Geneseo Senior High School Mission Statement

Geneseo High School is committed to helping all students develop their full potential and to prepare them to be independent, productive, and responsible citizens by offering an academic and extra-curricular program that meets the needs of all students and by providing an environment conducive to learning.

GRADUATION REQUIREMENTS FOR GENESEO SENIOR HIGH SCHOOL

42 credits are required for graduation.

Each semester every student must enroll in a minimum of 6 academic subjects, including physical education. Exception: Students who are enrolled in COOP or STEP must enroll in a minimum of 5 academic subjects, including physical education. Tutorial does not count as one of these 6 subjects.

Marching Band participants, grades 10 through 12, are eligible for a first semester waiver from physical education. The sports P.E. waiver can only be used by Junior and Senior students. Students with a semester P.E. waiver are required to enroll in a minimum of 6 credits during that semester. Freshmen and Sophomores are NOT ELIGIBLE for the P.E. waiver.

DEFINITION OF TERMS

Academic Subjects: All courses are academic subjects, with the exception of study hall, freshman academy study hall, sophomore academy study hall and tutorial.

Credit: Credit is the numerical designation assigned for passing a course. The amount of credit is listed with each course in the course listing section of each department.

Elective: An elective is a subject not required for graduation. This may be advanced study in a required subject area or exploratory courses in a variety of departments.

Prerequisite: A prerequisite is a course taken, or grade level achieved, before a student is able to take a particular course. (i.e., Spanish I must be completed before Spanish II; a student must be a junior or senior before taking a certain course)

Required Course: A required course is any course necessary to meet specific requirements set for graduation by the State of Illinois and the Geneseo Board of Education.

REQUIRED COURSES FOR GRADUATION

Each pupil entering high school must, in addition to electives, successfully complete the following:

7 semesters	English
1 semester	Speech 10
4 semesters	Science
6 semesters	Mathematics
4 semesters	Social Studies--U.S. History (2 semesters), U.S. Government (1 semester), Social Studies elective (1 semester). Both the U.S. and Illinois Constitution tests must be passed in U.S. Government.
2 semesters	Music, Art, Foreign Language, Vocational Education (one full year or any combination of two semesters will satisfy the requirement).
1 semester	Health
7 semesters	Physical Education
1 or 2 semesters	Consumer Education (see selections below):

Business Management /Entrepreneurship (*1 semester*) — Economics (*1 semester*)
Cons Econ/Family Resource Management (*1 semester*) — Interior Design (*1 semester*)
Family & Career Relationships (Mang Lifestyles) (*1 semester*) — Cooperative Education (*2 semesters*)
AP Microeconomics (1 semester) — AP Macroeconomics (1 semester)

Special Education (Consumer Education Electives)
Workplace Experience (STEP) (*2 semesters*) — Career Preparation (*2 semesters*)
Employability Skills (*2 semesters*) — Family Living (*2 semesters*)

COURSE OFFERINGS

ENGLISH
Language Arts I (English 9)
Literature I Enriched (English 9 Honors)
Public Speaking (English 10 Speech)
Composition II (English 10)
Literature II Enriched (English 10 Honors)
Language Arts III (Literature Survey I)
Language Arts IV (Literature Survey II)
AP English Language and Composition
AP English Literature and Composition
*English 101 - Composition I
*English 102 - Composition II
Advanced Speech
Creative Writing
Introduction to Communications (Media Lit)
American Literature/History (Humanities)

MATHEMATICS
Algebra I
Algebra I Part 1 (Alg IA)
Algebra I Part 2 (Alg IB)
Algebra II
Informal Geometry(PlaneGeometry)
Geometry
Transition Algebra (Math 081/090)
Math Analysis/Trig (Pre-Calculus)
Pre-Calculus Advanced Studies - (Quality Core)
AP Calculus AB
AP Calculus BC
Probability and Statistics

SCIENCE
Earth Science
Environmental Science
Biology
Biology Advanced Studies - (Quality Core)
Anatomy and Physiology
AP Biology
Chemistry
Chemistry Advanced Studies - (Quality Core)
AP Chemistry
Physics
AP Physics B
AP Physics C

SOCIAL STUDIES
World History Enriched
Ancient Civilizations (World History before1350)
Western Civilization (World History from 1350)
Contemporary World Issues (World Problems)
U.S. History Enriched
U.S. History
AP U.S. History
U.S. Government
AP U.S. Government/Politics
Economics
Sociology
Humanities

FOREIGN LANGUAGE

French I	**Spanish I**
French II	**Spanish II**
French III	**Spanish III**
French IV	**Spanish IV**
AP French	**AP Spanish**

BUSINESS AND TECHNOLOGY
Computer Concepts & Software Applications
Accounting I
Web Page and Interactive Media Development
Business Law
Business Management /Entrepreneurship
Cons Econ/Family Resource Management
Cooperative Education
AP Microeconomics
AP Macroeconomics

FAMILY AND CONSUMER SCIENCES
Intro to Family & Consumer Science with Textiles and Design I
Culinary Occupations I (Foods I)
Nutrition and Culinary Arts I (Foods II)
Interior Design
Child Development
Parenting
Family & Career Relationships(Mang Lifestyles)
Cooperative Education
***Certified Nursing Assistant Early Bird - NA 100 Extended Health Occupations**

AGRICULTURE
Intro. to Agriculture Industry
Agribusiness Management
Agricultural Biotechnology
Biological Science App in Ag - Plant
Biological Science App in Ag – Animal
Basic Horticulture Science
Green Production & Floral/Landscape
*AG 131 - Soils and Soil Fertility
Cooperative Education

TECHNOLOGY
Cabinetmaking and Millwork I (Intro Woods)
Precision Metal Production I (Intro Metals)
Drafting
Energy Utilization Technology
Small Engine Repair I
Welding Technology I (Basic Welding)
Welding Technology II (Adv Welding)
Audio /Video Production I (Radio)
Construction Trades I (Building Trades)
Machine Tool Technology/Machinest I (Prod Maching)
Cooperative Education
Machine Tool Technology/Machinist II (Digital Fabrication)

VISUAL ARTS
Creative Art Comprehensive
Drawing I
Drawing II
Painting I
Sculpture I
Ceramics/Pottery (Ceramics I)
Graphic Design
Painting II
Ceramics II
Sculpture II

PERFORMING ARTS
Introduction to Theatre (Theatre I)
Theatre Arts (Theatre II)
Chorus
Marching Band/Concert Ensemble
Fall Concert Band/ Concert Ensemble
AP Music Theory

PHYSICAL EDUCATION/HEALTH/ DRIVER EDUCATION
Physical Education
Fitness/Conditioning Activities and Weight Training
Health
Driver Education Classroom only
Driver Education Laboratory (Behind the Wheel)

The Driver Education student must earn a minimum of 8 credits in the two semesters prior to taking driver education classroom. Students must have a Social Security card prior to taking classroom driver education.

SPECIAL EDUCATION
English I, II, III, & IV
Public Speaking (Speech)
Informal Mathematics/Informal Geometry
General Math (Basic Math)
Pre-Algebra (Practical Algebra)
Personal Finance (Independent Living Math)
Integrated Science (General Science)
Unified Science (Practical Science)
U.S. History
U.S. Government
Contemporary U.S. Issues (Current Issues)
World Geography
Life Skills (English, Math, Science and Social Studies)
Adapted Physical Education
Health Education
Strategic Reading (Lit Lab I)
Corrective Reading (Lit Lab II)
Introduction to Computers (Prep for Technology)
Industrial Arts (Survey for Industrial Technology)
Family Living (Home Arts)
Study Skills
Tutorial (Homework Assistance)
Career Exploration (Prep for Careers)
Employability Skills (Orientation to Vocational Ed)
Workplace Skills (STEP)

*These courses are available for both high school elective and Black Hawk College credit.

