Geneseo High School

Course Planning Guide 2021-2022

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 credits, including physical education. Exception: Students who are enrolled in COOP or STEP must enroll in a minimum of 5 credits, including physical education.

Marching Band participants, grades 10 through 12, are eligible for a first semester waiver from physical education. The sports P.E. waiver is an option for Sophomore, Junior and Senior students. Students with a semester P.E. waiver are required to enroll in a minimum of 6.0 credits during that semester. Seniors in STEP or COOP are required to enroll in a minimum of 5.0 credits. Freshmen and sports managers or trainers 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:

8 semesters	English	
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*)
	Cooperative Education (*2 semesters*)	Interior Design (*1 semester*)
	AP Microeconomics *(1 semester*)	AP Macroeconomics (*1 semester)*
	Managing Lifestyles (*1 semester*)	Consumer Economics *(1 semester)*
	Special Education (Consumer Education Electives)	
	Workplace Experience (STEP) (*2 semesters*)	Career Preparation (*2 semesters*)
	Employability Skills (*2 semesters*)	Family Living (*2 semesters*)

Students who fail a required course for graduation must retake the course. In certain cases, the student may be required to be in the same course during multiple periods. For example, Physical Education requires a student to pass 7 semesters. A student who fails Physical Education most likely would then need to take Physical Education multiple times during a school day.

COURSE OFFERING

ENGLISH
English 9
English 9 Honors
English 10
English 10 Honors
English 11
English 12
AP English Language and Composition
AP English Literature and Composition
*English 101 - Composition I
*English 102 - Composition II
Media Lit

MATHEMATICS
Algebra I
Informal Algebra I
Geometry
Informal Geometry
Transitional Algebra
Algebra II
Informal Algebra II
Pre-Calculus
***Pre-Calculus Math 112**
***Pre-Calculus Math 116**
AP Calculus AB
AP Calculus BC
Probability and Statistics
AP Statistics

SCIENCE
Earth Science
Environmental Science
Biology
Biology Advanced Studies
Forensic Science
Anatomy and Physiology
AP Biology
Chemistry
Chemistry Advanced Studies
AP Chemistry
Physics
AP Physics I

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

FOREIGN LANGUAGE
Spanish I
Spanish II
Spanish III
Spanish IV

BUSINESS AND TECHNOLOGY
Computer Concepts & Software Applications
Consumer Economics
Accounting I
Web Page Design
Computer Science
Business Law
Business Management /Entrepreneurship
Cooperative Education
AP Microeconomics
AP Macroeconomics

FAMILY AND CONSUMER SCIENCES
Family & Consumer Science
Foods I
Foods II
Interior Design
Child Development
Parenting
Managing 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
Cooperative Education

TECHNOLOGY
Metal/Wood
Drafting
Cabinetmaking and Millwork I
Cabinetmaking and Millwork II
Automotive Technology I
Automotive Technology II
*Welding Technology I
*Welding Technology II
Audio /Video Production I
Construction Trades I
Construction Trades II
Machine Tool Technology/Machinist I
Machine Tool Technology/Machinist II
Intro Tech & Engineering
Cooperative Education

VISUAL ARTS
Drawing I
Drawing II
Painting I
Sculpture I
Ceramics I
Graphic Design I
Graphic Design II
Painting II
Ceramics II
Sculpture II
Art Portfolio

PERFORMING ARTS
Choir
Marching Band/Concert Ensemble
Symphonic Band/ Concert Ensemble

PHYSICAL EDUCATION/HEALTH/ DRIVER EDUCATION
Physical Education
Fitness/Conditioning Activities and Weight Training
Health
Driver Education Classroom /Physical Education
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
Informal Mathematics
Plane Geometry
General Math
Pre-Algebra
Personal Finance
Integrated Science
Unified Science
U.S. History
U.S. Government
Contemporary U.S. Issues
World Geography
Life Skills (English, Math, Science and Social Studies)
Adapted Physical Education
Health Education
Strategic Reading
Corrective Reading
Introduction to Computers
Industrial Arts
Family Living
Life Long Learning
Study Skills
Tutorial
Career Exploration
Employability Skills
Workplace Experience (STEP)
Community Experience

*These courses are available for both high school credit 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. These requirements exceed Illinois graduation requirements. Student athletes must register at these websites to be eligible to participate at NCAA and NAIA schools.

POLICY FOR WITHDRAWAL FROM A CLASS

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

Schedules may be opened for a week in May and December for students to review their upcoming semester classes that were scheduled based on requests. If a change is requested, a GHS Course Change Form must be filled out and submitted with the following: course name, compelling educational reason to change course, and the replacement course. A parent and student signature will also be required. Administration will review the request, and if approved, the student schedule will be modified to reflect the change. Prior to the start of the following semester, and 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 an "F" on the final transcript.

