

GLOVERSVILLE HIGH SCHOOL



PROGRAM OF STUDIES 2017-2018

BE RESPONSIBLE- BE RESPECTFUL- BE SAFE

Dear Students and Parents:

The Gloversville High School *Program of Studies* for 2017-2018 has been prepared for students and parents as a guide for educational planning. It is designed to provide important information regarding graduation requirements, course offerings, and educational opportunities offered by our school to meet student's needs. For your information, the New York State Standards are written at the beginning of each subject area. These standards reflect the skills and level of achievement a student should attain by the completion of high school.

The administration and faculty urge you to read this booklet carefully. Students should choose their educational program wisely by evaluating their abilities, goals, and interests when choosing courses. It is our sincere hope that each student's course of study will result in a challenging and rewarding educational experience.

Students should seek parental guidance as well as advice from counselors when selecting courses. Counselors will begin to meet with students to complete the course selection process in January and February 2017. Students and parents are also invited to meet with counselors individually. Appointments may be scheduled by calling the high school Career Counseling Center.

Please contact our Career and Counseling Center if you have any questions about the educational program or the course selection process.

COUNSELOR ASSIGNMENTS

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GRADUATION REQUIREMENTS

I. COURSE REQUIREMENTS

Required Core Subjects	Regents Diploma	Advanced Designate
English	4 Credits	4 Credits
Social Studies	4 Credits	4 Credits
Mathematics	3 Credits	3 Credits
Science	3 Credits	3 Credits
Second Language	1 Credit	3 Credits*
Fine Art	1 Credit	1 Credit
Health (including CPR)	1/2 Credit	1/2 Credit
Physical Education	2 Credits	2 Credits
Sequence/Electives	4 Credits	2 Credits
	22.5 Credits	22.5 Credits

II. TESTING REQUIREMENTS

ADVANCED DESIGNATION REGENTS DIPLOMA - MUST PASS THE FOLLOWING REGENTS EXAMS:

- Comprehensive English
- Global History and Geography
- U.S. History and Government
- Common Core Algebra 1, Geometry and Algebra 2 exams
- Living Environment and Earth Science OR Chemistry
- *Second Language Comprehensive Exam

* Students acquiring 5 credits of credit in Art, Music, Business, Technology, or Vocational Education can replace this exam

REGENTS DIPLOMA - MUST PASS THE FOLLOWING REGENTS EXAMS:

- Comprehensive English
- Global History and Geography
- U.S. History and Government
- Common Core Mathematics exam
- Living Environment or Earth Science
- (There is a 4 + 1 Pathway as well – please see your counselor for details)

Attendance: Attendance is an integral part of successfully earning course credit. Since class participation is part of the course grade, excessive absenteeism will have a negative impact on the student's grade average.

GHS HONORS REQUIREMENTS

These courses demand superior achievement in all skills and content. They require consistent excellence of performance on written and oral work and necessitate the ability to synthesize, analyze, apply, and universalize concepts and content. Honors courses challenge the student to delve deeply into content to satisfy intellectual curiosity, draw conclusions, formulate hypotheses independently, and make connections between new and old material. They emphasize independent study beyond the realm of classroom work.

PLACEMENT – NINTH GRADE HONORS

- Math and Second Language: Students will continue to be accelerated from 8th grade.
- Science: Students who have successfully completed Honors Earth Science in 8th Grade will be placed in Honors Living Environment.
- Language Arts/Social Studies: Must meet three criteria:
- 8th Grade State Assessment of high 3 or 4 with teacher recommendation.
 - 8th Grade average in Social Studies or Language Arts must be 90 or above.
 - Successfully complete a writing sample.
- Challenges:
- Any student who does not have at least an 80 average in their 8th grade class will be ineligible for honors placement.
 - If a student has an 80 – 89 average in their 8th grade class, they may be placed in Honors if the following criteria is met:
 - Writing sample as noted above.
 - If student's 5 week average is below an 80, parent conference will be held.
 - If student's 1st quarter average is below 80, student will be removed from class.
 - Student must adhere to Honors conduct code.

PLACEMENT IN HONORS PROGRAM BEYOND NINTH GRADE

- Must have a final grade of 90 or above in class
- Recommendation from previous teacher.
- Writing sample

MAINTAINING HONORS PLACEMENT

- Must maintain at least an 80 average.
- If student's 5 week average is below an 80, parent conference will be held.
- If student's average falls below an 80 again, student will be removed from class.
- This will not apply to students in college level courses (AP, SUNYA, SUPA, PLTW)

HONORS CODE OF CONDUCT

The following policy on cheating, plagiarism and fraud is found in the GHS Student Handbook:

Cheating, Plagiarism and Fraud

Cheating, plagiarism and fraud are serious offenses. They include the use of unfair means to pass an examination, term paper, project, etc., giving aid to or obtaining aid from another person during an examination, and/or intentional misrepresentation of information and/or reported results.

A student found to be guilty of cheating on a test or exam shall have his/her examination confiscated, and his/her exam cancelled. In the case of cheating on a regents exam, the student will be excluded from any subsequent state examinations until such time as the student has demonstrated by exemplary conduct and citizenship, to the satisfaction of the principal that he/she is entitled to restoration of that privilege.

Cheating on homework, papers, quizzes, tests, and local final examinations will result in a grade of "zero" being given for that particular piece of work. This grade may NOT be made up.

Plagiarism is defined as stealing and passing off ideas or words of another as one's own, that is, without crediting the source. Proven acts of plagiarism receive a grade of "zero" on a paper or a project. Any proven act of cheating, plagiarism, fraud, etc. shall result in the removal from and/or non-consideration for membership in the National Honor Society.

In addition: In the case of cheating or plagiarism, any student in an Honors class will lose his/her Honors status by being moved to a non-honors course. If this is not possible due to scheduling issues, the student will lose the weighted Honors grade.

EARNING COLLEGE CREDIT

Students may elect to earn college credit while in high school through the following methods:

1. **Early Admission-** Students may attend FMCC either part time or full time to earn college credit while enrolled at Gloversville High School. All academic courses successfully completed at the college will be designated Honors courses and may be used for graduation credit at Gloversville High School. Tuition, fees, and traveling expenses are the responsibility of the student. Some financial aid is available.
2. The **University in the High School** program, available through the State University of New York at Albany, provides college credit through courses in foreign language, Art, and English. The courses are taught at Gloversville High School by each department's staff. Course fees are required to receive college credit. Limited financial aid is available.
3. **Syracuse University Project Advance** provides college credit through courses in mathematics and social studies. The courses are taught at Gloversville High School by each department's staff. Course fees are required to receive college credit. Limited financial aid is available.
4. **Project Lead the Way (Pre Engineering Program)** - Program courses available for college credits through Rochester Institute of Technology. Course fees and successful completion of a final exam are required to receive financial aid.
5. **Fulton Montgomery Community College**, provides college credit through mathematics and business. These courses are taught at Gloversville High School by department staff. Course fees are required to receive college credit. Limited financial aid is available.
6. **Delhi Articulation Program** - Gloversville High School's Technology Department has an articulation agreement with the State University of New York, College of Technology at Delhi whereby students in the Computer Aided Drafting program can receive up to six college credits. To receive this credit, students must receive 80% or better in the CAD courses at GHS.
7. **Advanced Placement (AP)-** AP is a program of college-level courses and exams that give high school students the opportunity to receive advanced placement and/or credit in college. The following AP courses are taught at GHS: Biology, U.S. History, Chemistry, Physics, and Psychology. (Statistics is sometimes offered through Distance Learning. In addition to formal AP courses, students may challenge AP exams in other subject areas such as foreign language, computer science, music theory, English language, English literature, and art. Each college decides which AP exam grades it will accept for credit and/or advanced placement. Most institutions accept grades of 3 and above.

Please note- Some of the college fees are paid by the District. Please see course teacher for details.

ART

Completion of 1 credit of Art fulfills the Fine Art requirement for graduation.
All art courses are Regents level courses except where otherwise indicated as honors.

NYS Standards:

1. Students will make works of art that explore different kinds of subject matter, topics, themes, and metaphors.
2. Students will know and use a variety of visual arts materials, techniques, and processes.
3. Students will reflect on, interpret, and evaluate works of art, using the language of art criticism.
4. Students will explore art and artifacts from various historical periods and world cultures to discover the role that art plays in the lives of people.