Classes shown in bold are yearlong.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) & NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA)
Student athletes who are interested in qualifying for NCAA or NAIA eligibility are encouraged to log on to the respective web site to view the accepted Geneseo High School (code 142015) core courses. Student athletes must register at these websites to be eligible to participate at NCAA and NAIA schools.

POLICY FOR WITHDRAWAL FROM A CLASS (Under Review by Administration and Guidance)
Students may withdraw from a class only in the event of a computer error, level error, or incorrect placement in a class. Students must be enrolled in a minimum of six academic classes at all times. Exceptions to this include:

-A senior student enrolled in the Interrelated COOP or STEP program.
-IEP modification/504 modifications/RTI modifications

Within the first five school days of the semester, parental permission is required for all course drops. In order to withdraw from a course after the fifth day, a Course Withdrawal Form must be completed. Within the first five days of the semester, approved withdrawals can be made with no record of the drop on the student's transcript. After the fifth day and up to the end of the first nine weeks of the semester, a "Withdrawal" grade of "W" will be noted on the student's transcript. Thereafter, the withdrawal will result in a "WF" on the final transcript.

TEXTBOOK FEES
Students are assessed an annual registration fee which covers most course fees, workbooks, etc., with the exception of $50 Drivers' Education Behind the Wheel fee, Black Hawk College Dual Credit Course textbooks, tuition and fees, AP textbook, workbook and exam fees, etc. All fees are subject to change based upon Board of Education review.

REMEDIATION POLICY
Remediation is available for grades 9 and 10 in the core subject areas. Different methods are utilized in various departments.

REPEATING A CLASS (Under Review by Administration and Guidance)
If a student receives a "D", "D-", or "F" in any course they may re-take the course. Past and current grades will be reflected on the official transcript. Only the second grade will be calculated in the GPA and assigned credit.

INCOMPLETE GRADES
A grade of incomplete will be assigned when a student experiences an excused, extended absence at the end of the term or during final examinations. An incomplete grade, if not satisfied within 2 weeks, will be changed to an "F" grade.

Enriched
Enriched courses offer students the opportunity to work in a more rigorous environment that includes reading, writing and research-based learning activities. Students are placed in honors courses based on standardized testing, previous academic record and teacher recommendation.

Advanced Studies
Advanced Studies is an instructional improvement program, designed to help ensure that the outcomes of college preparatory courses taken in high school are aligned with essential postsecondary skills. Quality Core provides research-based educator resources to shape rigorous course content and improve outcome in 12 high school courses. There will be a .5 weighted grade assigned to the GPA of these classes. If a student drops the class at anytime during the year, the weighted grade will not be awarded.

ADVANCED PLACEMENT
Advanced Placement courses are college level courses that could qualify the student for college credit following completion of the College Board AP exams. College professors and selected high school teachers from around the country will grade the AP exams. Many colleges and universities grant college level credit based on the AP exam scores.

All students enrolled in Advanced Placement courses are required to take the College Board Advanced Placement exams in May of the corresponding year. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

Complete course description for these courses are located in the English, math, science, social studies, fine arts and foreign language sections of this publication. Close examination of these materials is intended to show that AP classes are offerings that will enrich backgrounds and provide unique challenges not available in other courses.

AP exams are offered in different curricula in courses not offered at the high school. Students wishing to take those AP exams without the classroom experience may inquire with their counselor prior to second semester of their senior year.

PARTNERSHIP FOR COLLEGE AND CAREER SUCCESS (PCCS)
The PCCS degree is granted by a Community College and is a clearly defined course of study begun in high school to provide students the course work that will form the firm academic and technical foundation needed to build their futures. It provides students an opportunity to become part of the technically sophisticated workforce of the 21st century.

Throughout our school systems, college prep is a well-defined path of preparation for professional careers. The PCCS Degree program provides this same well-defined path of preparation for technically demanding skilled jobs of the future. Students have the option of continuing their education through college or entering the workforce at a variety of exit points. PCCS is a core program under which the various new and emerging workforce preparation initiatives are coordinated.

Partnership for College and Career Success is:
1. A State and Federal initiative designed to blend academic and vocational courses.
2. A planned sequence of courses for grades 9 – 14.
3. A work-based learning experience that may be provided by a business partnership.
4. A pathway to an occupation that has a favorable job outlook, requiring a two-year Associate of Applied Science degree or a two-year apprenticeship from a community or technical college and has opportunities for above-average wages and potential growth.

The following link is a source for academic course sequences that lead to a tech prep degree. http://www.dist228.org/careerpathways/charts.html

PE WAIVER Under Review with Administration

Admission Recommendations for Colleges and Universities and Community College Transfer Programs*

Illinois Board of Higher Education Recommendations

English	4 years	8 credits
Mathematics	3 years	6 credits
Social Studies	3 years	6 credits
Science	3 years	6 credits
Foreign Language***	2 years	4 credits
Music, Art, Theatre, Humanities, Vocational Education		

Freshman Year

1. English
2. Math
3. Science
4. Select two electives from the following areas:
   foreign language, business, family and consumer sciences, visual arts, performing arts, technology, agriculture, world history.
5. P.E./Health

Sophomore Year

1. English/Public Speaking
2. Math
3. Science
4. U.S. History
5. Select one elective from the following areas:
   foreign language, business, family and consumer sciences, visual arts, performing arts, technology, agriculture.
6. P.E./Driver Education

Junior Year

1. English
2. Math
3. Science
4. Government/Social Studies elective
5. Select one elective from the following areas:
   foreign language, business, family and consumer sciences, visual arts, performing arts, technology, agriculture.
6. P.E

Senior Year

1. English
2. Social Studies
3. Select three electives from the following areas:
   math, science, foreign language, business, family and consumer sciences, visual arts, performing arts, technology, agriculture.
4. P.E.

*Individual college requirements differ. Be sure to check with the college.

**Some competitive colleges require two years of the same foreign language with a "C" or better for admission. Most recommend foreign language. Many colleges will require foreign language in college. Check with your counselor for more information.

Earning credit for GHS courses does not guarantee placement in 100 and above level college courses.

STUDENT PROGRAM WORK SHEET

Please use this work sheet to indicate the courses you and your parents are interested in having you take for the next four years.

FRESHMAN YEAR / **SOPHOMORE YEAR**

1st Semester	2nd Semester	1st Semester	2nd Semester
English	English	English/Public Speaking	English/Public Speaking
Math	Math	Math	Math
Science	Science	Science	Science
P.E./Drivers Ed Classroom	Health	U.S. History	U.S. History
		P.E./Driver Ed. BTW	P.E./Driver Ed. BTW

JUNIOR YEAR / **SENIOR YEAR**

1st Semester	2nd Semester	1st Semester	2nd Semester
English	English	English	English
Government	Social Studies Elective	P.E.	P.E.
Math	Math		
P.E.	P.E.		

_____**Consumer Education Course:** (see page 1)

_____**Music, Art, Foreign Language, Vocational Education** (one full year or any combination of two semesters will satisfy the requirement.)

Alternating Year Classes

Department	Even Years (2012-2013)	Odd Years (2013-14)
Agriculture	Agricultural Biotechnology Soils and Fertility	Agribusiness Management
English		Advanced Speech
Science	None	AP Biology AP Physics
Special Education	Unified Science Introduction to Computers World Geography Career Exploration	Integrated Science Industrial Arts Contemporary U.S. Issues Family Living Employability Skills
Visual Arts		Introduction to Theatre Theatre Arts
Performing Arts	AP Music Theory	

AGRICULTURE CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Introduction to Agriculture Industry	2	2	None
# Agriculture Business Management	2	2	Grades 11 – 12, Intro to Ag. recommended
# Agricultural Biotechnology	1	1	Intro to Ag recommended
Biological Science Applications in Ag - Plant	1	1	None
Biological Science Applications in Ag – Animal	1	1	None
Basic Horticulture Science (Fall)	1	1	Grades 10 - 12
Greenhouse Production & Floral Design/Landscape (Spring)	1	1	Grades 10 – 12
Cooperative Education (COOP)	2	4	Grade 12
#Ag 131 Soils and Soil Fertility (BHC & GHS credit)	1	1	Grade 10-12

Alternating year class. Please refer to page 6.

