Greeneview High School
Course Catalog
2024-2025

***STUDENTS MUST MEET PREREQUISITES FOR COURSES. STUDENTS WILL BE MOVED AT END OF YEAR TO PROPER COURSE INDICATED BY FINAL GRADE. ***

***ALL COURSES MAY NOT BE AVAILABLE DUE TO ENROLLMENT NUMBERS AND STAFFING.

***ALL COURSE FEES ARE SUBJECT TO CHANGE. FEES WILL BE DETERMINED IN AUGUST.

AGRICULTURAL EDUCATION

AGRICULTURE, FOOD AND NATURAL RESOURCES – The first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power equipment technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.
Level: 9 Limited enrollment. Selection based on attendance and discipline records, recommendations, and career objectives.
Credit: 1 1/4 Length: Year

ANIMAL AND PLANT SCIENCE (**Offered in odd graduation years**) – Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined
Level: 11/12. Limited enrollment. Selection based on attendance and discipline records, recommendations, and career objectives, and qualifications for Tech Prep and S.T.S. Required prerequisite: Ag Food and Natural Resources. Must speak with the Agricultural instructor to decide the course pathway.
Credit: 1 1/4 Length: Year

MECHANICAL PRINCIPLES – Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn construction basics, electrical theory, Plumbing, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metal welding. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.
Level: 10 Limited enrollment. Selection based on attendance and discipline records, recommendations, and career objectives. Required prerequisite: Ag Food and Natural Resources. Must speak with the Agricultural instructor to decide the course pathway.
Credit: 1 1/4 Length: Year

BUSINESS MANAGEMENT FOR AG AND ENVIRONMENTAL SYSTEMS **(Offered in even graduation years)** –Open to Seniors only. Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implication of business regulations will be
identified.
Level: 11/12 Limited enrollment. Selection based on attendance and discipline records, recommendations, and career objectives, and qualifications for Tech Prep and S.T.S. Required prerequisite: Ag Food and Natural Resources. Must speak with the Agricultural instructor to decide the course pathway.
Credit: 1 ¼ Length: Year

HOME & FARM REPAIR - Students will learn basic home and Farm repair and maintenance skills that will include construction, masonry, plumbing, welding, wood working, electrical and equipment maintenance/ operation.
Level: 9-12 Credit: 1 Length: Year

All Ag courses are $25.00 (this will include membership in local, State and Nation FFA)

ART

2-D DESIGN - Do you enjoy drawing and painting? This course will introduce you to different 2-Dimensional art techniques. Students get to explore a variety of mediums, such as pencil, paint, ink, and more. Learn the fundamentals of art and design and incorporate your skills into a variety of projects. Course Fee: $20
Level: 9-12 Credit: 1/2 Length: Semester

3-D DESIGN- Do you like to make things with your hands? This course will introduce you to a variety of mediums used to create 3-Dimensional artwork. Experiment with plaster, clay, paper mache, and other sculptural materials. Learn the fundamentals of art and design while creating interesting sculptures. Course Fee: $20
Level: 9-12 Credit: 1/2 Length: Semester

ADVANCED 2-D DESIGN - This is an advanced version of 2-D Design. You will continue to develop your 2-Dimensional art techniques and create advanced, developed artworks. Students get to explore a variety of mediums, such as pencil, paint, ink, and more. Learn the fundamentals of art and design and incorporate your skills into a variety of projects. Prerequisite: A or B in 2-D Design Course Fee: $20.
Level: 10/11/12 Credit: 1/2 Length: Semester

ADVANCED 3-D DESIGN- This is an advanced version of 3-D Design. Students will be developing and creating advanced, detailed sculptures made from multiple media. Experiment with plaster, clay, paper mache, and other sculptural materials. Learn the fundamentals of art and design while creating interesting sculptures. Prerequisite: A or B in 3-D Design Course Fee: $30.
Level: 10/11/12 Credit: 1/2 Length: Semester

ADVANCED ART - This course is offered for the serious art students who want to advance their artistic skills and develop a portfolio for a future in the Arts. Students will create advanced artwork using multiple 2-D and 3-D techniques. Art appreciation and art history will be discussed and related to art creation. Post-secondary art opportunities will be discussed, allowing students to get a jump-start on their future art endeavors. Advanced Art is required to work on the Senior Wall. Prerequisite: 2D & 3D Design and teacher approval. Course Fee: $50