STUDIO IN ART

1 Credit - Full Year Course

Studio in Art is an introduction to the visual arts. It is taught in a studio atmosphere in which emphasis is placed on visual perception and experiences in a variety of art media. This course is broadly based on the elements and principles of design, their historical significance, and their use in our environment. **Studio in Art is the prerequisite for all other art courses.**

DRAWING AND PAINTING

1 Credit - Full Year Course

Prerequisite: Studio in Art

This course is designed to teach the basic techniques of drawing and painting. Drawing: Special attention is given to the analysis of form, anatomy, and perspective and to the development of fundamental skills based on sound drawing principles. Outside compositional drawing problems are given from time to time. Students develop a personal approach through the use of a sketchbook. Painting: Basic understanding of painting materials, such as water colors and acrylics and their use. Organizations of a visual idea, emphasizing space & line, integrated with the language of painting fundamentals of visual awareness perception, color, composition, and the handling of paint.

CERAMICS

1/2 Credit - Half Year Course

Ceramics is designed for the student who enjoys working with clay. All hand-building techniques, such as coil, slab, and combination techniques will be taught. Students will also learn to use the potter's wheel and become skilled in the use of ceramic colors and glazes. No ready-made molds will be used.

SCULPTURE

1/2 Credit - Half Year Course

This course allows students to express themselves in the following three-dimensional media: cardboard, plaster, clay, wood and wire. The processes of modeling, carving, and construction will be taught. Students will be helped to develop the technical skills necessary to carry out their ideas.

ADVERTISING DESIGN

1/2 Credits - Half Year Courses

Prerequisite: Studio in Art and Drawing & Painting

Essential design and composition skills, as well as an individual approach to problem solving, combine in this course to allow students to creatively prepare high quality graphics for the advertising industry. Product design, compact disc covers, advertisements, brochures, and promotional display materials will be included as projects. Work in typography is also included.

GRAPHIC ARTS

1/2 Credit - Half Year Course

Prerequisite: Studio in Art and Drawing & Painting

This course is based on the principles of design and how to successfully incorporate them into the process of solving graphic design problems. Through the introduction of graphics process, resources, tools and research, students will be asked to solve problems typical in the graphics industry from type selection and layout to an assigned ad campaign. This course also explores color theory through various printmaking media, including linoleum cuts and engravings.

ADVANCED ART

1 Credit - Full Year Course

Prerequisite: 3 Credits in Art

Advanced Art is designed for upper classmen and is limited to those who have completed an art sequence or who can demonstrate exceptional ability through presentation of a portfolio. Students will enhance their senior portfolios and prepare for the annual senior display. Advanced work in drawing, painting in oils, watercolors, acrylics, and graphic design are all possible. There will also be instruction on Adobe Photoshop and Illustrator, matting and framing for professional admission to art affiliated schools, and digital portfolios. Other mediums will also be introduced in this course.

HONORS ADVANCED SCULPTURE

1 Credit - Full Year Course

College credit: University in the High School

Prerequisite: 3 Credits in Art

This course will introduce students to a wide variety of materials, tools and approaches to sculpture. Casting, modeling, carving, construction and mold making are all introduced as techniques so that both additive and subtractive approaches are presented. Plaster, clay, wood, wire, and paper mache' are introduced as possibilities for sculptural materials. You may choose to participate in the "University in the High School" program from SUNY, Albany and receive 3 college credits for the course. A college fee of approximately \$140 is then required. Financial assistance, available to anyone who qualifies, reduces the fee to approximately \$70.

BUSINESS

NYS Standards:

1. Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes, and abilities to future career decisions.
2. Students will demonstrate how academic knowledge and skills are applied in the workplace and other settings.
3. Students will demonstrate mastery of the foundation skills and competencies essential for success in the workplace.

All business courses meet the New York Standards. A five-credit business sequence can be used as a substitution for the additional two credits of foreign language needed for an Advanced Designation Diploma.

CAREER AND FINANCIAL MANAGEMENT (Business and Life Survival Skills)

1/2 Credit – Half Year Course

(A required class for all students looking to substitute a foreign language with a business sequence)

In this class, students will learn and use material that has the possibility to change and/or improve their lives. Students will explore topics such as taxes, work place environments, job searches, and resumes, maintain bank accounts, credit cards, career paths, problem solving and the economy. For each topic, students will learn the core material and then be provided with real-world examples such as The Apprentice, tax forms, job applications and topic related movies.

INTRODUCTION TO MARKETING

1/2 Credit - Half Year Course

This class introduces students to the importance of marketing as it applies to Food, Entertainment and Fashion Marketing in today's world. Students will first learn the basics of marketing and then explore various areas. The learning environment within this class will be hands-on and project-based. The material will be supplemented by videos, movies and projects. This is a vital class for anyone thinking about a future in any business field.

SPORTS/ENTERTAINMENT MARKETING

1/2 Credit- Half Year Course

Prerequisite: Introduction to Marketing

This is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course stresses the utilization of fundamental marketing concepts and will include an orientation to the sports and entertainment industry. Marketing strategies along with topics in sponsorship, pricing, marketing research, endorsements, and promotions will be part of this course. It is a very creative course, calling upon creativity and artistic ability and applying those elements to the world of Marketing.

COMPUTER INFORMATION SYSTEMS (CIS 105)

1/2 Credit- Half Year Course

College credit: Fulton Montgomery Community College

The course provides an introduction to microcomputers and end-user system/application software. The micro-computer is demonstrated as a tool to support other academic or professional disciplines. Topics include operating systems, word processing, spreadsheets, presentation, database and web page design software. Internet related applications are also used. The Microsoft Office Suite is the focus of the course.

Open to juniors and seniors only

ENGINEERING/TECHNOLOGY EDUCATION

NYS Standards:

1. Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.
2. Students will access, generate, process, and transfer information using appropriate technologies.
3. Students will apply knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.

Students who desire to pursue a sequence in Engineering Technology must complete the following requirements:

3-Credit Sequences:

- 1 Credit..... Foundation Courses
Design and Drawing for Production (1 Credit)
Materials Processing (1/2 Credit)
- 1/2 Credit..... Systems Courses (Choose one)
Construction
Manufacturing
Transportation
- 1/2 Credit..... Electives (Choose one)
Land Transportation
Residential Structures
CAD (Computer Aided Drafting)
- 1 Credit..... Introduction to Occupation

5-Credit Sequences:

Students who wish to pursue a 5-credit sequence in Engineering Technology must complete the following requirements:

- 3-Credit..... Engineering Technology Sequence

Plus

- 2-Credit..... Any Four 1/2-credit Engineering Technology courses from Systems, Foundation electives or 2-Credit Automotive Technology course.

PROJECT LEAD THE WAY PRE-ENGINEERING PROGRAM

The pre-engineering program is a five course sequence designed to help students explore technology related careers and to prepare them for two and four year college programs. Each class uses state-of-the-art technology equipment and software and is taught in a laboratory setting that involves projects rather than lectures to learn the material. Classes focus on problem solving and encouraging students to work in teams. Students are eligible to earn college credits through Rochester Institute of Technology. It is not required that students complete all five courses but the *courses should be taken in the following sequence:*

The courses should be completed in sequence. All courses are 1 full credit and are taught in a dedicated computer laboratory.

1. Introduction to Engineering Design/Design and Drawing for Production
2. Principles of Engineering
3. Digital Electronics/PLTW
4. Civil Engineering and Architecture/PLTW
5. Engineering Design and Development/PLTW

INTRODUCTION TO ENGINEERING DESIGN (IED)*

1 Credit - Full Year Course

IED/DDP provides students with the opportunity to apply creative thinking and problem-solving skills using a design development process. It utilizes powerful computer hardware and software (Autodesk Inventor) to develop 3-D models or solid renderings of objects. Students will learn the product design process and how a model of that product is created, analyzed, rendered and produced. Various applications of the product design process will be discussed along with possible career opportunities. In NYS, the course is called Design and Drawing for Production and follows the standards developed by the State Education Department. Students are required to develop a professional portfolio of all work.

* This course may be used to meet the Fine Art graduation requirement with a 3-credit technical sequence.