Introduction to Agriculture Industry
This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Agricultural Business Management
This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Field trips and quest speakers will be utilized.

Agricultural Biotechnology
Agricultural Biotechnology courses apply biological principles and understanding to plant and animal science in order to produce or refine agricultural products. Course topics typically include, but are not limited to microbiology, genetics, growth and reproduction, structural basis of function in living systems, chemistry of living systems, quantitative problem solving, and data acquisition and display. These courses also often cover the ethics of biotechnology.

Biological Science Applications in Agriculture – Plants (Fall)
This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Biological Science Applications in Agriculture – Animals (Spring)
This course is designed to reinforce and extend students understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. Topics of study are in the areas of growth and development of animals – embryology, ethology, nutrition, immunity systems, and processing animal products – preservation, fermentation, and pasteurization. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Basic Horticulture Science (Fall)
This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. The greenhouse will be the lab for this class.

Greenhouse Production & Floral/Landscape Design (Spring)
This course focuses on the greenhouse management, floral design and related segments of the horticulture industry. Major units of study include floriculture plant identification, greenhouse structures, and the culture of greenhouse crops. Also included are care and handling of cut flowers, principles of art applied to floral design, and the mechanics of floral design. Agribusiness units will be introduced in merchandising, advertising, sales, and operating a retail floral business. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
The greenhouse will be in the lab for this class. Fieldtrips will be included.

Cooperative Education
Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

BHC Agriculture

Ag 131 Soils and Soil Fertility (1st semester) 3 lecture hours and 2 lab hours, 3 BHC credits/ 1 GHS elective credit
Basic course dealing with formation, physical, chemical, colloidal, and biological properties of soils. Special emphasis is given to soil conditions that affect plant growth and crop yields. Laboratory experience in texture, structure and fertility.

BUSINESS AND TECHNOLOGY CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Computer Concepts & Software Applications	1	1	Grade 9 – 12
Accounting I	1	1	Grade 10 – 12
Web Page and Interactive Media Development	1	1	Grade 9 – 12
Business Law	1	1	Grade 11 – 12
Business Management/Entrepreneurship	1	1	Grade 11 – 12
Consumer Econ/Family Resource Management and Planning	1	1	Grade 9 – 12
Cooperative Education (COOP)	2	4	Grade 12
AP Microeconomics	1	1	Grade 10 - 12
AP Macroeconomics	1	1	Grade 10 – 12

Computer Concepts and Software Applications
Computer Concepts and Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

Accounting I
This will be an excellent beginning for anyone interested in moving on to study any form of business in college. Accounting I is a course assists students pursuing a career in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skill used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. Accounting computer applications should be integrated throughout the course where applicable. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included.

Web Page and Interactive Media Development
Web Page and Interactive Media Development I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project -based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

Business Law
This is a one-semester course designed to teach students how business and personal law impacts not only business, but everyday living as well. Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer -employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

Business Management/Entrepreneurship
Business management courses acquaint students with management opportunities and effective human relations. The students will have the opportunity to participate in the JA Titan Business Simulation. Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

Consumer Economics/Family Resource Management and Planning
This course focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project -based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

Cooperative Education (COOP)
Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

AP Microeconomics
Following the College Board's suggested curriculum designed to parallel college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). They place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

AP Macroeconomics
Following the College Board's suggested curriculum designed to parallel college-level macroeconomics, AP Macroeconomics courses provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. They place particular emphasis on the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

ENGLISH CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Language Arts I (English 9)	2	2	Grade 9
Literature IH (English 9 Enriched)	2	2	Grade 9, MS placement
Composition II (English 10)	1	1	Grade 10
Literature IIH (English 10 Enriched)	1	1	Grade 10, teacher placement
Language Arts III (Literature Survey I)	2	2	Grade 11 or 12
Language Arts IV (Literature Survey II)	2	2	Language Arts III (Lit Sur I)
AP English Language and Composition	2	2	Grade 11, 12
AP English Literature and Composition	2	2	Grade 11, 12
English 101 - Composition I (BHC & GHS credit)	1	1	Grade 12
English 102 – Composition II (BHC & GHS credit)	1	1	English 101
Public Speaking (English 10 Speech)	1	1	Grade 10
# Advanced Speech	1	1	Public Speaking
Creative Writing	1	1	Grade 11, 12
Introduction to Communications (Media Literacy)	1	1	Grade 10 – 12(C or Better in Eng 9)
American Literature/History (Humanities)	1	1	Grade 11 or 12, GPA3.0 or Teacher signature

Alternating year class. Please refer to page 6.

Comprehensive Language Arts, Reading, Writing & Literature

Language Arts I (English 9)
Language Arts I (English 9) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

Literature IH (English 9 Enriched)
A literature course designed for freshman that typically introduces them to two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements, determination of theme and intent, and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.

Composition II (English 10)
A composition course designed for freshmen that builds upon previous writing skills. These courses seek to develop the writing processes and practices necessary for producing successful high school compositions. Students typically learn to write persuasive, critical, and creative multi-paragraph essays and compositions. While emphasizing composition, these courses may also incorporate some literature study to expose students to exemplary illustrations of various forms of writing.

Literature IIH (English 10 Enriched)
Literature (English 10 Honors) courses are designed for sophomores who read and write at a junior level and emphasize comprehension, discernment, and critical-thinking skills in the reading of texts and literature. These courses introduce and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments are required as an additional method to develop and improve critical-thinking and analytic skills.

Language Arts III (Literature Survey I)
Language Arts courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices receive greater emphasis than in previous courses.

Language Arts IV (Literature Survey II)
Language Arts IV courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

AP English Language and Composition
Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. ***Requirements: Close reading and analysis of various texts is required during the summer prior to the course. Prerequisite: Completion of freshman and sophomore English with a grade of B or above, teacher recommendation, and completion of a timed-writing essay exam.*** AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

AP English Literature and Composition
Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit,enrich their understanding of connotation, metaphor, irony, syntax, and tone, and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). ***Requirements: Close reading and analysis of various texts is required during the summer prior to the course. Prerequisite: Completion of freshman and sophomore English with a grade of B or above, teacher recommendation, and completion of a timed-writing essay exam.*** AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

English 101 Composition I (1st semester) **3 lecture hours, 3 BHC credits, 1 GHS English credit**
Prerequisite: Qualifying ACT or COMPASS score and grade 12 status.
English 101 is designed for students who are competent in the fundamentals of composition. Students will write essays using a variety of expository strategies and will apply standard techniques of documentation when appropriate. An exit exam will determine college credit. (Grade of "C" or higher required for this course to be eligible to be included in the IAI General Education Core Curriculum).

English 102 Composition II (2nd semester) **3 lecture hours, 3 BHC credits, 1 GHS English credit**
Prerequisite: Successful completion of English 101 with a "C" or higher and must pass English 101 exit exam.
English 102, a continuation of English 101, is a required composition course that involves reading, discussion, and analysis of a body of literature to generate ideas for critical and persuasive papers, including one documented research paper. (Grade of "C" or higher required for this course to be eligible to be included in the IAI General Education Core Curriculum).

Speech and Communication

Public Speaking (English 10 Speech)
Public Speaking courses enable 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.

Electives - Elective courses are offered for elective credit only.

Speech—Other
Advanced Speech: This course is designed for the student who wants to further their knowledge of communication, ethics, interpretation, personal communication, and speech analysis.