ASAP

Academic Student Assistance Period is a scheduled period during the school day that is set up to provide academic remediation and enrichment for core class instruction. Some examples of learning programs that take place during ASAP include, but are not limited to, Silent Sustained Reading, Learning Centers (Math, English, Science), SAT prep, Learning Resource Center, and enrichment for advanced or honors classes.

TEXTBOOK FEES

Students are assessed an annual registration fee which covers most course fees, workbooks, etc., with the exception of a $150 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.

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.

HONORS

Honor 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. There will be a .5 weighted grade assigned to the GPA of these classes. If a student drops the class at any time 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. 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. 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.

Admission Recommendations for Colleges and Universities and Community College Transfer Program

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

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

Sophomore Year
1. English
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 (Behind the Wheel)

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, social studies.
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	English
Math	Math	Math	Math
Science	Science	Science	Science
P.E./Drivers Ed Classroom	Health	U.S. History	U.S. History
		P.E./Behind the Wheel	P.E./Behind the Wheel

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.)

AGRICULTURE CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Introduction to Agriculture Industry	2	2	None
# Agriculture Business Management (odd years)	2	2	Grades 11-12, Intro to Ag. recommended
Biological Science Applications in Ag - Plant	1	1	Grades 10-12
Biological Science Applications in Ag – Animal	1	1	Grades 10-12
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

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.

Agricultural Business Management (Odd years)
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. Field trips and quest speakers will be utilized.

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.

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.

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. The greenhouse will be the lab for this class. Option to earn Black Hawk College credits towards certification. See your counselor for details.

Greenhouse Production & Floral/Landscape Design (Spring)
This course focuses on the Landscape industry. Major units of study include Landscape plant identification and greenhouse production as well as landscape design using Real Time Landscape Architect Software. Also includes: 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. The greenhouse will be in the lab for this class. Field trips will be included. There is an option to earn Black Hawk College credits towards certification. See your counselor for details.

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.

BUSINESS AND TECHNOLOGY CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Computer Concepts & Software Applications	1	1	Grade 9-12
Consumer Economics	1	1	Grade 9-10
Accounting I	1	1	Grade 10-12
Web Page Design	1	1	Grade 9-12
Computer Science	1	1	Grades 10-12
Business Law	1	1	Grade 11-12
Business Management/Entrepreneurship	1	1	Grade 11-12
Cooperative Education (COOP)	2	4	Grade 12
#AP Microeconomics (Odd years)	1	1	Grade 11-12
#AP Macroeconomics (Even years)	1	1	Grade 11-12

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.

Consumer Economics
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.

Accounting I
This will be an excellent beginning for anyone interested in moving on to study any form of business in college. Accounting I 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 Design
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.

Computer Science
Computer Science is a skill-level course focused on introduction and development of basic computer programming. Students will be introduced to modern programming language and major keywords and concepts for basic programming will be presented. The course objective will be to grow student skills of logic, problem analysis, and conversion of solutions to code language. By the end of the course, students will be able to solve rudimentary programming problems and strategize ways to generate computer programs to implement a fix.

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.

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 (Odd years)
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 (Even years)
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)
English 9	2	2	Grade 9
English 9 Honors	2	2	Grade 9, MS placement
English 10	2	2	Grade 10
English 10 Honors	2	2	Grade 10, teacher placement
English 11	2	2	Grade 11 or 12
English 12	2	2	English 11
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

Comprehensive Language Arts, Reading, Writing & Literature

English 9
English 9 is a survey course designed to give students experiences in reading and analyzing fiction and nonfiction, speaking and listening, developing vocabulary, and improving writing skills, including grammar and conventions. Students are expected to participate actively and show determination each day to grow as a reader, writer, and thinker.

English 9 Honors
English 9 Honors is an advanced course designed to give students intensive and challenging experiences in reading and analyzing fiction and nonfiction texts, speaking and listening, developing and expanding vocabulary, as well as improving writing, including grammar and conventions. Students are expected to participate actively and show determination each day to grow as a reader, writer and thinker. This course is not weighted on the Advanced Scale.

English 10
Composition courses build upon previous writing skills. 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.

English 10 Honors
English 10 Honors Composition is an advanced course designed to provide students with intensive critical thinking and challenging experiences involving reading and analyzing texts, enhancing their speaking and listening skills, continuing to expand their vocabulary, as well as improve their writing, grammar and conventions in preparation for taking Advanced Placement courses. Students will be expected to actively participate, demonstrate a growth mindset, and show a determination to grow as a reader, writer, and thinker. This course is not weighted on the Advanced Scale.