CERAMICS I - This course explores hand building and wheel throwing techniques. Students will create functional and sculptural works out of clay. Students will learn about the history and relevance of ceramic items from the past and present. Course Fee: $50
Level: 9-12 Credit: 1/2 Length: Semester

CERAMICS II - This course builds on the skills and techniques learned in Ceramics. Students will be able to get more in depth with wheel throwing, as well as experiment with advanced sculptural work and glazing techniques.
Prerequisite: A or B in Ceramics I. Fees: $50
Level: 9-12 Credit: 1/2 Length: Semester

CERAMICS III - This course is designed for the serious artist that excels in clay works. The focus will be student-driven, with many options to explore new and different clay techniques. Show your skill at wheel throwing and hand building out of clay. Prerequisite: A or B in Ceramics II, teacher approval.Fees: $50
Level: 10/11/12 Credit: 1/2 Length: Semester

INTRODUCTION TO PHOTOSHOP -**(Offered in odd graduation years)** - This course is an introduction to the basics of Photoshop. Students will learn tools and skills in Photoshop. In this class students will create logos and magazine covers, manipulate photos, develop concepts for businesses, and gain an understanding for basic design concepts. Fees: $30
Level: 9-12 Credit: 1/2 Length: Semester

ADVANCED PHOTOSHOP **(Offered in even graduation years)** - This course is a continuation on Introduction to Photoshop. It provides an opportunity to learn more in depth concepts and techniques in graphic design. Students will create and manipulate in Adobe Illustrator and Photoshop. Digital artwork will be created utilizing Mac laptops, digital cameras, and scanners.
Prerequisite: A or B in Introduction to Photoshop Fees $30
Level: 9-12 Credit: 1/2 Length: Semester

INTRODUCTION TO ADOBE ILLUSTRATOR **(Offered in even graduation years)** - In this introductory Adobe Illustrator course you'll learn how to use Adobe Illustrator to create high-quality vector illustrations, logos, and other custom artwork. This class is for anyone who needs to understand the workspace, tools, and drawing features that are available in Adobe Illustrator. If taken the same school year with Advanced Adobe Illustrator you will have the chance to earn a college credit.
Prerequisite: None. Course Fee: $30
Level: 9-12 Credit 1/2 Length: Semester

ADVANCED ADOBE ILLUSTRATOR **(Offered in even graduation years)** - In this Advanced Adobe Illustrator course you'll develop your skills in Adobe Illustrator to create high-quality, professional vector illustrations, logos, and other custom artwork. This class is for anyone who needs to understand the workspace, tools, and drawing features that are available in Adobe Illustrator. If taken the same school year with Introduction to Adobe Illustrator you will have the chance to earn a college credit.
Prerequisite: A or B in Intro to Illustrator Course Fee: $30
Level: 9-12 Credit 1/2 Length: Semester

BUSINESS

BUSINESS MANAGEMENT- This course is aimed at introducing students to the fundamental skills in general management, human resources, operations, and more! We will also explore different types and sizes of businesses. Students should be prepared for an interactive class that will include hands-on activities and group discussions
Level: 9-12 Credit: 1/2 Length: Semester

CAREER PLANNING- This course is designed to help students master the needed skills to land their dream job! The students will take part in career research rooted in personal values, beliefs, and goals. Students will be taught how to master and acquire abilities needed to achieve desired career goals. Students will learn the vital skills of resume writing, cover letter creation, professional dress, and interview skills.
Level: 9-12 Credit: 1/2 Length: Semester

ENTREPRENEURSHIP- This course provides students the opportunity to access both benefits and risks associated with self employment. Students will develop a wide range of competencies and decision-making skills needed to start a small business. Students will work through a series of structured peer activities and assignments that correspond with each phase of new venture planning. Throughout the class students refine their venture's hypothesized business model based on instructor, visiting experts, and peer feedback. Students will have the opportunity to create and run their own student start up business.
Level: 9-12 Credit: 1/2 Length: Semester

FINANCIAL LITERACY- This course is designed to introduce the student to basic financial literacy skills to help them make responsible financial decisions. Concepts covered include financial planning, bank accounts, credit and loans, wages and taxes, investments, and insurance. Students will gain the information and skills to implement a life-long plan for financial success
Level: 9 Credit: 1/2 Length: Semester