Creative Writing
Creative Writing courses offer 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).

Introduction to Communication (Media Literacy)
Introduction to Communication (Media Literacy) courses enable students to understand and critically evaluate the role of media in society. Course content typically includes investigation of visual images, printed material, and audio segments as tools of information, entertainment, and propaganda, improvement of presentation and evaluative skills in relation to mass media, recognition of various techniques for delivery of a particular message, and, in some cases, creation of a media product. The course may concentrate on a particular medium.

American Literature/History (Humanities)
American Literature/History (Humanities) courses integrate the study of American literature with an overview of U.S. history. These courses may also include other aspects of American culture, such as art or music. A two-year sequence or two-period per day class may be required to cover the same objectives as would be covered separately in U.S. History Overview and American Literature.

FAMILY AND CONSUMER SCIENCE CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Intro Family & Cons Science with Textiles and Design I	2	2	Grade 9
Culinary Occupations I (Foods I)	1	1	Grade 10 – 12
Nutrition and Culinary Arts I (Foods II)	1	1	Grade 10 – 12
Interior Design	1	1	Grade 11 – 12
Child Development	1	1	Grade 10 – 12
Parenting	1	1	Grade 10 – 12
Family & Career Relationships	1	1	Grade 12
Cooperative Education	2	4	Grade 12
NA 100 Extended Health Occupations Certified Nursing Assistant	2	5	Grade 12 (see description)

Introduction to Family and Consumer Science Careers with Textiles and Design I
This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills. The textile and design portion of this course is designed to provide basic knowledge and understanding of the design, development, and production of textile products. Through hands-on and project based learning experiences students will discover fabric construction methods and design in textiles and apparel, and basic construction skills used in interior furnishings and apparel industries.

Child Development
Child Development addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research -based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

Culinary Occupations I (Foods I)
This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and work stations. Additional content may include: event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuveres, and breakfast cookery. Students will be provided opportunity training experiences on commercial equipment.

Nutrition and Culinary Arts I (Foods II)
Nutrition and Food Preparation courses provide students with knowledge and skills about food preparation and/or production, with a strong emphasis on nutrition, balanced diets, and satisfying special dietary needs. Topics typically include assessing nutrient content, the science of food and nutrition, physiology and utilization of nutrients. Course content may also cover additives, contaminants, food borne illnesses, and food technology.

Interior Design: Residential, Commercial, and Public Space
This course provides basic knowledge and skills needed to select, acquire, furnish, maintain, and manage residential and commercial environments to meet the needs of the users/occupants. The course includes the application of the interior design elements and principles; selection and care of furnishings, equipment and accessories in relation to socio –economic factors, trends, personal tastes and characteristics, as well as physical and psychological needs; safety, sanitation, and efficiency factors in interior design; and evaluating use and care of textiles. This project based course investigates a variety of related career opportunities, including entrepreneurship. Emphasis is placed on the application of project management skills. Field trips and guest speakers are incorporated throughout the course.

Parenting
This course helps students understand the responsibilities, satisfactions and stresses of parenthood. Course content includes the following: managing and organizing parenting by applying decision -making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; community resource agencies and services; and evaluating impact on parenting of family and career changes.

Family and Career Relationships (Managing Lifestyles)
This course is designed to focus on the knowledge, attitudes, and behaviors needed to participate in positive, caring, and respectful relationships in the family, community, and workplace. This project/lab -based course uses communication, leadership and management methods to develop knowledge and behaviors necessary for individuals to become independent, contributing, and responsible participants in family, community, and career settings. Emphasis is placed on the development of techniques and strategies to assist individuals in responding to situations presented in family relationships and the workplace. The course content includes: managing responsibilities, satisfactions and stresses of work and family life; analyzing personal standards, needs, aptitudes and goals; roles and responsibilities of living independently and as a family member; demonstrating goal-setting and decision-making skills; identifying and utilizing community resources; and developing effective relationships to promote communication with others. The course provides students content to identify resources that will assist them in managing life situations. Cooking labs, field trips, and guest speakers are utilized throughout the class.

Cooperative Education
Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

NA 100 Extended Health Occupations– Certified Nursing Assistant **Early Bird 8 BHC credits hours, 2 semesters**
5 GHS elective credits

Prerequisite: Grade 12, Minimum GPA 2.5 after 5 semesters
Additional requirements: proof of recent physical exam with record of immunizations, TB screening (provided by facility), purchase of uniform, watch with second hand, and appropriate footwear.

Provides the potential nurse assistant with knowledge, understanding and skills to function as a responsible member of the health team. Students combine theory with practical applications to various health care situations. Additional emphasis has been incorporated regarding care for patients with Alzheimer's Disease, the aging process, problems of the aged, and death and dying. Participation in this class requires compliance with standards set by the Illinois Department of Public Health for attendance of a minimum of 80 theory and 40 clinical hours. Clinical hours are defined as time spent in various settings of the sponsoring facility, primarily long term care. Once successfully completed, the candidate qualifies for application to take the Illinois Competency Exam for Nursing Assistants. This course is limited to 10 students. Acceptance into this program will be based on GPA, attendance and discipline records.

FOREIGN LANGUAGE CURRICULUM

Course	Semester(s)	Credit	Prerequisite(s)
Spanish I	2	2	Grades 9 – 12
Spanish II	2	2	Spanish I
Spanish III	2	2	Spanish II
Spanish IV	2	2	Spanish III
AP Spanish	2	2	Spanish III & teacher permission
French I	2	2	Grades 9 – 12
French II	2	2	French I
French III	2	2	French II
French IV	2	2	French III
AP French	2	2	French III & teacher permission

Special Course Requirements: Students should review admissions in foreign language at the college or university of their choice. **It is strongly recommended that students enrolling in Spanish I or French I earn a grade of "C-" or better in their previous semester of English. It is essential students have an understanding of the English language, be able to memorize, and possess good study skills. Students are strongly encouraged to take language study in consecutive years. If a student fails a semester of foreign language, they may not continue without repeating the failed semester.**

Spanish I
Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, customs, and history of Spanish-speaking people.

Spanish II
Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Spanish III
Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Spanish IV
Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

AP Spanish Language
Designed by the College Board to parallel third-year college-level courses in Spanish
Composition and Conversation, AP Spanish Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and so on. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

French I
Designed to introduce students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, customs, and history of the French-speaking people.

French II
French II courses build upon skills developed in French I, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

French III
French III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

French IV
French IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the French language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

AP French Language
Designed to parallel third-year college-level courses in French Composition and Conversation, AP French Language courses build upon prior knowledge and develop students' ability to understand others and express themselves in French accurately, coherently, and fluently. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and so on. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

MATHEMATICS CURRICULUM

Course	Semester(s	Credit(s)	Prerequisite(s)
* Algebra I	2	2	Pre-Algebra, MS placement
Algebra I Part 1 (Alg IA)	2	2	Pre-Algebra, MS placement
Algebra I Part 2 (Alg IB)	2	2	Algebra Part 1
Transition Algebra (Math 081/090)	2	2	Teacher placement
Algebra II	2	2	Geometry or Teacher placement
Informal Geometry (Plane Geometry)	2	2	Algebra I or Algebra Part 1 & Part 2
** Geometry	2	2	Algebra I or Teacher placement
Math Analysis/Trig (Pre-Cal)	2	2	Algebra II
Pre-Calculus Advanced Studies	2	2	Placement based on Plan Scores or Teacher Rec
AP Calculus AB	2	2	Math Analysis/ Trig or Advanced Studies Pre-Calc
AP Calculus BC	2	2	Advanced Studies Pre-Calc
Probability and Statistics	2	2	Algebra II

*Students who are failing at end of first quarter will be placed in Algebra Part 1 (Based on recommendation of teacher).
**Students taking Algebra I Part 2 are required to have a final grade of "B" or better to be considered for Geometry.