English 11
English 11 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 devices and standard English grammar and conventions receive greater emphasis than in previous courses.

English 12
English 12 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
The AP English Language and Composition course focuses on the development and revision of evidence based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum.
Requirements: Close reading and analysis of various texts is required during the summer prior to the course.
Pre-requisite: There are no prerequisite courses for AP English Language and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. Therefore, students must have passed and maintained at least a B average in their previous English 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.

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: There are no prerequisite courses for AP Literature and Composition Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. Therefore students must have passed and maintained at least a B average in their previous English 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.

English 101 Composition I (1st semester) 3 lecture hours, 3 BHC credits, 1 GHS English credit
Prerequisite: Qualifying ACT/SAT or ACCUPLACER score and grade 12 status.
The first of two courses in the one-year composition sequence, English 101 introduces students to college-level writing as a process of developing and supporting a thesis in an organized essay. English 101 requires students to read and think critically, and it emphasizes using appropriate style and voice as well as the conventions of standard English and citation. 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).

Electives- Elective courses are offered for elective credit only.

Media Literacy
Media Literacy courses enable students to understand and critically evaluate the role of media in society. Course content typically includes design elements, journalistic investigating and writing, photography, videography, and other multimedia technology and devices. Skills learned in this course will prepare students for 21st century careers.

FAMILY AND CONSUMER SCIENCE CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Family & Cons Science	2	2	Grade 9
Foods I	1	1	Grade 10-12
Foods II	1	1	Grade 10-12
Interior Design	1	1	Grade 11-12
+Child Development	1	1	Grade 11-12
+Parenting	1	1	Grade 11-12
Managing Lifestyles	1	1	Grade 12
Cooperative Education	2	4	Grade 12
NA 100 Extended Health Occupations Certified Nursing Assistant	2	4	Grade 12 (see description)

+ 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 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.

Family and Consumer Science
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.

Foods I
This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompass': food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; regional and international cuisine; and careers in nutrition and culinary arts.

Foods II
Nutrition and Culinary Arts II provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, safety and sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.

Interior Design
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.

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, 4 GHS elective credits
Prerequisite: Grade 12, Minimum GPA 2.5 after 5 semesters, ACT/SAT or an ACCUPLACER score.
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 in 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 8 students. Acceptance into this program will be based on GPA, attendance, discipline records and a passing placement score.

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

Special Course Requirements: Students should review admissions in foreign language at the college or university of their choice. **It is required that students enrolling in Spanish I earn a grade of "B-" or better in their previous semester of English. It is essential that 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 to the next semester or next level. They will have to repeat the entire course with a passing grade in each semester. For example: if fall semester of Spanish I is failed, the student will be removed from the course at semester, and can not re-enroll in Spanish I until the following school year.**

Introductory Spanish
Introductory Spanish is a modified Spanish 1 class and will be taught at a slower pace to ensure learning for all levels of students. Introductory Spanish is a yearlong class and a student will earn one credit per semester. Introductory Spanish will cover basic grammar and introductory vocabulary. Students who choose this track could take 1 year of Introductory Spanish, Spanish 1, Spanish 2, and Spanish 3.

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.

MATHEMATICS CURRICULUM

Course	Semester(s)	Credit(s)	Prerequisite(s)
Algebra I	2	2	MS Placement
Informal Algebra I	2	2	MS Placement
Geometry	2	2	Algebra I
Informal Geometry	2	2	Informal Algebra I
Transitional Math	2	2	Algebra II and Grade 12, Informal Algebra II with a Teacher Rec.
Algebra II	2	2	Geometry
Informal Algebra II	2	2	Informal Geometry
Pre-Calculus	2	2	Algebra II
Pre-Cal Math 112 & 116 (BHC and GHS Credit)	2	2	B- or higher in Algebra II, Grade 11 & 12
AP Calculus AB	2	2	Pre-Calculus or Pre-Cal Math 112 & 116
AP Calculus BC	2	2	Pre-Cal Math 112 & 116
Probability and Statistics	2	2	Algebra II
AP Statistics	2	2	Pre-Calculus

*Teacher may make individual recommendations that differ from this chart.

Algebra I
The Algebra I course is aligned to the Illinois State Standards and the Common Core Standards. The course includes operating with real numbers, real number properties, solving equations in one variable, translating word problems into equations including fractions, decimal, percent, ratio, and motion problems, graphing inequalities, disjunction, conjunctions, and linear equations, simplifying and operating with polynomials, rational expressions, and radicals, factoring polynomials, solving systems of linear equations and quadratic equations. It also includes graphing piecewise, step functions, quadratics and radical functions.