LEADERSHIP- This course is designed to allow students the opportunity to explore the concept of leadership. The course will begin with self-discovery in order to pinpoint your WHY, essential in building an individual leadership approach. Students will study successful leaders, identify their personal leadership strengths and weaknesses, and gain a better understanding of what leadership is all about. Students will be expected to reflect on their own experiences as well as analyze those of others. Various readings, videos, and discussions will be used to illustrate and reinforce the concepts covered throughout the course
Level: 9-12 Credit: 1/2 Length: Semester

MONEY MANAGEMENT AND INVESTING- This course is designed to explore the many ways students can use money wisely now to secure their future. The students will develop practical decision making skills through gaining knowledge from topics covered such as: investing, savings options, budget creation, debt avoidance, consumer awareness, and bargain shopping. Students will learn the concept of living within their means while investing money for long term need and wealth building.
Level: 9-12 Credit: 1/2 Length: Semester

ENGLISH

ENGLISH I - This course teaches the fundamentals of the writing process through the multiple genres of writing such as argumentative, narrative, informative, and research writing. Students will also enhance and develop their critical thinking, speaking, listening, and reading skills through the study of novels, short stories, drama and poetry. Students review basic grammar concepts while completing assignments. Fees: $20.00
Level: 9 Credit: 1 Length: Year

ENGLISH I HONORS - this teaches the fundamentals of the writing process through the study of novels, short stories, drama and poetry while preparing students for the higher level English courses. There will be extensive reading and writing. Students must meet honors criteria. Fees: $20.00.
Level: 9 Credit: 1 Length: Year

ENGLISH II - This course is designed to familiarize students with non-fiction. The class is organized thematically and works to build the skills students will need in future English classes. Students will complete a variety of both short and long writing prompts and will interact with concepts that will be fundamental to future classes. Fees: $5.00
Level: 10 Credit: 1 Length: Year

ENGLISH II HONORS – In addition to the regular English II curriculum, this class will assist students in becoming skilled readers of prose in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. There will be extensive reading and writing. Students must meet honors criteria. Fees: $5.00.
Level: 10 Credit: 1 Length: Year

ENGLISH III - This course is an overview of American literature, featuring a variety of prose and poetry. The class considers themes that have developed over the course of American history and how they relate to who we are today. This class balances literary analysis and research-based analysis to prepare students for college and the future. Fees: $5.00
Level: 11 Credit: 1 Length: Year

ENGLISH IV - This course features a wide range of contemporary and classic literature, including nonfiction, poetry, and prose. Students will develop and practice college preparatory research and professional writing skills. MLA and APA style research papers and outside reading are required. Fees: $20.00
Level: 12 Credit: 1 Length: Year

CCP ENGLISH I - Clark State ENG 1111 - Writing and revising process, academic and argumentative essays; literary examples of descriptive, narrative, expository, and persuasive modes; language issues and library skills. Writing intensive. Primary focus on formal, written work, composed for a variety of audiences. Prerequisite: Students must meet minimum score requirements on college placement test or ACT

Level: 11-12 Credit: 1 - GHS 3 - College Length: Semester

CCP ENGLISH II - Clark State ENG 1112 - Critical thinking, persuasive writing, research skills, and literary analysis. Writing intensive. Writing a variety of texts, including the researched essay. Opportunities for revision. Minimum of 5000 total words (20 pages). Electronic or other projects of academic rigor and substance considered. Primary focus on formal, written work. Prerequisite: ENG 1111 with a grade of C or higher

Level: 12 Credit: 1 - GHS 3 - College Length: Semester

CCP INTRO TO LITERATURE - Clark State ENG 1600 - Critical readings, discussion and analysis of poetry, fiction, and drama. Prerequisite: ENG 1111

Level: 11-12 Credit: 1-GHS 3 - College Length: Semester

CCP GREAT BOOKS: WORLD LITERATURE - Clark State ENG 2300 - Chronological selection of the major works, genres, and periods of world literature beginning with the ancients and progressing through modern times. 3 credit hours. Prerequisite(s): ENG 1111. Pre/Corequisite(s): ENG 1112.

Level: 11-12 Credit: 1-GHS 3 - College Length: Semester

AP ENGLISH LANGUAGE AND COMPOSITION – follows the Advanced Placement syllabus and students take the AP test in May to receive college credit. In this college-level course, students will become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes.