Algebra I
Algebra I courses include the study of properties and operations of the real number system, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratic equations.

Algebra I—Part 1 (Alg IA)
The first part in a multi-part sequence of Algebra I. This course generally covers the same topics as the first semester of Algebra I, including the study of properties of rational numbers (i.e., number theory), ratio, proportion, and estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities.

Algebra I—Part 2 (Alg IB)
The second part in a multi-part sequence of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

Transition Algebra (Math 081/090)
Transition Algebra courses review and extend algebra and geometry concepts for students who have already taken Algebra I and Geometry. Transition Algebra courses include a review of such topics as properties and operations of real numbers, evaluation of rational algebraic expressions, solutions and graphs of first degree equations and inequalities, translation of word problems into equations, operations with and factoring of polynomials, simple quadratics, properties of plane and solid figures, rules of congruence and similarity, coordinate geometry, including lines, segments, and circles in the coordinate plane, and angle measurement in triangles, including trigonometric ratios.

Algebra II
Algebra II course topics typically include field properties and theorems, set theory, operations with rational and irrational expressions, factoring of rational expressions, in-depth study of linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, graphing of constant, linear, and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents.

Informal Geometry (Plane Geometry)
Informal Geometry courses emphasize a practical approach to the study of geometry and deemphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures, inductive methods of reasoning and use of logic, concepts of congruence, similarity, parallelism, perpendicularity, and proportion, and rules of angle measurement in triangles.

Geometry
Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures, deductive methods of reasoning and use of logic, geometry as an axiomatic system, including the study of postulates, theorems, and formal proofs, concepts of congruence, similarity, parallelism, perpendicularity, and proportion, and rules of angle measurement in triangles.

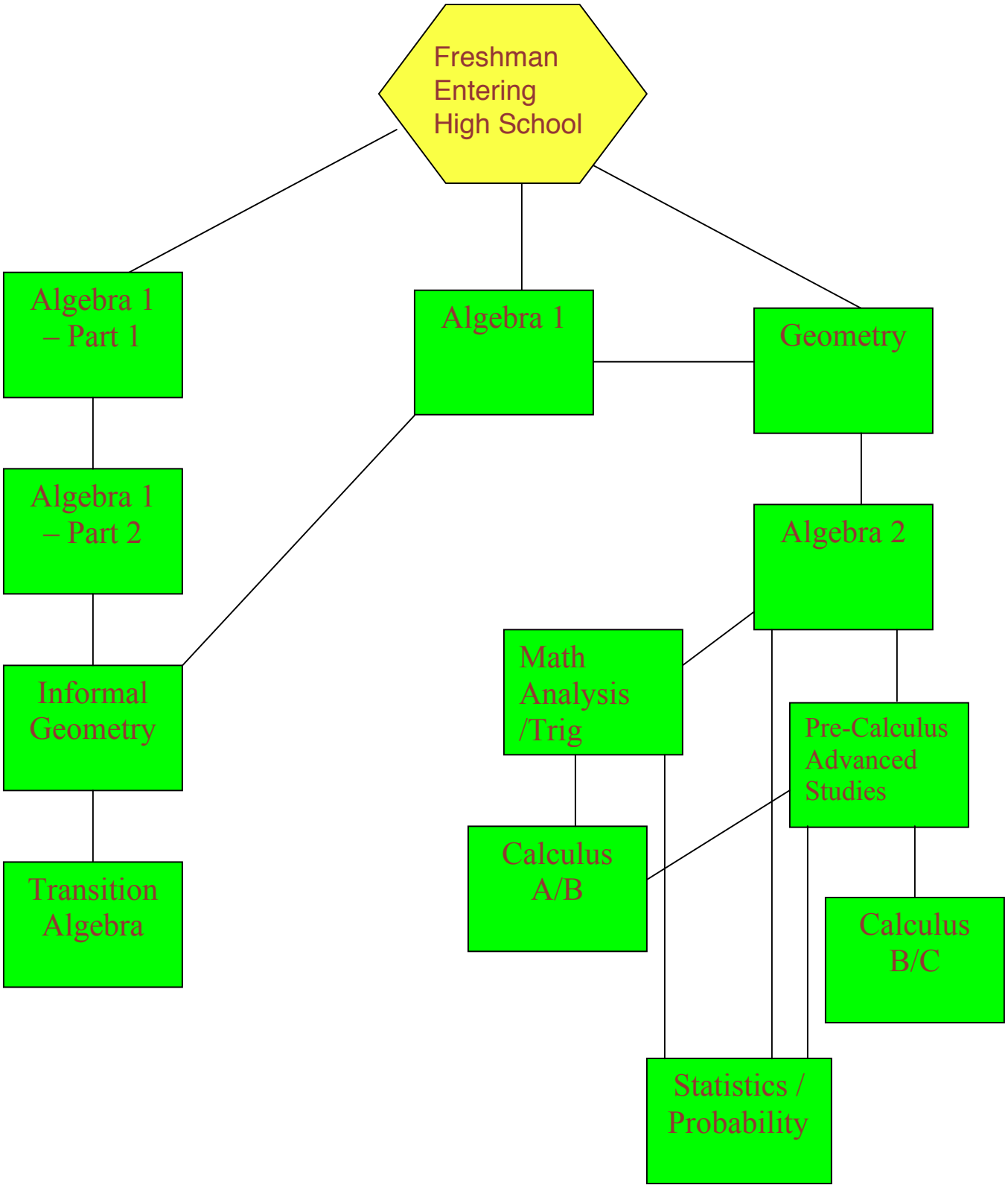
Math Analysis/ Trigonometry (Pre-Calculus)
Covering topics of both Trigonometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics typically include the study of right trigonometric and circular functions, inverses, and graphs, trigonometric identities and equations, solutions of right and oblique triangles, complex numbers, numerical tables, polynomial, logarithmic, exponential, and rational functions and their graphs, vectors, set theory, Boolean algebra and symbolic logic, mathematical induction, matrix algebra, sequences and series, and limits and continuity.

Pre-Calculus Advanced Studies
Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers, polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs, trigonometric identities and equations, solutions of right and oblique triangles, vectors, the polar coordinate system, conic sections, Boolean algebra and symbolic logic, mathematical induction, matrix algebra, sequences and series, and limits and continuity. There will be a .5 weighted grade assigned to the GPA of this class. If a student drops the class at any time during the year, the weighted grade will not be awarded.

AP Calculus AB
Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions, properties of functions and their graphs, limits and continuity, differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems), and integral calculus (including anti-derivatives and the definite integral). AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

AP Calculus BC
Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus BC courses provide students with an intuitive understanding of the concepts of calculus and experience with its methods and applications, and also require additional knowledge of the theoretical tools of calculus. These courses assume a thorough knowledge of elementary functions, and cover all of the calculus topics in AP Calculus AB, as well as the following topics: vector functions, parametric equations, and polar coordinates, rigorous definitions of finite and nonexistent limits, derivatives of vector functions and parametrically defined functions, advanced techniques of integration and advanced applications of the definite integral, and sequences and series. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

Probability and Statistics
Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data, including graphs. Course topics may also include normal distribution and measures of variability.


Freshman Entering High School
Algebra 1 – Part 1
Algebra 1
Geometry
Algebra 1 – Part 2
Algebra 2
Informal Geometry
Math Analysis /Trig
Pre-Calculus Advanced Studies
Calculus A/B
Calculus B/C
Transition Algebra
Statistics / Probability

PHYSICAL EDUCATION, HEALTH, AND DRIVERS EDUCATION CURRICULUM

Course	Prerequisite(s)
Physical Education	Grade 9 - 12
Fitness/Conditioning Activities and Weight Training (Wellness and Advanced Wellness)	Grade 9 – 12
Health	Grade 9
Drivers' Education – Classroom Only	Grades 9, 10
Drivers' Education – Laboratory (Behind the Wheel)	Grade 10

Eligibility for Drivers' Education is based upon earning 8 credits in the previous two semesters.

