed. More cultural information is covered and informative presentations are required.

**Requirement this course fulfills:** NYSED regulation for World Languages graduation credit

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**Course Title:** Spanish III
**Grade(s):** 10 – 12
**Credit:** 1
**Prerequisite:** Spanish II
**Weight for Ranking:** 1.05

**Description:** This course continues to expand on previously learned language and deepen a student's proficiency in speaking, listening, reading, and writing in Spanish. It also prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures. Students need to pass the Checkpoint B proficiency exam at the end of the year in order to earn credit.

**Requirement this course fulfills:** NYSED regulation for World Languages graduation credit

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# OTHER COURSE OFFERINGS

**Course Title:** Senior Seminar
**Grade(s):** 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:**.Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. This Seminar, aimed at seniors, includes a college and career exploration and planning component.

**Requirement this course fulfills:** This course can be used as elective credit toward NYSED graduation requirements.

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**Course Title:** Yearbook
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Students are responsible for all phases included in yearbook production. Layout, writing of copy, selling advertisements, fundraising, and proofreading are all major components of the class. Students work with a professional software program STUDENTS ARE REQUIRED TO TAKE PHOTOS REGULARLY ON THEIR OWN TIME FOR THIS CLASS.

**Requirement this course fulfills:** This course can be used as elective credit toward NYSED graduation requirements. Students may repeat the course as an audit.

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**Course Title:** College and Career Planning
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Real World 101
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decision-making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Podcasting
**Grade(s):** 10 – 12
**Credit:** 0.5
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** The podcasting industry is booming. Statistics show that there are millions of podcasts published every year. In this course, students will look at the history of podcasts and the process by which a podcast is created. Students progress through the course producing their own podcasts.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements

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**Course Title:** Career Exploration
**Grade(s):** 11 – 12
**Credit:** 30 hours per ten week grading period = 1/4 credit (one credit per year)
60 hours per ten week grading period = 1/2 credit (two credits per year)
Credit Limits: 2 Maximum Elective Credits Per Year and 4 Total Elective Credits in high school
**Prerequisite:** None
**Weight for Ranking:** 1.00

**Description:** The 21st Century Educational Commitment to all individuals in high school includes the promise that all students will graduate from High School, College and Career Ready. Regardless of the direction a student chooses, they must make their own decisions and an educational plan must be in place to meet the goals and provide a learning structure. The Gilboa-Conesville Central School Career Exploration Program allows students to shadow GCCS employees to prepare for the world of work AND earn high school elective credit. The program also provides documentation that supports Career Based Skills verification and accountability.

**Requirement this course fulfills:** This course can be used as an elective toward NYSED graduation requirements.

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**Course Title:** AIS
**Grade(s):** 7 – 12
**Credit:** Non-credit Bearing
**Prerequisite:** None
**Weight for Ranking:** N/A

**Description:** Students are placed in the class based on their performance on NYS assessments, progress monitoring assessments, teacher recommendation, and/or parent request. The AIS class provides the students with additional practice and assistance with the material currently being taught. Assistance is also provided in the learning standard areas in which students have been identified as deficient. Homework assistance may also be provided, though this is not the focus of the class. Students may also hone organizational skills, practice academic content, and prepare for classroom exams and/or prepare for Regents exams for those who have not been successful in the past.

**Requirement this course fulfills:** NYSED Academic Intervention Services requirements

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## DISTANCE LEARNING CLASSES

Students may register for distance learning classes that are not offered by GCCS. Students can participate remotely in classes offered by other school districts through GCCS' Distance Learning room. These classes will earn students credit toward NYSED graduation requirements and may also earn dual college credit. College courses are also offered through Hudson Valley Community College. Students can participate remotely in these classes through GCCS's Distance Learning room. These classes earn college credit only.

Participation in distance learning classes can be discussed with the School Counselor during student scheduling meetings.