PRINCIPLES OF ENGINEERING (POE)

1 Credit - Full Year Course

Prerequisite: Introduction to Engineering Design (IED), Teacher Approval, Must have completed or be enrolled in Geometry.

A course that helps students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students are required to develop a professional portfolio of all work.

DIGITAL ELECTRONICS (DE)

1 Credit - Full Year Course

Prerequisite: Introduction to Engineering Design (IED), Principles of Engineering (POE)

Juniors & Seniors Only

A course of study in applied digital logic that encompasses the application of electronic circuits and devices. Students will be introduced to video games, watches, calculators, digital cameras, and hundreds of other devices. The use of digital circuitry is in virtually all aspects of our lives and increasing rapidly. This course is similar to a first semester college course and is an important course of study for a student exploring a career in engineering or engineering technology. Students are required to develop a professional portfolio of all work.

CIVIL ENGINEERING AND ARCHITECTURE (CEA)

1 Credit - Full Year Course

Prerequisite: Introduction to Engineering Design (IED)

Principles of Engineering (POE)

Juniors & Seniors Only

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: The Roles of Civil Engineers and Architects

Project Planning

Site Planning

Building Design

Project Documentation and Presentation

Students are required to develop a professional portfolio of all work.

ENGINEERING DESIGN AND DEVELOPMENT (EDD)

1 Credit - Full Year Course

Prerequisite: Introduction to Engineering Design (IED), Principles of Engineering (POE),
Digital Electronics (DE), or Civil Engineering and Architecture (CEA)

Seniors Only

An engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year. Students are required to develop a professional portfolio of all work.

ENGINEERING TECHNOLOGY & PROJECT LEAD THE WAY SEQUENCES

MAJOR PROJECT LEAD THE WAY SEQUENCE

Three credit sequence:

1 credit PLTW -- Introduction to Engineering Design (IED)/DDP

1 credit PLTW -- Principles of Engineering (POE)

1 credit PLTW -- Digital Electronic (DE)

****IED or POE must be passed with at least 85%**

ALTERNATE PROJECT LEAD THE WAY SEQUENCE

Three credit sequence:

1 credit PLTW -- Introduction to Engineering Design (IED)/DDP

1 credit PLTW -- Principles of Engineering (POE)

**** Not necessary to pass either with 85%**

Additional 1 credit earned by the following pair of courses

Materials Processing and Manufacturing Systems

TRADITIONAL ENGINEERING TECHNOLOGY SEQUENCE

1 Credit - Career and Financial Management

1 Credit - Foundation course - Design and Drawing for Production

1/2 Credit - Systems course - Construction, Manufacturing, Transportation

1/2 Credit - Elective course - Land Transportation, Residential Structures

ENGINEERING TECHNOLOGY

1 Credit - Full Year Course

Engineering Technology can help students meet their career goals. Many of the highest paying jobs in the future will require technological knowledge and ability.

Today's Engineering Technology programs are for hands-on, Math and Science oriented people, those with interest in testing, evaluation, routine design, manufacturing, production, service, maintenance and distribution and sales. In our program, students

develop **critical thinking skills** along with **transferable skills** that will allow them to be lifelong learners.

AUTOMOTIVE TECHNOLOGY

1 Credit - Full Year Course

Prerequisite: Successful completion of the Transportation Systems and Land Transportation courses, entering the junior year, and have instructor's approval.

Automotive Technology is a course designed for students who wish to continue their studies in the area of transportation technology. Those who elect to take this course will acquire and practice many of the skills required of entry level automotive technicians. Skills such as tire and brake service, starting and charging system service, battery testing and service, suspension repairs, and computerized system diagnosis are a few of the areas covered in the course.

Learning experiences will involve the use of textbook materials, professional manuals and service guides, lecture/demonstrations, field trips, and in-class presentations by professional service technicians.

Students who achieve a grade of B or better in this class, maintain a high level of attendance and are approved by the instructor, may be eligible to participate in a work experience project during their senior year. Students selected for this project will work with local automotive technicians, gaining on-the-job experience and exposure to future employment opportunities.

COMPUTER-AIDED DRAFTING 1 (CAD 1)

1/2 Credit - Half Year Course

Prerequisite: IED/DDP

Computer-Aided Drafting is the modern tool used to create mechanical and technical drawings. Students will learn to use the latest CAD software and develop drafting skills. Students will learn to draw isometric and geometric drawings, pattern developments in those drawings. Students will learn proper drawing layout, spacing and dimensioning practices. Student drawings will be plotted to be included in a professional portfolio.

COMPUTER-AIDED DRAFTING 2 (CAD 2)

1/2 Credit - Half Year Course

Prerequisite: **Completion of CAD 1 with a passing grade**

This course is an extension of CAD 1 with an emphasis on more complex principles and drawings. Areas that will be highlighted will include: Mechanical CAD and Dimensioning, Electrical CAD, Architectural CAD, Civil Planning, Pipe Layout, and Threads & Fasteners. Student drawings will be plotted to be included in a professional portfolio.

DESIGN AND DRAWING FOR PRODUCTION*

1 Credit - Full Year Course

In Design and Drawing for Production students will study the design process as it applies to mass produced items. Students will design and then create working drawings of objects for production. In the production stage, students will create assembly lines and prototype solutions. Students will follow design activity briefs to solve practical, real life problems.

** This course may be used to meet the Fine Art graduation requirement with a 3-credit technical sequence.*

TRANSPORTATION SYSTEMS

1/2 Credit - Half Year Course

Students will study a variety of transportation vehicles such as the automobile, aircraft, watercraft, and spacecraft - how they work and how they are used. Each vehicle operates within a system that includes travel routes as well as support and maintenance services. Many career opportunities exist as a result of our transportation technologies, and those will be studied as well.

LAND TRANSPORTATION

1/2 Credit - Half Year Course

Land Transportation offers the opportunity to deepen your knowledge in this area with emphasis on the automobile as a land transportation vehicle. Most people will own some form of vehicle for transportation or recreation. It will probably be a car, and it will be one of the biggest consumer purchases they make. This class gives students the knowledge necessary to make wise choices when making this purchase, then, to care for and maintain the vehicle to protect their investment.

Activities are designed to teach students how to perform many simple maintenance and repair procedures themselves, select the best products for the money, and know when to call on a professional when the job is to complicated.

MATERIALS PROCESSING

1/2 Credit - Half Year Course

Prerequisite: Design and Drawing for Production (DDP) or
Introduction to Engineering Design (IED)

This course provides a broad, generic view of the way humans convert materials into useful goods and services. The focus of the course is on processing a variety of material such as wood, metal, plastics, ceramics and composites through techniques of forming, separating, combining, and conditioning.

MANUFACTURING SYSTEMS

1/2 Credit - Half Year Course

Prerequisite: Design and Drawing for Production (DDP) or
Introduction to Engineering Design (IED) **and Materials Processing**

***This course should only be taken after successfully completing DDP, IED and Materials Processing.**

This course provides instruction in the manufacturing aspects of production. It is organized around five topics that correlate very closely to the universal systems model: manufacturing inputs, resources, processes, outputs, and control. Students also study the history of manufacturing, material sources and conversion, tools and machines, manufacturing processes, and social environmental impacts.

ENGLISH

NYS Common Core Standards:

1. Reading informational texts for key ideas and details.
2. Reading literature for craft and structure.
3. Writing different text types. (There is an emphasis on evidence-based writing.)
4. Writing for different purposes.
5. Speaking and listening for comprehension and collaboration.
6. Language knowledge and usage.

Every student must earn four credits in English. All students must pass the Common Core examination in English.

HONORS ENGLISH 9

1 Credit - Full Year Course

This course provides an in-depth concentration of the classics including poetry, novels, short stories, and drama. This course includes many independent and group projects to demonstrate the students' understanding of the course material. The course centers around student driven and student developed discussions. There will be extensive analysis of literary elements and critical writing. This is a fast paced course that should only be considered by the advanced, self-motivated student with superior skills and a strong interest in literature.

ENGLISH 9

1 Credit - Full Year Course

This course focuses on the enjoyment and understanding of literature including the short story, the novel, drama, poetry, and non-fiction by a variety of authors. In addition to composition, grammar, vocabulary and spelling, the step-by-step process in preparing the research paper is taught. Students entering this course should have solid skills in reading and writing, for these two areas form the core of the class.