Physical Education
Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Fitness/Conditioning Activities and Weight Training (Wellness & Adv Wellness)
Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. Weight Training courses help students develop knowledge and skills with free weights and universal stations, while emphasizing safety and proper body positioning. They may include other components such as anatomy and conditioning.

Health Education
Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Drivers' Education—Classroom Only
Drivers' Education—Classroom Only courses provide students with the knowledge to become safe drivers on America's roadways. Topics in these courses include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).

Drivers' Education—Laboratory (Behind the Wheel)
Drivers' Education Behind Wheel (Laboratory) course provides students with the experience to become safe drivers on America's roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.

SCIENCE CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Earth Science	2	2	Teacher placement
Environmental Science	2	2	Teacher placement
Biology	2	2	Teacher placement
Biology – Advanced Studies	2	2	Teacher placement
+ Anatomy & Physiology	2	2	Core completion or concurrent enrollment, teacher placement
# AP Biology	2	2	Core completion or concurrent enrollment, teacher placement
Chemistry	2	2	Algebra I, Grades 10 - 12
Chemistry Advanced Studies	2	2	Teacher placement
AP Chemistry	2	2	Core completion or concurrent enrollment, teacher placement
Physics	2	2	Algebra II
# AP Physics B	2	2	Core completion or concurrent enrollment, teacher placement
# AP Physics C	2	2	Core completion or concurrent enrollment, teacher placement

Alternating year class. Please refer to page 6.

Core science courses are Earth Science, Biology, Chemistry and Physics.

+ Our high school has formed articulation agreements with Black Hawk College. Students completing the above-identified courses at Geneseo High School with a "B" or better (both semesters) may earn articulation credit. Upon enrolling at Black Hawk College and discussing the articulated credit with BHC advisor, the student may (depending upon the course of study) receive college credit at no cost.

Earth Science

Earth Science
Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

Environmental Science
Environmental Science courses examine 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.

Biology

Biology
Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include, but are not restricted to, such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Biology—Advanced Studies
Usually taken after a comprehensive initial study of biology, Biology—Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction, energy transformation, human anatomy and physiology, and the evolution and adaptation of organisms. There will be a .5 weighted grade assigned to the GPA of this class. If a student drops the class at any time during the year, the weighted grade will not be awarded.

Anatomy and Physiology
Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

AP Biology
Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation), genetics and evolution, and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

Chemistry

Chemistry
Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Chemistry—Advanced Studies
Usually taken after a comprehensive initial study of chemistry, Chemistry—Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. There will be a .5 weighted grade assigned to the GPA of this class. If a student drops the class at any time during the year, the weighted grade will not be awarded.

AP Chemistry
Following the curricula recommended by the College Board, AP Chemistry courses usually follow high school chemistry and second-year algebra. Topics covered may include atomic theory and structure, chemical bonding, nuclear chemistry, states of matter, and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

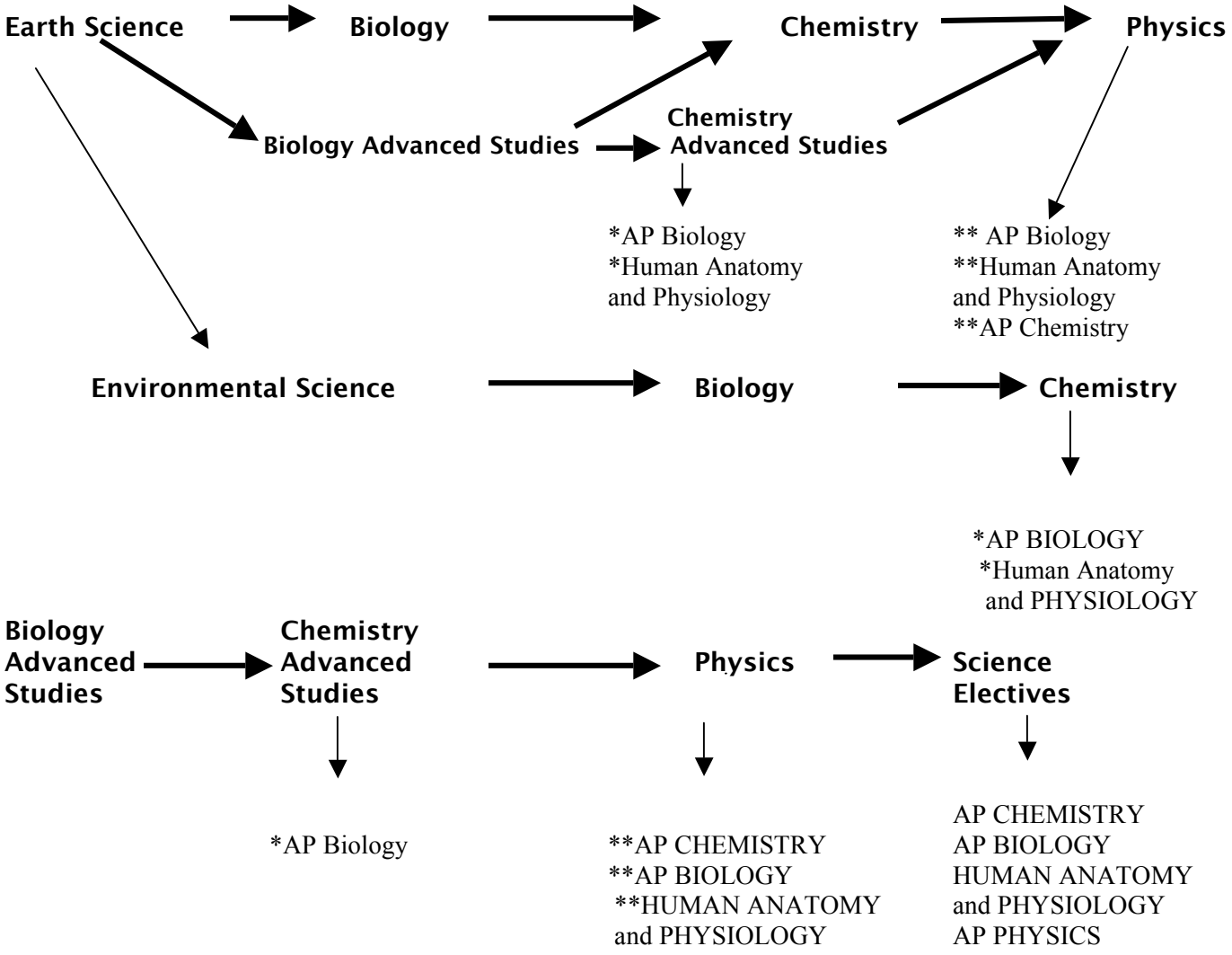
Physics

Physics
Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

AP Physics B
AP Physics B courses are designed by the College Board to parallel college-level physics courses that provide a systematic introduction to the main principles of physics and emphasize problem solving without calculus. Course content includes mechanics, electricity and magnetism, modern physics, waves and optics, and kinetic theory and thermodynamics. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

AP Physics C
Designed by the College Board to parallel college-level physics courses that serve as a partial foundation for science or engineering majors, AP Physics C courses primarily focus on 1) mechanics and 2) electricity and magnetism, with approximately equal emphasis on these two areas. AP Physics C courses are more intensive and analytical than AP Physics B courses and require the use of calculus to solve the problems posed. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

SCIENCE DEPARTMENT FLOW CHART



* Must be concurrent with Chemistry
** Must be concurrent with Physics

SOCIAL STUDIES CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
World History Honors	2	2	Grade 9, MS recommendation
Ancient Civilizations (World History before 1350)	1	1	Grade 9 – 12
Western Civilization (World History from 1350)	1	1	Grade 9 - 12
Contemporary World Issues (World Problems)	1	1	Grade 11-12
U.S. History Enriched	2	2	Grade 10
U.S. History	2	2	Grade 10
AP U.S. History	2	2	Grade 10-12 See course description
U.S. Government	1	1	Grade 11
AP U.S. Government and Politics	2	2	Grade 11
Economics	1	1	Grade 11, 12
Sociology	1	1	Grade 11, 12
Humanities	1	1	Grade 11, 12, GPA 3.0 or teacher signature

World History

World History Honors
World History Honors provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. Specifically, the course reviews the ancient civilizations of Egypt, Mesopotamia, Greece, and Rome, along with the Middle Ages. The primary focus of the course looks at the development of western civilizations in Europe from 1500 to the present – beginning with the Renaissance and Reformation, through the English and French Revolutions, 19th century Industrialization and Nationalism, World War I and World War II and the Cold War. Finally, this course is a prerequisite for students to potentially take AP US History as sophomores.