Informal Algebra 1
The Informal Algebra 1 course is aligned to the Illinois State Standards and the Common Core Standards. The course includes operating with real numbers, real number properties, solving equations in one variable, translating word problems into equations including fractions, decimal, percent, and ratio, graphing inequalities, disjunction, conjunctions, and linear equations, simplifying and operating with polynomials, and radicals, factoring polynomials, solving systems of linear equations and quadratic equations.

Geometry
The Geometry course is aligned to the Illinois State Standards and the Common Core Standards. The course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both the abstract and mathematical concepts as well as real-world applications. This is a course to develop and practice problem solving skills using inductive and deductive reasoning. It uses two, and three-dimensional geometric shapes (points, lines, planes, triangles, polygons, circles, and solids) and examines their properties, measurement, and mutual relations in space. Geometric proofs are used as a vehicle to systematically develop these problem-solving skills.

Informal Geometry
The Informal Geometry course is aligned to the Illinois State Standards and the Common Core Standards. The course includes an analysis of plane, solid, and coordinate geometry as they relate to both the abstract and mathematical concepts as well as real-world applications. This is a course to develop and practice problem solving skills using inductive and deductive reasoning. It uses two, and three-dimensional geometric shapes (points, lines, planes, triangles, polygons, circles, and solids) and examines their properties, measurement, and mutual relations in space. Geometric proofs are used as a vehicle to systematically develop these problem-solving skills.

Transitional Math
Transitional Math courses review and extend algebra concepts for students who have already taken Geometry and Algebra II, or Informal Algebra II with a teacher recommendation. Transitional Math courses include a review of such topics as properties and operations of real numbers, graphing and solving linear, polynomial (including quadratics), exponential, logarithmic, radical, and rational functions.

Algebra II
The Algebra II course is aligned to the Illinois State Standards and the Common Core Standards. The course builds on topics presented in Algebra I and Geometry, including the study of linear equations, quadratic equations, solving systems of linear and quadratics, operations with rational and irrational expressions, factoring rational expressions. The course also includes trigonometric concepts with a focus on right triangles, explorations of polynomial, exponential, logarithmic, and inverse functions, including the graphing of these functions. It also covers Sequences and Series.

Informal Algebra II
The Informal Algebra II course is aligned to the Illinois State Standards and the Common Core Standards. The course builds on topics presented in Algebra I and Informal Geometry, including the study of linear equations, quadratic equations, solving systems of linear and quadratics, operations with rational and irrational expressions, factoring rational expressions. The course also includes trigonometric concepts with a focus on right triangles, explorations of polynomial, exponential, logarithmic, and inverse functions, including the graphing of polynomial and exponential functions.

Pre-Calculus
Pre-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, mathematical induction, sequences and series, and limits and continuity.

Pre-Calculus Math 112
Prerequisite: Qualifying SAT/ACT score or ACCUPLACER score and Grade 11 or 12 status. **4 BHC credits, 1 GHS credit**
The first of two courses in the one-year Math sequence, Pre-Cal 112 includes the study and theory of properties of functions, graphs of functions with symmetry and translations; including polynomial functions, rational functions. The course also explores exponential and logarithmic functions, systems of equations, matrices, and conic sequences.

Pre-Calculus Math 116
Prerequisite: Successful completion of Math 112. **3 BHC credits, 1 GHS credit**
The second of two courses in the one-year Math sequence, Pre-Cal 116 includes an emphasis on Trigonometry, learning circular functions, identities, conditional equations, right triangle trigonometry, solution of oblique triangles, inverse functions, complex numbers and polar coordinates. The course will also cover limits and an introduction to differential calculus.

AP Calculus AB
Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides 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 the 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 course has students describe, explore, and compare sets of data by organizing, graphing, and looking at the measures of center and dispersions. Rules of probability are applied to a variety of scenarios, including area under the curve. Students will estimate sample size, conduct hypothesis tests, and make inferences when comparing two samples.

AP Statistics
Following the College Board's suggested curriculum designed to parallel college-level statistics courses, the purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring data, sampling and experimentation, anticipating patterns, and statistical references. 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.

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 (Adv Wellness requires teacher permission)
Health	Grade 9
Drivers' Education – Classroom /Physical Education	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
General 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. Weekly fitness days and weight room days are also included in the program.

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. Students in grade 9 can only take this for elective credit as it does not fulfill the PE requirement for graduation.