HONORS ENGLISH 10 (English Literature)

1 Credit - Full Year Course

From Beowulf to Churchill, English literature teams with thoughtful and thought-provoking selections to be encountered by the student with exceptional skills in analytical writing and reading. The student will journey to Canterbury with Chaucer, brood on life and death with Shakespeare, fear for the lives of Dickens' characters, and face the universal themes of cultural changes in all of literature.

Students will participate in such diverse activities as delving into the lives and works of the great English and European writers through research papers and other activities that intertwine with their Global Studies course. The result of this extensive reading, discussion, and writing will be an appreciation of ideas and the written word as a powerful tool in our world.

ENGLISH 10

1 Credit - Full Year Course

This is a course that studies informational texts and literature for analysis of key ideas and details. There is an emphasis on reading, writing, speaking, and listening. Work on the conventions of standard written English is provided, and research/inquiry work is stressed. This course also includes debate and argument writing. Students collaborate for information and understanding.

AP LANGUAGE AND COMPOSITION (HONORS ENGLISH 11)

1 Credit - Full Year Course

This is a course in rhetorical analysis that serves as an introduction to college-level writing and critical thinking skills. A large focus is using textual evidence to formulate well-organized arguments. Readings will reflect fiction and non-fiction pieces. The overarching theme is that reading helps us because thoughtful, informed citizens, and writing takes on many forms and purposes. Students will take the Common Core ELA Regents in January and culminates with the AP exam in May. This course will help students who are preparing for the English Regents and the SAT.

ENGLISH 11 (American Literature)

1 Credit - Full Year Course

In this course students will trace the development and themes of American literature and discover that, in picturing the American scene, mirroring the American way of life, voicing American ideals and aspirations, it has become a distinctive body of literature with its own unique qualities. Interwoven with reading the literature of this growing and expanding country, the student will develop other language skills, such as writing, speaking, and listening.

In addition, this course combines a study of basic principles and techniques of expository writing, creative writing, and literary criticism. Selected pieces of literature will be analyzed as examples of various writing techniques, modes of discourse, and forms of creative writing. Frequent writing assignments, including a research paper, will be required. This course will help students who are preparing for the English Regents and the SAT.

AP LITERATURE AND COMPOSITION (HONORS ENGLISH 12)

1 Credit - Full Year Course

This course is designed to meet the requirements set forth in the AP English Course Description published by the College Board. Organized by literary genre, as well as along broad thematic lines, the individual works, thematic focus, and essential questions will vary from year to year. Throughout the course, students will develop and practice skills in close reading, building comprehension, and interpreting and evaluating literature from several time periods through a number of critical approaches. Students will also develop the academic writing skills necessary for success on the AP Examination in May and in their future college coursework.

ENGLISH 12

1 Credit - Full Year Course

This course is designed for students who wish to be well prepared for college. The course emphasizes development of the writing and critical reading skills expected at the college level. Intensive practice in writing college application essays start the year, followed by a study of myth, legend, folk tale and classic literature with a particular focus on transformation and the hero's journey. Students will maintain a journal focused on self-examination, reflection and a dedication to growth as writers.

SURVEY OF ENGLISH

1 Credit- Full Year Course

This course will help provide students with the communication, writing and comprehension skills necessary for success in both college and the public sector. The course will explore world literature, the job application process, resumes, and cover letters, creative writing and various forms of the written and spoken word. The course will also focus on interviewing and public speaking skills. This course is designed to help prepare seniors for their chosen future endeavors.

M A T H E M A T I C S

NYS Standards:

1. Students use mathematical reasoning to analyze mathematical situations, make conjectures, gather evidence, and construct an argument.
2. Students use number sense and numeration to develop an understanding of the multiple uses of numbers in the real world.
3. Students use mathematical operations and relationships among them to understand mathematics.
4. Students use mathematical modeling/multiple representation to provide a means of presenting, interpreting, communicating, and connecting mathematical information and relationships.
5. Students use measurement in both metric and English measure to provide a major link between the abstractions of mathematics and the real world in order to describe and compare objects and data.
6. Students use ideas of uncertainty to illustrate that mathematics involves more than exactness when dealing with everyday situations.
7. Students use patterns and functions to develop mathematical power, appreciate the true beauty of mathematics, and construct generalizations that describe patterns simply and efficiently.

All students must earn three credits in mathematics.

All students must pass a Common Core Math exam

ALGEBRA I

1 Credit - Full Year Course

This course is designed to provide a foundational understanding of the fundamental principles of algebra. The curriculum will also introduce students to a variety of additional mathematical topics such as functions and statistics. The Common Core Algebra 1 Regents exam is the final examination for this course.

INTRODUCTION TO GEOMETRY

1 Credit – Full Year Course

This course is designed to provide a general understanding of geometry with extra time given to building a solid mathematical foundation in geometric concepts. Additional daily support will further enhance the students' algebraic skills as well. By utilizing these enhanced skills and integrating them with the new curriculum, students will build a solid knowledge base in Geometry. A local final exam is given at the end of the course.

GEOMETRY

1 Credit - Full Year Course

This course combines many of the algebraic concepts the student has previously learned with the study of geometry. Students will be taught to justify, both formally, informally, and often from a transformational view, theorems associated with Geometry. The Common Core Geometry Regents exam is the final examination for this course.

INTRODUCTION TO ALGEBRA 2

1 Credit – Full Year Course

This course is designed to strengthen and then expand algebraic skills. Additional daily support will further enhance the student's understanding of functions and variable manipulation. A local final exam is given at the end of the course.

ALGEBRA 2

1 Credit - Full Year Course

This course is designed to provide students with a solid understanding of advanced algebra. Integration of geometry, algebra, statistics, and other branches of mathematics begun in previous courses is continued and further expanded. Concepts are carefully developed using appropriate language and symbols. The graphing calculator is integrated throughout this course. The Common Core Algebra II Regents exam is the final examination for this course.

HONORS PRE-CALCULUS

1 Credit - Full Year Course

College Credit: FMCC (Math 140)

This course is designed to prepare students for Calculus by integrating, expanding, and analyzing a majority of the algebraic, geometric, and trigonometric topics to which students have been previously exposed. In addition, the curriculum includes an in-depth study of functions as well as work with linear programming and conics. A number of concepts from Calculus are introduced and the use of the graphing calculator is further expanded. A local final exam is given at the end of the course.

This course is the same as Math 140 at FMCC. Students in this course are expected to register for four (4) credit hours from FMCC. Financial aid is available.

SUPA CALCULUS (Syracuse University Project Advance Calculus)

1 Credit - Full Year Course

College Credit: SUPA (MATH 295)

The mathematical content of this program is typical of most traditional first-year calculus courses. The concepts of limit, continuity, derivative, and anti-derivative and definite integral are developed in the usual way, and are then applied to the traditional collection of functions: polynomial, rational, trigonometric, and exponential, together with their inverses, compositions, and algebraic combinations. The results are then applied to a wide variety of problems from geometry, physics, and other sciences. These include maximum and minimum problems, related rates, areas, volumes and surfaces of revolution, arc length, work, fluid pressure, velocity and acceleration, and exponential growth and decay. Curve sketching is introduced at the very beginning and emphasized throughout, as it is strongly believed that this is an important skill for any calculus student to acquire.

This course is the same as Math 295 at Syracuse University. Students in this course are expected to register for four (4) credit hours from Syracuse University. Financial aid is available.

SUPA STATISTICS (Syracuse University Project Advance Statistics)

1 Credit - Full Year Course

College Credit: SUPA (MATH 221)

MAT 221 is the first in a two-year course sequence in statistics for students in academic majors that emphasize quantitative methods. The primary objective of this course is to provide students with knowledge of elementary probability and statistics. Students will learn basic concepts of descriptive statistics, data collection, probability, and random variables in preparation for learning how to use statistics inferences, which will be covered in MAT 222.

This course is the same as Math 221 at Syracuse University. Students in this course are expected to register for four (4) credit hours from Syracuse University. Financial aid is available.