Ancient Civilizations (World History before 1350)
Ancient Civilizations courses provide a survey of the evolution of society from the ancient Middle East through Greek and Roman civilizations. Typically, in these courses students study the rise and fall of civilizations and empires, with an emphasis on the legacies they provide to successive societies.

Western Civilization (World History from 1350)
Western Civilization courses apply an interdisciplinary approach to the study of western cultural traditions, frequently using a chronological framework. Course content typically includes a survey of the major developments in and contributors to art and architecture, literature, religion and philosophy, and culture. These courses may also cover intellectual and political movements.

Contemporary World Issues (World Problems)
Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions. This is a discussion-based course, there is NO textbook. To provide information for discussion and to supplement the course, each student will have a classroom subscription to the New York Times Upfront magazine, as well as a daily copy of the Moline Dispatch newspaper. Specific units of study include, but are not limited to: world geography, world religions, and wealth distribution/poverty in 3rd world countries. The purpose of this course is to help students become more aware of and gain a better understanding of the situations in the world that are of a concern to the U.S. and the world community.

U.S. History

U.S. History (also U.S. History Enriched)
U.S. History courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

AP U.S. History
Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critically problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.
Prerequisites:
The course is open to sophomores, juniors, and seniors who are motivated to meet the college-level curriculum. Sophomores must have completed the Honors World History course with an A or B and a recommendation from the instructor of the course. Any other interested sophomores must have the permission of the AP instructor. Junior/seniors must have completed a U.S. History course with an A or B and a recommendation from the instructor of the course.

Government, Politics, and Law

U.S. Government
U.S. Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

AP U.S. Government and Politics
Following the College Board's suggested curriculum designed to parallel college-level U.S. Government and Politics courses, these courses provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The courses generally cover the constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, and civil rights and liberties. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

Economics

Economics
Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

Social Sciences

Sociology
Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including, but not limited to, topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society. In addition, the course also explores personality formation, early childhood and adolescent development, crime & deviance, race & ethnicity, the family, religion, education, and sport, along with looking at the "why" of people's actions and behaviors.

Humanities

Humanities
Humanities courses examine and evoke student responses to human creative efforts and the world in particular historical periods and in particular cultures. Course content includes exploration, analysis, synthesis, and various responses to cultural traditions, including viewing, listening, speaking, reading, writing, performing, and creating. The courses may also examine relationships among painting, sculpture, architecture, and music.

The Geneseo High School social studies curriculum is compliant with Illinois school code to include instruction on the following topics. ILCS 5/27-20.3 Holocaust & Genocide, 5/27-20.4 Black History, 5/27-20.5 study of women's history, 5/27-20.6 study of Irish potato famine.

SPECIAL EDUCATION CURRICULUM

The prerequisite for all classes is placement in the Special Education Program.

Course	Semester(s)	Credit(s)
English I, II, III, IV	2 (each)	2 (each)
Public Speaking (Speech)	1	1
Informal Mathematics/Informal Geometry (Pre-Algebra/Geometry)	2	2
General Math (Basic Math)	2	2
Pre-Algebra (Practical Algebra)	2	2
Personal Finance (Independent Living Math)	2	2
# Integrated Science (General Science)	2	2
# Unified Science (Practical Science)	2	2
U.S. History	2	2
U.S. Government	1	1
# Contemporary U.S. Issues (Current Issues)	1	1
# World Geography (Geography)	1	1
Life Skills (English, Math, Science and Social Studies)	2 (each)	2 (each)
Adapted Physical Education	2	2
Health Education	2	2
Strategic Reading (Lit Lab I)	1	1
Corrective Reading (Lit Lab II)	2	2
# Introduction to Computers (Prep for Technology)	2	2
# Industrial Arts (Survey for Industrial Technology)	2	2
# Family Living (Home Arts)	2	2
Study Skills	1	1
Tutorial (Home Work Assistance)	2	0
# Career Exploration (Prep for Careers)	2	2
# Employability Skills (Orientation to Vocational Education)	2	2
Workplace Experience (STEP)	2	4

Alternating year class. Please refer to page 6.

English/Speech

English I - English/Language Arts I (9th grade)
English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English II - English/Language Arts II (10th grade)
English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

English III - English/Language Arts III (11th grade)
English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English IV -English/Language Arts IV (12th grade)
English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

Public Speaking (Speech)
Public Speaking courses enable 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.

Mathematics

Informal Mathematics/02071 Informal Geometry (Pre-Algebra/ Geometry)
Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general math, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems. Informal Geometry courses emphasize a practical approach to the study of geometry and deemphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures, inductive methods of reasoning and use of logic, concepts of congruence, similarity, parallelism, perpendicularity, and proportion, and rules of angle measurement in triangles.

General Math (Basic Math)
General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers, area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

Pre-Algebra (Practical Algebra)
Pre-Algebra courses increase students' foundational math 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.

Personal Finance (Independent Living Math)
Consumer Economics/Personal Finance courses provide students with an understanding of the
concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

Science

Integrated Science (General Science)
The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Unified Science (Practical Science)
Unified Science courses combine more than one branch of science into a cohesive study or may integrate science with another discipline. General scientific concepts are explored, as are the principles underlying the scientific method and experimentation techniques.

Social Studies

U.S. History
U.S. History courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

U.S. Government
U.S. Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Contemporary U.S. Issues (Current Issues)
Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

World Geography (Geography)
World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment, the political landscape, the relationship between people and the land, economic production and development, and the movement of people, goods, and ideas.

Life Skills

Life Skills (Life Skills English, Math, Science and Social Studies)
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 such topics as goal-setting, decision-making, and setting priorities, money and time management, relationships, and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes. In addition, specific topics such as insurance, taxation, and consumer protection may also be covered.

Physical Education/Health

Adapted Physical Education
These courses provide physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

Health Education
Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Electives

Strategic Reading (Lit Lab I)
Strategic Reading courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic Reading courses often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

Corrective Reading (Lit Lab II)
Corrective Reading courses offer diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with students' progress in developing reading skills and understanding. Activities are chosen to increase or improve students' reading comprehension, reading technique, and general literacy skills.

Introduction to Computers (Prep for Technology)
Introduction to Computer courses introduce students to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. These courses typically explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Students may also be required to perform some computer operations.

Industrial Arts (Survey to Industrial Technology)
Industrial Arts courses expose students to the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include, but are not limited to, drawing and planning, electricity, graphic arts, woodwork, leatherwork, metalwork, plastics, and power technology. These courses typically cover general safety and career exploration, as well.

Family Living (Home Arts)
Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize, but are not limited to, topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

Study Skills
Study Skills courses prepare students for success in high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining, library and research skills, listening and note-taking, vocabulary skills, and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

Tutorial (Homework Assistance)
Tutorial courses provide students with the assistance they need to successfully complete their coursework. Students may receive help in one or several subjects.