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
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.

* For information about PE waivers, please refer to the PE Waiver Information & Application posted on the GHS website. The Geneseo High School page can be found at www.geneseoschools.org. Click the Counseling link and choose the Course Planning Guide. The PE Waiver Information & Application is listed beneath the link for Physical Education Curriculum.

***Students who plan to enroll in Behind the Wheel are expected to have their drivers permit before the first day of driving. Failure to obtain a permit prior to the start of the quarter in which they will drive will mean completion of Behind the Wheel will be delayed. This course may not be repeated after dropping or failing unless there is an available seat after all other eligible students are placed.

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 & Geometry concurrently
Biology Advanced Studies	2	2	Teacher placement & Geometry concurrently
Forensic Science	2	2	Grades 11th and 12th
Anatomy & Physiology	2	2	Biology & Chemistry required
AP Biology	2	2	Biology & Chemistry required
Chemistry	2	2	Algebra II required or concurrently, Biology required
Chemistry Advanced Studies	2	2	Teacher placement, Algebra II required or concurrently and AS Biology required or B or higher in General Biology
AP Chemistry	2	2	Advanced Studies Chemistry & Algebra II required
Physics	2	2	Algebra II
AP Physics I	2	2	Algebra II and Chemistry

Earth Science
Earth Science courses offer insight into the Earth's systems and resources, emphasizing human uses and impacts on the Earth. 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, and meteorology.

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: ecosystems, population and growth studies, pollution, and conservation of natural resources and the overall impact and influences humans have on the environment.

Biology
Biology courses are designed to provide practice and learning opportunities in the fundamental concepts of life and life processes. These courses include, but are not restricted to, such topics as cell structure, function and reproduction, genetics, evolution, ecology, adaptations and interactions among living organisms in real-world applications and problems in which students develop scientific process skills.

Biology Advanced Studies
This Biology course is taught using anchoring phenomena to engage students and provide opportunities to develop scientific knowledge and skills in order to find solutions to real world problems. Topics that may be explored include cell organization, function, and reproduction, energy transformation, ecology, and the evolution and adaptation of organisms. Each student will be required to do a supplemental project each quarter. 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.

Forensic Science
Forensic Science is a high-interest, inquiry-rich integrated science that emphasizes critical thinking and problem solving through the use of real-world forensic science methodologies. For every piece of physical evidence brought in for analysis, the student must apply the scientific method. Students will learn the strengths and limitations of each forensic technique and its appropriate use in the courtroom. Using computational thinking and mathematical modeling, the students will be able to quantitatively determine the effectiveness of each analytical technique.

Anatomy and Physiology
Usually taken after a comprehensive initial study of biology and chemistry, 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. Completion of biology and chemistry prior to enrollment in this course is required.

AP Biology
Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses. AP Biology courses enable the student to develop advanced inquiry and reasoning skills and connect concepts in and across domains. These courses cover 4 big ideas: Evolution, energy, information (genetics), and systems. 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
General chemistry examines fundamental principles with characterize properties of matter and their reactions. Students will be exposed to lab experiments, and investigations, to reinforce chemistry concepts. Topics include, but are not limited to: measurement, atomic structure, electron configuration, nomenclature, gas laws, stoichiometry, chemical reactions and acids and bases. ***Please see pre-requisites.**

Chemistry Advanced Studies
Chemistry—Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include atomic structure, thermodynamics, reactions, acids and bases, electrochemistry-and more. 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. ***Please see pre-requisites.**

AP Chemistry
Following the curricula recommended by the College Board, AP Chemistry courses usually follow high school chemistry and second-year algebra. The framework is organized into 9 Units. The College Board curriculum emphasizes inquiry to prepare for 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 is an inquiry-based course designed to expand on the principles of how and why the world around us works and find practical applications of physics through labs, data analysis, problem solving, and discussions. Students will investigate the topics of motion, force, energy, electricity, magnetism, waves, sound and light.

AP Physics I
Following the Curricula recommended by College Board, AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. 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. The text book used for this course is "College Physics: A Strategic Approach" 3rd Edition, by Knight, Field and Jones.

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	1	1	Grade 11-12
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 See course description
Economics	1	1	Grade 11, 12
Sociology	1	1	Grade 11, 12
Humanities	1	1	Grade 11, 12, GPA 3.0

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 and Ancient Civilization are the only Social Studies electives for Freshman, however, it is open to Grade 9-12 students.

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. Western and Ancient Civilization are the only Social Studies electives for Freshman, however, it is open to Grade 9-12 students.

Contemporary World Issues
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 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.