MUSIC

NYS Standards:

1. Students will actively engage in the processes that constitute creation and performance in the arts (dance, music, theatre, and visual arts) and participate in various roles in the arts.
2. Students will be knowledgeable about and make use of the materials and resources available for participation in the arts in various roles.
3. Students will respond critically to a variety of works in the arts, connecting the individual work to other works and to other aspects of human endeavor and thought.
4. Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society.

Completion of 1 credit of music fulfills the Art/Music requirement for graduation. All course are designated regents level courses.

CLASSROOM MUSIC COURSES

MUSIC IN OUR LIVES

1 Credit - Full Year Course

Topics to be covered include: Musical Styles and Periods (Baroque, Classical, Romantic and Contemporary); Music of Other Cultures; Composing and Analyzing; Performance; Electronic and Computer Music. The intent of this course is to expose the student to as many types of music as possible.

PERFORMING MUSIC COURSES

Participation at all performances is required. The ensembles may be scheduled for out-of-school performances.

OPEN CHOIR

1 Credit - Full Year Course

Enrollment in this ensemble requires no audition and is open to all students who are interested in singing in a choir. Open Choir studies and performs music representing all aspects of choral literature.

SELECT CHOIR

1 Credit - Full Year Course

Enrollment in this ensemble is competitive by audition only. The size of this ensemble will be limited by the number of interested students who are selected by the audition process. Smaller ensembles will be formed from this ensemble.

Select Choir studies and performs music of a more challenging nature which represents all aspects of choral literature.

CONCERT BAND

1 Credit - Full Year Course

Concert Band consists of instrumental musicians in grades 9 and 10 and concentrates on building skills necessary to progress to the Symphonic Band. Participation in this band is open and requires no audition.

For All Performing Groups:

All students are required to attend their small group lessons which occur on a rotating basis. These lessons are crucial to ensure each student's specific needs are met by helping them to improve their technical ability on their individual instrument/voice part. Attendance at lessons is averaged in to the student's quarterly grade. Due to the large size of the performing ensembles, small group instruction is necessary to meet the NY State and National Standards.

All students are required to perform at the two major Music Department Concerts during the school year. These are graded performances and constitute the weight of a midterm and final exam. These performances take precedence over any conflicting extra-curricular activity.

All band students are required to perform at the two Gloversville Parades held each year (Veterans' Day and Memorial Day). These are graded performances and will be averaged in the student's grade for the marking period in which they occur.

PHYSICAL EDUCATION

NYS Standards:

1. Students will have the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity and maintain personal health.
2. Students will acquire the knowledge necessary to create and maintain a safe and healthy environment.
3. Students will understand and be able to manage their personal and community resources.

Every student must pass Physical Education each marking period in which they are enrolled in school, up to 2 credits. Students who graduate in less than four years will have the physical education requirements reduced on a prorated basis.

In grades 9 & 10 students will be focusing on skill development to expose them to the fundamentals of physical activity. In grades 11 & 12 students will be more involved in actual game activities. This program will give students the opportunity to perfect certain physical skills of his or her choice.

Areas of study are:

Aerobics	Horse Shoes	Speedball
Adaptive Activities	Jogging	Swimming
Badminton	Lacrosse	Team Handball
Basketball	Physical Fitness & Testing	(International)
Bocce	Ping-Pong	Track
Dance	Snow Shoeing	Volleyball
Field Hockey	Soccer	Ultimate Sports
Flag Football	Softball	Weight Training
Floor Hockey	Speed-A-Way	Whiffle Ball

ADVANCED PHYSICAL EDUCATION

½ Credit- Half Year Course

This is an introductory course designed to teach the fundamental skills of strength training. Focusing on the five components of fitness (cardiovascular endurance, muscular endurance, strength, flexibility and body composition). Students will learn proper lifting techniques, spotting procedures, as well as gain the necessary tools to design and implement a successful weight training program. Throughout this course, students will become familiar with all the benefits of regular physical activity in addition to learning the basic physiological principles of weight lifting. This course can be used to fulfill the regular physical education requirement.

HEALTH

1/2 Credit - Half Year Course

The primary goal of this course is to give students the knowledge and skills necessary to live a healthy lifestyle. Required by New York State for graduation.

Credits Covered:

- | | |
|------------------------------------|------------------------------------|
| 1) Physical, Mental, Social Health | 5) Other Drugs |
| 2) Relationships | 6) Reproduction; HIV/AIDS |
| 3) Alcohol | 7) First AID/CPR/AED certification |
| 4) Tobacco | 8) Parenting |

Class discussion, group projects, media, technology and a variety of other methods may be used to convey the information.

SCIENCE

NYS Standards:

1. The student will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.
2. Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in science.

All students must earn three credits in science.

NOTE: Section 8.2 of the Rules of the Board of Regents states: Only those persons who have

satisfactorily met the laboratory requirements as stated in the state syllabus for a science shall be admitted to a Regents examination in such science.

LIVING ENVIRONMENT H, R

1 Credit - Full Year Course

The course consists of eight topics as listed below. The Regents examination is the final exam. Separate laboratory periods are scheduled to fulfill the laboratory requirements for this course. Additional areas of study and projects are assigned to those students enrolled in Honors Living Environment.

Honors Living Environment is open to students who have successfully completed the Earth Science Regents in 8th grade.

TOPICS

Living vs. Non-Living
Genetics and Biotechnology
Change over time
Reproduction and Development
Human Body Systems
Maintaining the Dynamic Equilibrium
Plant and Animal Interdependency
Human Environment Impact
Laboratory Skills

EARTH SCIENCE R

1 Credit - Full Year Course

This course includes a study of the forces that have molded the earth and universe, geology of the earth, chemistry and identification of minerals, interpretation of topographic maps, physics of stars and planets, and various topics in meteorology, water, climate, and environmental awareness. The Regents is the final examination. Students enrolled in Honors Earth Science must produce a series of extra individual activities throughout the year.

CHEMISTRY H, R

1 Credit - Full Year Course

Prerequisite: Algebra 1 and Geometry

Chemistry is devoted to the study of matter and the changes it undergoes. The course is designed to provide a broad and general understanding of the atom in 10 selected core areas:

1. Atomic concepts
2. Periodic Table
3. Moles/stoichiometry
4. Chemical Bonding
5. Physical Behavior of Matter
6. Kinetics/Equilibrium
7. Organic Chemistry
8. Oxidation/Reduction
9. Acids, Bases, and Salts
10. Nuclear Chemistry

It is recommended that students be enrolled in or have completed Trigonometry. The Regents examination is the final examination.

HONORS PHYSICS

1 Credit - Full Year Course

This course is designed to provide an understanding of Physics that is required for the Physics Regents examination. It is recommended that students in Honors Physics have completed Algebra and Geometry. Extra activities may include library research, development of some extra laboratory activities, and the application of some complex mathematics. The Regents examination is the final examination. *Prerequisite: Algebra, Geometry, Trigonometry (may be concurrent).*

CREDITS

Mechanics

Electricity and Magnetism

Wave Phenomena

Modern Physics

ADVANCED SCIENCE OFFERINGS

AP BIOLOGY

1 Credit - Full Year Course with Labs

The AP Biology course is designed to be the equivalent of an introductory college biology course. The course culminates in a standardized exam administered by the College Board. Colleges may accept an AP Biology exam score in lieu of Biology requirements, credit or prerequisites.

TOPICS

Biochemistry

Cells

Cellular Energies

Heredity

Molecular Genetics

Evolution Classification

Structure & Function of Plants & Animals

Ecology

To be Eligible: Students must have achieved an 80 or better on both the Living Environment and Chemistry Regents exams. Case by case easing of the above requirement will be considered with written science teacher recommendation.

SCIENTIFIC RESEARCH

1 Credit - Full Year Course (Grades 10 - 12)

The Science Research course is a three year course designed to provide students with first hand experience with the methodology of research. The course requires an individual to work independently. The student must be willing to devote the time and effort necessary to search out and study scientific information. The student must be willing to assess this information and report the findings orally and as a written report. The first assignment for the course must be completed during the summer following freshman year.

Up to 12 hours of college credit through the University in High School program at SUNY Albany can be earned after successful completion of the first year.