Career Exploration (Prep for Careers)
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.

Employability Skills (Orientation to Vocational Education)
Employability Skills courses help students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content may also include consumer education and personal money management topics.

Workplace Experience (STEP)
Workplace Experience (STEP) courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

TECHNOLOGY EDUCATION CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Cabinetmaking & Millwork I (Woods)	1	1	Grade 9 – 12
Precision Metals Production I (Metals)	1	1	Grade 9 – 12
Drafting	1	1	Grade 9 – 12
Energy Utilization Technology	1	1	Grade 9 – 12
Small Engines Repair I	1	1	Grade 9 – 12
Welding Technology I (Basic Welding)	1	1	Grade 11–12 (Metals)
Welding Technology II (Adv Welding)	1	1	Grade 11-12 (Basic Welding)
Audio / Video Production I (Radio)	1	1	Grade 9 – 12
Construction Trades I (Building Trades)	1	1	Grade 10-12 (Wood)
Machine Tool Technology / Machinist I (Prod Machining)	1	1	Grade 9-12 (Metals)
Cooperative Education	2	4	Grade 12
Machine Tool Technology / Machinist II (Digital Fabrication)	1	1	Grades 10-12 (Mtls or Wds)

Cabinetmaking & Millwork I (Woods)
This course introduces students to the basic design and fabrication of residential cabinetry and custom furniture. The course also exposes students to the millwork and millwright industry. Instruction includes safety practices in using hand tools and power equipment.

Precision Metals Production I (Metals)
This course offers a planned sequence of learning experiences which provide students with the opportunities to develop competencies needed for employment in a variety of manufacturing-related occupations. This course introduces students to the skills common to many occupations, such as applying safety practices, selecting materials, performing bench work operations, performing precision measurement, performing layouts, performing housekeeping and recordkeeping activities, and operating a variety of tools used for separating, forming, and combining materials. Students will be exposed to sheet metal, welding and the CNC areas.

Drafting
Drafting—General courses, usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

Energy Utilization Technology
Energy Utilization Technology is a course designed to foster an awareness and understanding of how we use energy in our industrial technological society. Areas of study include conversion of energy, electrical fundamentals, solar energy resources, alternate energy resources such as wind, water, and geothermal; fossil fuels, nuclear power, energy conservation, and computer uses in energy technology. Students use laboratory experiences to become familiar with current energy technologies.

Small Engine Repair I
Small engine repair is an instructional program that prepares individuals to troubleshoot, service, and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment. Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

Welding Technology I (Basic Welding)
This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

Welding Technology II (Advanced Welding)
This course builds on the skills and concepts introduced in Welding Technology I and provides more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding.

Audio/Visual Production I (Radio)
This course is designed to provide students with the skills needed for a career in the technical aspects of radio and television broadcasting. Instruction includes camera operations, basic audio and video editing, sound and lighting techniques, and sound mixing. Students learn the operation, maintenance, and repair of video and DVD recording equipment, video/digital cameras, microphones, computers, lighting/grip equipment, and other production equipment used in the video and audio production of television programs. Students also learn to use, maintain, and repair various types of audio recorders, amplifiers, transmitters, receivers, microphones, and sound mixers to record and broadcast radio programs.

The student will be exposed to various aspects of radio such as FCC rules and what goes into a radio production. Students will produce similar projects found on-air, from start to finish. This includes writing scripts, recording, pre-production, production, and post-production, as well as using different sound elements like bed music and sound effects.

Construction Trades I (Building Trades)
This course provides experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods, and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading.

Machine Tool Technology / Machinist I (Production Machining)
This course introduces students to the basic skills and machines needed in precision metal work. Students gain machining skills while working with lathes, milling machines, surface grinders, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machining process planning.

Students will go more into depth on the CNC machine from Precision Metals Production I.

Cooperative Education
Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

Machine Tool Technology / Machinist II (Digital Fabrication)
This course provides more in-depth skill development in various types of precision tool operation, especially using mills, lathes, and surface grinders to perform machining tasks. Power cutoff saws and power band saws are also covered. Students also explore the use of computer and numerical controlled machining.

Students will focus heavily on using the CNC machine.

VISUAL AND PERFORMING ARTS CURRICULUM

Course	Semester(s)	Credit	Prerequisite(s)
Creative Art - Comprehensive	1	1	Grades 9
Creative Art – Drawing I	1	1	Grades 10 – 12, Grade 9 Art Comp
Creative Art – Drawing II	1	1	Drawing I
Creative Art – Painting I	1	1	Drawing I
Creative Art – Sculpture I	1	1	Grades 10 – 12, Grade 9 Art Comp
Ceramics/Pottery (Ceramics I)	1	1	Grades 10 – 12, Grade 9 Art Comp
Graphic Design (Graphic Arts)	1	1	Grade 11 - 12
Visual Arts – Painting II	1	1	Painting I
Visual Arts – Ceramics II	1	1	Ceramics I
Visual Arts – Sculpture II	1	1	Sculpture I
# Introduction to the Theatre (Theatre I)	1	1	Grades 10 – 12
# Theater Arts (Theatre II)	1	1	Theater I
Fall Concert Band/Concert Ensemble	1	1	Grades 9 - 12
Marching Band/Concert Ensemble	1	1	Grades 9 – 12
Concert Band	1	1	Grades 9 - 12
AP Music Theory	2	2	Grades 10 – 12
Chorus	2	2	Grades 9 – 12

Alternating year class. Please refer to page 6.

Visual Arts

Creative Art—Comprehensive (Art Foundations)
Creative Art provides students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

Creative Art—Drawing I
Creative Art—Drawing I courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

Creative Art—Drawing II
Creative Art—Drawing II courses cover the same topics as Creative Art—Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

Creative Art – Painting I
Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

Creative Art—Sculpture I
Creative Art—Sculpture courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

Ceramics/Pottery (Ceramics I)
Ceramics/Pottery courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Graphic Design (Graphic Arts)
Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

Visual Arts—Other – Painting II
This one-semester course will allow the student to concentrate on a painting medium of their choice. Class time will also be used for drawing and discussion of art appreciation.

Visual Arts—Other – Ceramics II
This one-semester course will continue the student's concentration in wheel-throwing and advanced hand building methods. The student will investigate more intricate methods of surface decoration and glazing.

Visual Arts—Other – Sculpture II
This course is designed to allow students to concentrate on a three-dimensional medium of their choice. Advanced 3D sculpture methods and materials will be emphasized. This is a one-semester course open students who have completed Sculpture I.

Performing Arts

Introduction to the Theater (Theatre I)
Introduction to the Theater courses provide an overview of the art, conventions, and history of the theater. Although the courses sometimes include experiential exercises, they emphasize learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art.

Theatre Arts (Theatre II)
Theatre arts courses focus on the study and performance of drama, including musical theatre. These courses review a wide range of scripted materials, such as plays, screen plays, teleplays, readers' theatre scripts, dramatic criticism, creation of original dramatic works, and the role of dramatic arts in society. In addition, students will work collaboratively on performances.

Music

Concert Band
Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

Marching Band
Courses in Marching Band are intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate band literature styles, primarily for marching performances.

AP Music Theory
AP Music Theory courses are designed to be the equivalent of a first-year music theory college course as specified by the College Board. AP Music Theory develops students' understanding of musical structure and compositional procedures. Usually intended for students who already possess performance-level skills, AP Music Theory courses extend and build upon students' knowledge of intervals, scales, chords, metric/rhythmic patterns, and the ways they interact in a composition. Musical notation, analysis, composition, and aural skills are important components of the course. AP courses are calculated on a weighted grading scale. Students who drop an AP class at any time during the year, or who do not take the AP exam, will lose the weighted grade.

Chorus
Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.