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**. Prerequisites:** Completed AP US History or completed regular US History with a B+ or better. Students are required to purchase an online textbook for this class. 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 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.

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 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. 5/27-21 History of the United States.

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)
Informal Mathematics	2	2
Plane Geometry	2	2
General Math	2	2
Pre-Algebra	2	2
# Integrated Science	2	2
# Unified Science	2	2
U.S. History	2	2
U.S. Government	1	1
# Contemporary U.S. Issues	1	1
# World Geography	1	1
Life Skills (English, Math, Science and Social Studies)	2 (each)	2 (each)
Community Experience	2	2
Adapted Physical Education	2	2
Health Education	1	1
Corrective Reading	2	2
Strategic Reading	1	1
Personal Finance	1	1
# Introduction to Computers	2	2
# Industrial Arts	2	2
# Family Living	2	2
Life Long Learning	2	2
Study Skills	1	1
Tutorial	2	0
# Career Exploration	2	2
# Employability Skills	2	2
Workplace Experience (STEP)	2	4

Alternating year class.

English

English I - English/Language Arts I (9th grade)
The English/Language Arts I course builds upon students' prior knowledge of grammar, vocabulary and word usage to develop the mechanics of writing. The course emphasizes reading and annotating, writing, speaking, and listening. Students will be exposed to various genres of literature with writing exercises linked to reading selections.

English II - English/Language Arts II (10th grade)
The English/Language Arts II course offers a balanced focus on composition, public speaking and literature. Students learn about purpose and audience analysis through speech preparation and by writing a persuasive, critical, and creative multi-paragraph composition. Through the study of various genres of literature, students improve their reading rate and comprehension and develop the skills to determine the author's intent and theme.

English III - English/Language Arts III (11th grade)
The English/Language Arts III course continues 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.

English IV -English/Language Arts IV (12th grade)
The English/Language Arts IV course blends 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.

Mathematics

Informal Mathematics
The Informal Mathematics courses emphasizes 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.

Plane Geometry
The Informal Geometry course emphasizes a practical approach to the study of geometry and deemphasizes 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
The General Math course reinforces and expands 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
The Pre-Algebra courses increases 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.

Science

Integrated Science
The specific content of the Integrated Science course varies, but it draws upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organizes the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. This course uses appropriate aspects from each specialty to investigate applications of the theme.

Unified Science
The Unified Science course combines 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—The comprehensive course provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. Course content may include a history of the North American peoples before European settlement.

U.S. Government
U.S. Government—The comprehensive course provides an overview of the structure and functions of the U.S. government and political institutions and examines 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. This course examines the structure and function of state and local governments.

Contemporary U.S. Issues
The contemporary U.S. Issues course studies the political, economic, and social issues facing the United States. This course focuses on current issues and examines selected issues that span throughout the 20th century to the present.

World Geography
The World Geography course provides 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, shopping/preparing food, and selecting clothing/building a wardrobe for the season are often integral to these classes. Additional topics may be covered including; banking, insurance, taxation, and consumer protection.

Community Experience
The Community Experience course is a transition class designed to bridge students from school to work in the local community. Course assignments and activities will include: interest inventories for student job placement, various job shadow experiences, resume creation, participation in employee social skill lessons, scheduling transportation, and demonstration of appropriate work ethics at job placement(s).

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 course 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 studies of environmental health, personal development, and/or community resources.

Electives

Corrective Reading – Decoding
The Corrective Reading course offers diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with students' progress in developing reading skills and understandings. Activities are chosen to increase or improve students' reading comprehension, reading technique, and general literacy skills.

Strategic Reading – Comprehension
The Strategic Reading course is intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although this course typically emphasizes works of fiction, it may also include works of nonfiction (including textbooks). Strategic Reading course often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

Personal Finance
The Consumer Economics/Personal Finance course provides 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. This course may also provide an overview of the American economy.

Introduction to Computers
The Introduction to Computer course introduces 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. This course typically explores 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
The Industrial Arts course exposes students to the tools and machines that they may encounter in manufacturing-related occupations and enables 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. This course typically covers general safety and career exploration as well.

Family Living
The Family Living course emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. This course often emphasizes (but is not limited to) topics such as social/dating practices, the function of the family unit, personal hygiene, food preparation, sewing, self-development, personal awareness, and preparation for the responsibilities of a family member.

Life Long Learning
The purpose of this course is to increase opportunities for life long learning skills. It will be geared towards those students who need exposure and task-oriented practice. The classroom will be the entire community. It will be a two-fold curriculum, which offers skills-based tasks with social/emotional learning. It will include conversational skills, decision-making skills, goal setting, and handling anxiety that goes along with each skill-based task.