ANATOMY AND PHYSIOLOGY

1 Credit - Full Year Course

Human Anatomy and Physiology surveys the structure and functions of the body, an intensive study is made of each of the body systems and organs. Disorders of each system will be discussed. The level of the material to be learned requires some previous knowledge of biological systems and their development. Anatomy and Physiology provides background for students who plan to pursue careers in biology, nursing, dentistry, medicine, chiropractic's, physical therapy, physical education, and sports. Numerous Hands-on activities including dissections are used to reinforce concepts and material covered in class. This class may be used as the third science required for graduation. A school exam is administered in June.

ENVIRONMENTAL SCIENCE

1 Credit - Full Year Course

Environmental Science topics of study include ecology, biodiversity, climatic change, pollution, energy and waste management. Students will relate course materials to meaningful discussions that relate to everyday lives. This course can be used as a third credit of science which is necessary for graduation. A school exam is administered in June.

APPLIED PHYSICS

1 Credit - Full Year Course

Applied Physics is designed to present basic concepts of Physics and science investigation as listed by the National Science Foundation. Credits include Mechanics, Optics/Waves, Energy/Power and Electricity/Magnetism

APPLIED CHEMISTRY

1 Credit - Full Year Course

Applied Chemistry is designed to provide a practical, lab based (hands-on) approach to basic chemistry principles. It parallels the Regents course with less emphasis on math and more on real-life applications. Topics include:

- Physical and Chemical Properties of Matter
- Atomic Concepts
- Periodic Table
- Bonding
- Chemical Reactions
- Acids & Bases
- Organic Chemistry
- Nuclear Chemistry
- Food Chemistry
- Household and Environmental Chemistry
- Chemistry of the Human Body

DANGEROUS EARTH

½ Credit – Half Year Course (Grades 11 or 12 only)

This course is an introduction to geologic hazards and will expand on prior Earth Science knowledge. The following topics will be covered: Earth Structure and Plate Tectonics, Earthquakes, Volcanoes, Tsunamis, Landslides, Mass Wasting and Subsidence and Exceptional Weather. This course may be used to fulfill one half of the third credit of the science requirement for graduation.

METEOROLOGY

½ Credit – Half Year Course (Grades 11 or 12 only)

This course is designed to teach students inquiry skills and to pose questions about the earth's atmosphere and different meteorological phenomena. They will also learn about different weather systems, weather variables and instruments, learning how they are all interrelated. Utilizing this information, students will make basic forecasts. The course will end with a weather disasters credit which will focus on northeastern case studies. Students will learn the meteorological setups for these systems as well as safety and preparation should they encounter extreme weather in the future. This course may be use to fulfill one half of the third credit of the science requirement for graduation.

SECOND LANGUAGE

NYS Standards

1. Students will be able to use a language other than English for communication.
2. Students will develop cross-cultural skills and understandings.

Every student must earn one credit in a second language. Students who pursue a five-credit sequence in art, music or occupational education, will not be required to pursue a second language sequence, provided they substitute another three-credit sequence in place of the second language core requirement. Students who successfully complete French I, Spanish I, or Latin I and pass the final exam in Eighth Grade will earn 1 credit of High School credit.

All courses are designated Regents level courses.

The study of a second language prepares you to live with sensitivity in a crowded world, affects your competitiveness in national and world markets, aids you in preparing for lives and careers in a multi-cultural society, and fosters communication, cultural understanding, problem-solving skills, basic skills, and critical and creative thinking skills.

Requirements:

- 1) For a Regents Diploma: You are required to earn one high school credit in second language. High School credit may be earned in 8th grade by passing the language I course and the final exam.
- 2) For an Advanced Designate Regents Diploma: You are required to have 3 credits of high school credit in ONE language and successfully complete the second language comprehensive exam at the end of the third year. Also available in the 4th and 5th year is the opportunity to earn 4 college credits each year by participating in the "University in the High School" Program, sponsored by SUNY Albany. Level 4 and 5 classes include the expanded student use of technology. Most 4 year colleges require two language courses

SPANISH 2

1 Unit - Full Year Course

Prerequisite: Spanish 9 or Spanish 1 (completed in 8th grade)

Students will continue to develop proficiency in speaking, listening, reading and writing Spanish on the same topics as in 1st year, but in more depth, for the purpose of socializing, providing and obtaining information, expressing feelings and convincing someone to take an action. Students will be able to comprehend short conversations; to understand simple narrative and descriptive authentic materials within a familiar context; to write simple notes, letters and short reports, all within limited vocabulary and structures appropriate to this level; and to develop an understanding of Hispanic culture as a system of values and how these values are related to the student's culture as well as to the Hispanic culture.

SPANISH 3

1 Credit - Full Year Course

Prerequisite: Spanish 2

In Spanish 3 students continue with the development of proficiency in speaking, listening, reading and writing as they did in Spanish 2. Additional vocabulary and grammar structures will be studied and used to expand on your proficiencies. At the end of this course students will take the Regents Comprehensive Exam in Spanish. Passing the exam and the course will satisfy the requirement for a Regents diploma.

HONORS SPANISH 4

1 Credit - Full Year Course

College Credit: University in the High School

Prerequisite: Spanish 3

Students will further develop proficiency in speaking, listening, reading and writing Spanish to understand the essential points of discussions or presentations on familiar topics; to handle most communicative situations with confidence; to read excerpts from literature for pleasure; to compose unified and organized texts on everyday topics with sufficient vocabulary to express themselves simply; to show understanding of and a general appreciation for the culture of the Spanish-speaking peoples.

The successful completion of this course, along with having passed the Regents in Spanish 3R, qualifies students for a 3-credit major sequence in Spanish.

Students may choose to participate in the "University in the High School" Program from SUNY, of Albany and receive 4 college credits for this course. A college fee of approximately \$140 is required. Financial assistance is available to anyone who qualifies, reduces the fee to approximately \$70.

HONORS SPANISH 5

1 Credit - Full Year Course

College Credit: University in the High School

Prerequisite: Spanish 4

Honors Spanish 5 is a course that will give students a 5-credit sequence in Spanish. Students will continue the development of proficiently speaking, listening, reading and writing Spanish on the same topics studied in Spanish 4. Students will expand on their awareness of the Hispanic culture. Students will be required to write approximately ten, one-page papers based on given cultural topics. Several oral presentations will be required. Grammar topics of particular difficulty to English speakers will be reviewed and perfected. Students may wish to participate in the "University in the High School" Program from SUNY Albany and receive 4 college credits for the course. A college fee of approximately \$140 is required. Financial assistance is available to anyone who qualifies, reduces the fee to approximately \$70.

LATIN 1

1 Credit - Full Year Course (offered at GMS only)

In this introductory course to the Latin language, students will be studying an ancient language upon which many modern languages are based. Included in the course are lessons in the grammar of the language, translation of short passages dealing with the Romans and their history, and mythology. Students will also do a great deal of work in vocabulary and the origins of many English words. They will study about the life and manner of living of the ancient Romans, who surprisingly, were much like modern Americans. Though Latin is no longer spoken, the ideas and contributions of the Romans are very much alive today.

LATIN 2

1 Credit - Full Year Course

Prerequisite: Latin 1

In Latin 2, students pick up where they left off in Latin 1. Students will be introduced to more involved grammatical constructions, word study, and reading comprehension. Included in the course is an emphasis on synonyms, antonyms, root word study and derivation work. Students will read in Latin excerpts from such works as the 12 Labors of Hercules. The Odyssey (voyage of the Greek warrior Ulysses), and Jason and the Argonauts (the quest for the golden fleece). In addition, numerous short works of representative Roman authors will be studied.

LATIN 3

1 Credit – Full Year Course

Prerequisite: Latin 2

Having completed two years of Latin, students are now prepared to translate the masters of Latin literature. The course will include very few new grammatical constructions, but more advanced vocabulary will be studied, with a continuing emphasis on word study and derivations. Such authors as Julius Caesar, Marcus Cicero and Gaius Pliny will be studied in depth. Basic principles of military strategy, legal procedures, and philosophy of the ancient Romans will be extensively discussed.

At the end of this course, students will take a local final exam in Latin. Passing the exam and the course, will satisfy the language requirement for an Advanced Designation diploma.