# 9-12 Course Recommendations

***Regents Diploma***

| Grade | Course | Units |
|---|---|---|
| 9 | English 9* | 1 |
| | Global Studies I* | 1 |
| | Algebra I* | 1 |
| | Living Environment* | 1 |
| | Spanish I* | 1 |
| | Studio Art 9* or DDP* | 1 |
| | Physical Education 9-12* | ½ |
| 10 | English 10* | 1 |
| | Global Studies II* | 1 |
| | Geometry* | 1 |
| | Earth Science* | 1 |
| | Health* | ½ |
| | Physical Education 9-12* | ½ |
| | Electives | 1 |
| 11 | English 11* | 1 |
| | U.S. History* | 1 |
| | Math* | 1 |
| | Science* | 1 |
| | Physical Education 9-12* | ½ |
| | Electives | 1½ |
| 12 | English 12* | 1 |
| | Economics* | ½ |
| | Government* | ½ |
| | Physical Education 9-12* | ½ |
| | Electives | 3½ |

Note: New York State requires students to earn a minimum of 22 high school credits to graduate. Gilboa-Conesville Central School requires students to be signed up for a minimum of 6 credits per year.

* Required courses for graduation

# 9-12 Course Recommendations

***Regents Diploma with Advanced Designation (Spanish Sequence)***

| Grade | Course | Credits |
|---|---|---|
| 9 | English 9* | 1 |
| | Global Studies I* | 1 |
| | Algebra I* | 1 |
| | Living Environment* | 1 |
| | Spanish I* or Spanish II*** | 1 |
| | Studio Art 9* or DDP* | 1 |
| | Physical Education 9-12* | ½ |
| 10 | English 10* | 1 |
| | Global Studies II* | 1 |
| | Geometry* | 1 |
| | Earth Science** | 1 |
| | Spanish II*** or Spanish III*** | 1 |
| | Health 10* | ½ |
| | Physical Education 9-12* | ½ |
| 11 | English 11* | 1 |
| | U.S. History* | 1 |
| | Algebra II* | 1 |
| | Chemistry** or Physics** | 1 |
| | Spanish III*** | 1 |
| | Physical Education 9-12* | ½ |
| | Elective | ½ |
| 12 | English 12* | 1 |
| | Economics* | ½ |
| | Government* | ½ |
| | Pre-Calculus**** | 1 |
| | Physics** | 1 |
| | Physical Education 9-12* | ½ |
| | Electives | ½+ |
| | College Courses (at GCCS, online or over Distance Learning)**** | ½+ |

Note: New York State requires students to earn a minimum of 22 high school credits to graduate. Gilboa-Conesville Central School requires students to be signed up for a minimum of 6 credits per year.

* Required course for graduation
** Can be used to fulfill the second required Regents Science course
*** Required if earning a foreign language sequence
**** Recommended for students interested in attending college

# 9-12 Course Recommendations

***Regents Diploma with CTE Endorsement***

| Grade | Course | Units |
|---|---|---|
| 9 | English 9* | 1 |
| | Global Studies I* | 1 |
| | Algebra I* | 1 |
| | Living Environment* | 1 |
| | Spanish I* | 1 |
| | Studio in Art 9* | 1 |
| | Physical Education 9-12* | ½ |
| 10 | English 10* | 1 |
| | Global Studies II* | 1 |
| | Math* | 1 |
| | Science* | 1 |
| | Health 10* | ½ |
| | Physical Education 9-12* | ½ |
| | Electives | 1 |
| 11 | English 11* | 1 |
| | U.S. History* | 1 |
| | Physical Education 9-12* | ½ |
| | CTE Program* | 2½ |
| | CTE Math* | ½ |
| | CTE Science* | ½ |
| 12 | English 12* | 1 |
| | Economics* | ½ |
| | Government* | ½ |
| | Physical Education 9-12* | ½ |
| | CTE Program* | 2½ |
| | CTE Math* | ½ |
| | CTE Science* | ½ |

Note: New York State requires students to earn a minimum of 22 high school credits to graduate. Gilboa-Conesville Central School requires students to be signed up for a minimum of 6 credits per year.

* Required courses for graduation

## CAREER AND TECHNICAL EDUCATION (CTE) SEQUENCES

**NCOC (Northern Catskills Occupational Center- 2 years):** Automotive Technology, Culinary Arts, Cosmetology and Spa Services, Equipment Operation and Repair, Visual Arts Communications and Technology, Welding and Metal Fabrication, and New Visions Health Care Professions (senior year only).