Study Skills
The Study Skills course prepares students for success in high school and/or for postsecondary education. Course topics may vary according to the students' needs but typically include analysis of organizational strategies, time-management, reading improvement skills, annotation and note-taking, outlining, library and research skills; listening; vocabulary development; and test-taking skills. The course may also include exercises designed to generate organized, logical thinking and writing.

Tutorial
The Tutorial course provides students with the assistance they need to successfully complete their coursework in the least-restrictive environment and helps students build upon deficit-area skills as outlined in their respective IEPs. It offers students an opportunity to plan and achieve transition goals.

Career Exploration
The Career Exploration course helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. This course exposes 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
The Employability Skills course helps 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)
The Workplace Experience (STEP) course provides 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)
Wood/Metal Processing	1	1	Grade 9-12
Drafting	1	1	Grade 9-12
Cabinetmaking & Millwork I	1	1	Grade 9-12
Cabinetmaking & Millwork II	1	1	Grade 9-12 (Cabinet I)
Automotive Technology I	1	1	Grade 10–12
Automotive Technology II	1	1	Grade 10–12 (Auto Tech I)
Welding Technology I	1	1	Grade 11-12 (Metals)
Welding Technology II	1	1	Grade 11-12 (Welding I)
Audio / Video Production I	1	1	Grade 9-12
Construction Trades I (Not offered 20-21)	1	1	Grade 10-12 (Cabinet I)
Construction Trades II (Not offered 20-21)	2	2	Grade 11-12 (Construction Trades I)
Machine Tool Technology / Machinist I	1	1	Grade 10-12 (Metals)
Machine Tool Technology / Machinist II	1	1	Grades 10-12 (Machinist I)
Energy/Intro Tech and Engineering	1	1	Grades 9-12
Cooperative Education	2	4	Grade 12

Metal/Wood Processing
Metal and Wood Processing/Production courses include studying the properties of metals, woods, and composites and using these materials to construct usable products. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

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.

Cabinetmaking & Millwork I
This course introduces the students to the basic design and fabrication of residential cabinetry and custom furniture. Instruction includes safety practices in using hand tools and power equipment, measurement, species of wood, as well mass production.

Cabinetmaking and Millwork II
This course is a continuation of Cabinetmaking and Millwork I. Students will continue to be made aware of resources, technical processes, industrial applications, and technical impacts of wood manufacturing technology. Emphasis will be given to the work place environment including safety, record keeping, precision measuring, and quality. This course will prepare the student for placement in an entry-level position in a typical custom woodworking shop. Advanced machine operations and mastery of wood working equipment will be implemented.

Automotive Technology I (Small Engines)
This course introduces the students to occupations in the automotive industry. Shop safety, tools, and measurement instruments will be covered. In-depth study will be given to the basic internal combustion engine including the disassembly and reassembly of a 4 stroke Briggs and Stratton V-Twin.

Automotive Technology II (Systems and Maintenance)
This course introduces the students to the auto repair industry. Advanced tools, and measurement instruments will be covered. All basic maintenance procedures will be covered as well as minor repairs. Exploration of basic systems of the auto and work on it will be performed on vehicles in the school shop.

Construction Trades I
This course provides learning experiences related to the erection, installation, maintenance, and repair of building structures and related utilities. Instruction will cover tool and shop safety, construction terminology, concrete work, basic wall framing, home electrical system, home plumbing systems, and HVAC systems.

Construction Trades II
This course provides job site experience related to the construction of residential and commercial buildings. Students will be at the jobsite periods 5 – 7 using the skills and knowledge gained through Construction Trades I to complete a medium to large-scale construction project. Construction Trades II is a two-semester course. See your counselor for details.

Welding Technology I
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
This course builds on the skills and concepts introduced in Welding Technology I and provide 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
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.

Machine Tool Technology / Machinist I
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.

Machine Tool Technology / Machinist II
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 & numerical controlled machining. Students will focus heavily on using the CNC machine.

Energy/Intro Tech and Engineering
Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

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.

VISUAL AND PERFORMING ARTS CURRICULUM

Course	Semester(s)	Credit	Prerequisite(s)
Drawing I	1	1	Grades 9-12
Painting I	1	1	Grades 9-12
Sculpture I	1	1	Grades 9-12
Ceramics I	1	1	Grades 9-12
Graphic Design I	1	1	Grade 11-12
Graphic Design II	1	1	Grade 11-12
Drawing II	1	1	Drawing I
Painting II	1	1	Painting I
Ceramics II	1	1	Ceramics I
Sculpture II	1	1	Sculpture I
Art Portfolio	1	1	Grades 11–12 & level I & II of any art class
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
Choir	2	2	Grades 9-12

Visual Arts

Drawing I
Drawing I is a beginner class that focuses on drawing while using a variety of media such as colored pencil, charcoal, pen-and-ink, chalk pastel, and so on. The students will learn and explore a variety of styles and techniques that will develop their skills and understanding. Drawing I is a prerequisite for Drawing II.