HONORS LATIN 4

1 Credit - Full Year Course

College credit: University in the High School

Prerequisite: Latin 3

The course is based entirely on the Roman poet, Vergil's epic tale: The Aeneid. Included in the course of study is the background of the epic and its subsequent development after Vergil. Poetic and rhetorical forms are introduced, meter is studied, and dramatic reading aloud is practiced. Students will study the legendary origins of Rome, and mythology and history of Rome from its beginning to the time of the emperor Augustus. Written projects are required throughout the course.

The successful completion of this course, along with having passed the Regents in Latin 3, qualifies students for a 3-credit major sequence in Latin.

Students may choose to participate in the "University in the High School" Program from SUNY, of Albany and receive 4 college credits for the course. A college fee of approximately \$140 is required. Financial assistance is available to anyone who qualifies, reduces the fee to approximately \$70.

HONORS LATIN 5

1 Credit - Full Year Course

College credit: University in the High School

Prerequisite: Latin 4

Honors Latin 5 is the fifth credit in the Latin sequence. This is a classical literary survey course. Authors to be studied in Latin and English include Ovid, Catullus, Horace, Martial, Pliny, Virgil, Dante, et al. Some Greek Drama and its influence on Latin literature will be studied as well. Written and oral projects are required. A comparison study will be done relating classical authors to authors of the 18th, 19th, and 20th centuries. Homer's Iliad will be assigned as outside reading and monthly seminar discussions will be held.

Students may choose to participate in the "University in the High School" Program from SUNY, of Albany and receive 4 college credits for the course. A college fee of approximately \$140 is required. Financial assistance is available to anyone who qualifies, reduces the fee to approximately \$70.

SOCIAL STUDIES

NYS Standards:

1. Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in the history of the Credited States and New York.
2. Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in world history and examine the broad sweep of history from a variety of perspectives.
3. Students will use a variety of intellectual skills to demonstrate their understanding of the geography of the interdependent world in which we live - local, national, and global-including the distribution of people, places, and environments over the Earth's surface.
4. Students will use a variety of intellectual skills to demonstrate their understanding of how the Credited States and other societies develop economic systems and associated institutions to allocate scarce resources, how major decision-making credits function in the Credited States and other national economies, and how an economy solves the scarcity problem through market and nonmarket mechanisms.
5. Students will use a variety of intellectual skills to demonstrate their understanding of the necessity for establishing governments; the governmental system of the Credited States and other nations; the Credited States Constitution; the basic civic values of American constitutional democracy; and the roles, rights, and responsibilities of citizenship, including avenues of participation.

Every student must earn four credits in Social Studies.

GLOBAL HISTORY & GEOGRAPHY 9H, 9; 10H, 10

1 Credit per year - Full Year Course Each Year

(This is a **two-year program** culminating in a Regents exam in June of 10th grade.)

This program is a survey course in World History, focusing on the five social studies standards, the 15 common themes that recur across time and place, and eight historical eras. The purpose of this two-year program is to present and explain the development of global beliefs; and the evolution of political, economic, & social systems, within our diverse and interdependent world. As a unique, two-year program, students are required to do extensive reading, note taking, and to have serious organizational skills.

- Grade 9 - Prehistory to approx. 1750
- Grade 10 - approximately 1750 to the Present

The New York State Regents Examination in Global History will be given at the end of 10th grade. The test requires that students have a demonstrated ability in writing. It will include Thematic Essays, Document Based Questions, and critical thinking/interpretive tasks, as well as, traditional multiple choice answering. NOTE: The new exam is 1/2 written response.

UNITED STATES HISTORY AND GOVERNMENT - GRADE 11

1 Credit - Full Year Course

The 11th grade course in the United States history will place emphasis on:

1. The major historical events and people who contribute to our cultural heritage.
2. The Constitution and its principles as a persistent theme in the historical development of the American nation and peoples.
3. Technical developments and their impact on the United States and its economic and social well being.
4. The impact of various waves of immigration and internal migration have had upon the development of cultural diversity

- and unity in the United States.
5. An understanding of the workings of the national government through historical applications.
 6. The deeply-rooted democratic values of United States society and how they have changed over time.
 7. The important role which the United States plays in world affairs and how this role has expanded over time.
 8. The relation between events, ideas, and the formation of public policy in the United States.

The U.S. History and Government History Regents Examination will be given as the final examination in this course.

AP AMERICAN HISTORY (Grade 11 Honors)

1 Credit - Full Year Course

The purpose of this course is to provide students with a learning experience equivalent to a college introductory American history course. Students will be given the opportunity to challenge the Advanced Placement exam in May. The course will deal with the following topics:

Early America - American Revolution
America as a New Nation
Jacksonian Era
Continental Expansion and National Development
Civil War and Reconstruction
Age of Enterprise
Domestic and Foreign Affairs in the Progressive Era
America between the Wars
World War II and Postwar Politics
Modern Political, Economic and Social Issues

**** To take this course, it is strongly recommended that students should have received a grade of at least 90 on the Global History and Geography Regents examination at the end of 10th grade.

SOCIAL STUDIES 12 - **Students** must take either Economics or SUPA Economics, and Participation in Gov't, or SUPA Public Affairs to meet the 12th grade Social Studies requirements.

ECONOMICS - GRADE 12

1/2 Credit - Half Year Course

Students in the study of economics will have an understanding of:

1. Basic economic concepts such as scarcity, supply and demand, markets, productivity, opportunity cost, specialization, productive resources, interdependence, growth and economic systems.
2. The economic system of the Credited States and how it operates.
3. The roles of various components of the American Economic system.
4. His/her role in the economic system as consumer, worker, inventor, and/or voting citizens.
5. The interdependence of the world's economics today.
6. The political and social impact of economic decisions and the impact of economics on political and social decisions.
7. Basic differences between different types of economic systems and their operations.

PARTICIPATION IN GOVERNMENT - GRADE 12

1/2 Credit - Half Year Course

This course makes the assumption that students will have an understanding of the basic structures, functions, and operations of the American Government to enable them to apply both the principles and practices of Government in a program which calls upon them to be participants in the process of public policy formation and action. Attendance at two public meetings are required for this course.

SUPA ECONOMICS (Syracuse University Project Advance) (honors elective)

1/2 Credit - Half Year Course

College Credit: SUPA

The goals of this course are to introduce students to the ideas that form the foundation of modern western (Neoclassical) economic thought, to examine the basic framework (the model) that economists have built on this foundation, and to show how this model is applied to current issues facing individuals and society.

The course begins with a presentation of the scientific method, which is then used to analyze the question: How do individuals and societies make choices when they are faced with scarcity? Beginning with the individual in the simplest of situations, a one-person society, the course moves step by step to develop a model of a complex society based on division of labor and exchange through markets. The process takes students from the microeconomics to the macro-economics level, emphasizing the connection between these two perspectives. Students examine the benefits, as well as the problems, inherent in a market-oriented economy. The course prepares students to analyze and understand the on-going economic policy debate between interventionists and non-interventionists.

This course is the same as Economics 203 at Syracuse University. Students in this course are expected to register for three (3) credit hours from Syracuse University. Financial aid is available.

SUPA PUBLIC AFFAIRS (Syracuse University Project Advance) (honors elective)

1/2 Credit - Half Year Course

College Credit : SUPA

Public Affairs 101, Introduction to the Analysis of Public Policy, is designed to provide students with basic research, communications, and decision-making skills used in public policy analysis. In addition, students are required to read and analyze articles in various news sources on local, state, and international public policy issues. The student, with instructor's approval, determines which public policy issues are chosen for study throughout the semester. The content coverage of the course, while important, is secondary to the development of a range of applied social science skills that will help the student make more informed choices as a citizen, worker, and consumer.

This course is the same as Public Affairs 101 at Syracuse University. Students in this course are expected to register for three (3) credit hours from Syracuse University. Financial aid is available.

SUPA SOCIOLOGY (Syracuse University Project Advance) (honors elective)

1/2 Credit - Half Year Course

College Credit: SUPA

This introductory course in sociology uses recent journal articles from professional social science journals to examine issues of society. After an introductory credit on basic concepts of sociology, students examine credits on social research, culture and groups, media, identity, social inequalities, and social changes.

Students will be expected to have the ability to read college-level content, and produce high-level work in this writing-intensive course.