Painting I
Painting I is a beginner class that focuses on painting while using watercolor, acrylic, spray pain and mixed media. Students will learn and explore a variety of styles and techniques that will develop their skills and understating. Painting I is a prerequisite for Painting II.

Sculpture I
Sculpture I focus is on creating three-dimensional works of art. Students work with several types of media such as wood, wire, plaster, textiles, etc. Sculpture I is a pre-requisite for Sculpture II.

Ceramics I
Ceramics I focus is on creating three-dimensional works out of clay. 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. Students will work with hand-building techniques as on the pottery wheel. Ceramics I is a prerequisite Ceramics II.

Graphic Design I
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.

Graphic Design II
Graphic Design II courses relate and apply creative expression and design principles to the field of advertising and commercial art. The courses offer practical experiences in generating original ideas, executing layouts, and preparing artwork for reproduction. Graphic Design II courses may also provide a historical and contemporary view of art as students learn to critique work.

Drawing II
Drawing II is designed to allow students to concentrate on drawing in a medium of their choice. Students will explore their own style and strengthen their skills. This is a one semester course open to students that have completed Drawing I.

Painting II
Painting II is designed to allow students to concentrate on painting in a medium of their choice. Students will explore their own style and strengthen their skills. This is a one semester course open to students that have completed Painting I.

Ceramics II
Ceramics II is a one semester course that 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. This course is open to students that have completed Ceramics I.

Sculpture II
Sculpture II is a one semester course that is designed for students to begin to concentrate in one medium of their choice. Advanced materials and methods will be taught, including glass and metals. This is a one semester course open to student that have completed Sculpture I.

Art Portfolio
During this course students will create a portfolio of work (collection of personal artworks) in their area of interest. Students will continue to advance and develop new art skills and techniques. Students will also have opportunities to observe and learn in an internship relationship with members of the community collaborating with them about their artwork. (David Smith, the various art galleries in Geneseo, and The Figge Art Museum – just a few examples)

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.

Choir
Choir courses provide the opportunity to sing a variety of choral literature styles for high school aged voices and are designed to develop vocal techniques and the ability to sing parts, while strengthening overall musicianship.

Guidelines for Enrolling and Earning Credits as a Dual Student through Black Hawk College: (Subject to change per BHC requirements)

COURSE	GRADE	DUAL ENROLLMENT	COST	PRE-REC	OTHER
ENGLISH 101/102	12	GHS English: 1 credit/semester BHC: 3 credits/semester/course	$25.00/credit Per semester Plus books	ACT: 22 or higher on English and Reading SAT: 480 or higher on Rdg/Wrt ACCUPLACER: 5 on Writing and 255 on Reading	Must be a Dual Student Summer Reading requirement
HORTICULTURE OR GREENHOUSE	11/12	GHS English: 1 credit/semester BHC: 3 credits/semester	$25.00/credit Per semester	None	Must be a Dual Student: BHC courses: Hort 192/292
NA 100 (CNA) Hammond Henry Hospital	12	GHS: 2 credits/semester BHC: 8 credits total	Approximately $1192.00 plus fees	Background check	Must be a Dual Student: Through HHH, 8 seats available
ON-LINE PSYCHOLOGY	11/12	GHS: 1 elective credit BHC: 3 credits Does not count in GHS GPA	Approximately: $149.00/credit hour plus books	ACT: 22 or higher on Reading SAT: 390 or Higher Rdg/Wrt	Must be a Dual Student
ON-LINE SPEECH	11/12	GHS: 1 elective credit BHC: 3 credits Does not count in GHS GPA	Approximately: $149.00/credit hour plus books	No pre-rec	Must be a Dual Student This course is completed independently of GHS staff May be on 8 week course
PRE CALC 112/116	11/12	GHS Math: 1 credit/semester BHC: 4 credits/112 3 credits/116	$25.00/credit Per semester Plus books	Complete Algebra 2 with a B- or higher ACT: 22 or higher on Math SAT: 530 or higher Math ACCUPLACER: 227 or higher	Must be a Dual Student

Updated 9/2020

*prices are subject to change per Black Hawk College
Updated on 09/2020