This course is the same as Sociology 101 at Syracuse University. Students in this course are expected to register for three (3) credit hours from Syracuse University at a cost of approximately \$110 per credit hour. Financial aid is available.

SUPA PERSONAL FINANCE (Syracuse University Project Advance) (honors elective)

1/2 Credit - Half Year Course

College Credit: SUPA

This course covers essential aspects of consumer personal finance, including record keeping, budgeting, banking, borrowing, investing, insurance, taxes and retirement planning. Students will learn important institutional facts about different types of bank deposits; mutual funds; bonds, including US Savings Bonds; stocks; loans, including credit cards and fixed and adjustable rate mortgages; retirement accounts, such as Individual Retirement Accounts and 401(k) plans; tax deductions and credits; and insurance.

Coverage of this important institutional personal finance material will be framed within basic fundamentals of economic analysis. Coverage and application of key economic tools and concepts will include income versus wealth, tradeoffs, the role of time in choice (e.g. discounting and discount rates, present value) the role of risk in choice (unknown future, probability), liquidity, credit risk, market risk, interest/rate of return, actual and expected inflation, real rates of interest, and compounding. This conceptual basis gives students a framework for evaluating and applying to their financial planning new innovations or changes in financial products over time. Overall, the course helps to provide a foundation for students to make reasoned choices with regard to financial decisions over their professional and personal lives.

This course is the same as Finance 200 at Syracuse University. Students in this course are expected to register for three (3) credit hours from Syracuse University at a cost of approximately \$110 per credit hour. Financial aid is available.

SPECIAL EDUCATION

The Gloversville Enlarged School District is responsible for providing special education services to all resident students who qualify for such supports. These services are coordinated by the district's Committee on Special Education. Students who are identified by the Committee on Special Education are eligible for special education services. Each student's program is detailed by an Individualized Education Program (IEP) and is reviewed annually to meet each student's individual needs. Parents, as well as staff members, have the right to request a meeting to review a student's needs at any given time. Before referring a student to the Committee on Special Education, there must be documented data indicating the student has received appropriate instruction and intensive intervention to re-mediate deficit areas. Once remediation has been provided through the Response to Intervention model (RTI) and reviewed by the School Based Support team, a student suspected of having a disability, may be referred can be made to the Committee on Special Education. A continuum of Special Education services are offered based upon the student's need. The continuum of services begin with least restrictive and move toward more restrictive services.

HAMILTON • FULTON • MONTGOMERY CAREER EDUCATION CENTER (formerly known as VOTEC)

The purpose of career education is to provide learning experiences in which all students become aware of a broad spectrum of careers and develop skills that are adaptable to personal and career goals. Career education offers students the opportunity to develop the skills necessary for employment in specific career areas, helping prepare students for life as productive members of society.

All courses are designated regular education level courses unless otherwise indicated. Students who wish to attend the Career Education Center must have the appropriate number of credits to be at the grade level necessary for the particular program.

Morning Session (year 1): Periods 1.2-3.1
Afternoon Session (year 2): Periods 3.2-4

Career Education Center course offerings are:

AUTO BODY REPAIR
AUTO TECHNOLOGY
CAREERS IN EDUCATION
COMPUTER INFORMATION TECHNOLOGY AND NETWORKING
CONSTRUCTION TECHNOLOGY
COSMETOLOGY
CRIMINAL JUSTICE
CULINARY ARTS
DIGITAL MULTIMEDIA & COMMUNICATIONS
ENVIRONMENTAL CONSERVATION
EQUINE SCIENCE
FOUNDATIONS OF FOOD SERVICES
MEDICAL ASSISTING
NEW VISIONS HEALTH CAREERS
VETERINARY AND ANIMAL SCIENCE

AUTO BODY REPAIR - Students repair and refinish damaged vehicles. They also learn how to calculate repair costs, establish estimates, and use high-tech welding methods. Plastic repair and painting techniques are emphasized.

AUTO TECHNOLOGY - Using high-tech equipment, students learn all aspects of the automobile, as well as the service and repair industry. Students have the opportunity to become ASE (Automotive Service Excellency) certified.

CAREERS IN EDUCATION - This two-year program is intended to provide a beneficial transition from high school to college-level programs, leading to licensing/certification in the field of education.

COMPUTER INFORMATION TECHNOLOGY AND NETWORKING - This program includes two programs IT Essentials (junior year) and CISCO Certified Network Associate (senior year).

CONSTRUCTION TECHNOLOGY - Students learn safety, blueprint reading, site preparation, foundations, framing, brick laying and electrical wiring. Graduates go directly to work making \$12-\$23/hr!!

COSMETOLOGY - This 1000-hour course includes hair styling and cutting. Nail and skin care is also a part of this program which can lead to the NYS board certification exam.

CRIMINAL JUSTICE - Preparation for entry into college criminal justice or security management programs as well as career opportunities in law enforcement, public /private security and the correction field.

CULINARY ARTS - Curriculum includes preparation of entrees, salads, soups, sauces and operation of the Le Petit Cafe. Also included is quantity food preparation and service.

DIGITAL MULTIMEDIA AND COMMUNICATIONS - Students learn the principles of graphic production.

ENVIRONMENTAL CONSERVATION - Program includes forestry and natural resources, surveying, operation of heavy equipment and developing an understanding of environmental science issues.

EQUINE SCIENCE - Introduces students to all aspects of the equine world. Everyday care, nutrition, animal systems, breeding, equipment, and riding are included in the curriculum.

FOUNDATIONS OF FOOD SERVICES - Basic, entry level skills ideal for the fast food industry, institutional settings and supermarkets are taught in this class.

MEDICAL ASSISTING - Students gain academic and clinical experience and learn medical office administrative procedures.

NEW VISIONS HEALTH CAREERS - Designed for students interested in professional health career occupations. This course is based upon an "inside look" at Nathan Littauer Hospital in Gloversville.

VETERINARY AND ANIMAL SCIENCE- This science-based program teaches skills in areas such as animal handling, anatomy and physiology, grooming, pet first aid, health and disease, clinical practices, veterinary terminology, and safety and sanitation.

DISTANCE LEARNING

The following courses may be offered over the Distance Learning Network. The availability of these courses may be limited by the host school's schedule and class size limitations. The counselors will distribute information on additional courses as the information becomes available.

AP EUROPEAN HISTORY

1 Credit - Full Year Course

Prerequisite: Successful completion of Global Studies I and II must be in good academic standing as determined by the home school district.

Will study the history of Europe from the fall of the Roman Empire to the modern period.

AP PSYCHOLOGY

1 Credit - Full Year Course

Prerequisite: Junior or Senior in good academic standing as determined by the home school district.

Students will be exposed to the various psychological theories and their applications through readings, videos, and class participation. Students will arrive at a set definition of psychology and how it effects society and ourselves. Students will be able to demonstrate competence through classroom examinations and mastery on the Advanced Placement Exam.

AP STATISTICS

1 Credit - Full Year Course

Prerequisite: Successful completion of Math B and must be in good academic standing as determined by the home school district.

This course is equivalent to an introductory college-level course typically taught in one college semester. The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will explore data by observing patterns, plan a study deciding how and what to measure, anticipate patterns and produce models using probability and simulation and use statistical inference to confirm models.

ADDITIONAL SUPPORT SERVICES

Academic Labs- Students do not have the option to select a lab as a course of study. These classes are designed to help students obtain the skills needed to pass required classes. Lab is required of all students who do not meet the minimum academic requirements in English and Mathematics. Students who do not score at or above the proficiency level on 8th grade statewide assessments and/or students who are recommended by teachers will be scheduled to take a Lab.

Academic Intervention Services (AIS) Non Credit Bearing course- Students do not have the option to select A.I.S. as a course of study. These classes are designed to help students obtain the skills needed to pass required Regents exams. A.I.S.

is required of all students who do not meet the minimum academic requirements in English, Mathematics, Science, and Social Studies. Students who do not pass a required Regents examination will be scheduled to take A.I.S.

Child Study Team- This team consists of the Social Worker, School Psychologist, Behavioral Specialist, Nurse, Community Educator, School Counselors, and Teachers. Students are referred by teachers or parents to have their academic history reviewed to see if accommodations need to be implemented or additional supports put in place for a student.