Level: 11 Credit: 1 Length: Year

INTRODUCTION TO FILM CRITICISM – This course will equip students to analyze movies for both how they're made and how we watch them. In the course, students will learn to analyze films through three lenses: the Literary (focus on story), the Dramatic (focus on acting), and the Cinematic (focus on film technique). Specifically, students will be able to define film terminology, analyze use of cinematic effects, examine film history, differentiate between various cinematic genres, and compose effective film reviews.

Level: 9-12 Credit: 1/2 Length: Semester

LITERATURE IN POPULAR CULTURE is a semester course for students who want to explore a variety of popular culture texts, including recent best-selling novels, songs, films, fashion, and television shows. In addition to discussions, students will participate in reading and writing workshops. Further, journal writing and sustained silent reading will be routinely incorporated to help with comprehension skills, while creating an appreciation and interest in reading.

Level: 9-12 Credit: 1/2 Length: Semester

HEALTH AND PHYSICAL EDUCATION

FITNESS FOR LIFE – The purpose of this class is to help students become informed, independent decision makers capable of planning for enjoyable lifetime fitness and physical activity while achieving personal fitness. Objectives include: 1)acquire knowledge of the benefits of physical activity; 2)acquire self-management skills to promote lifelong physical activity; 3) become physically active while pursuing goals to become physically fit; and 4) become independent decision-makers who can plan his/her own fitness program. Circuit Training: M-W-F Conditioning: T-TH
Level: 9-12 Credit: 1/4 Length: Semester

HEALTH - Development of desirable behaviors, attitudes, and knowledge about physical, mental and social health. The course motivates and teaches pupils to live in such a way that they will formulate habits and values essential for healthy and happy living. Also includes CPR certification and sex education. Fees: $28.00
Level: 9-12 Credit: 1/2 Length: Semester

INDIVIDUAL & TEAM SPORTS – This is an entry-level class emphasizing beginner skills in a broad spectrum of activities in order to develop a foundation for future physical activity. Students will learn the rules, skills, and strategies necessary to be successful in each activity. *Fitness Friday's: Students engage in various fitness related activities.
Level: 9-12 Credit: 1/4 Length: Semester

LANGUAGES

SPANISH I - This is a college preparatory class in which the beginning skills of listening, speaking, reading, and writing in the target language are introduced. Emphasis is given to Hispanic influence in the U.S. and to the culture of Spanish-speaking countries. In order to attain success, students should have a good knowledge of English grammar. Fee: $30.00
Level: 8-12 Credit: 1 Length: Year

SPANISH II - A continuation of Spanish I using listening, speaking, reading, and writing activities. Heavy emphasis is placed on acquiring a variety of new grammatical skills. Prerequisite: at least a "C" in Spanish I. Fee: $20.00
Level: 9-12 Credit: 1 Length: Year

SPANISH III – is a continuation of previous Spanish courses and the acquisition of the four basic language skills of listening, speaking, reading and writing. Much of this course will be conducted in Spanish, with the emphasis on improving oral and written language skills. Prerequisite: Spanish I and Spanish II with at least a "C". Fee: 20.00.
Level: 10/11/12 Credit: 1 Length: Year

SPANISH IV HONORS- This course is for serious language students only and will include extensive conversational practice encompassing discussions and debates in Spanish, reading literature, magazines, and newspapers, writing multi-paragraph passages on a variety of topics, and advanced research of cultural topics. Prerequisite: "B" average in Spanish III.
Fee: $30.00.
Level: 11-12 Credit: 1 Length: Year

AP SPANISH - This course is the equivalent of Spanish V, emphasizing the use of Spanish for active communication. It encompasses aural/oral skills, reading, comprehension, grammar, and composition. The goal of this course is to help you understand Spanish spoken by native speakers, develop an active vocabulary, and be able to express yourself in Spanish, both orally and in writing. Students may take the AP Test in May to receive college credit. Prerequisite: "B" average in Spanish IV.
Level: 12 Credit: 1 Length: Year

MATHEMATICS Students and/or parents can meet with the teacher of the previous class if they wish to discuss this placement.

***Option--Students with an "A" in Algebra I may request teacher permission to take both Geometry and Algebra II the following year.

PRE- ALGEBRA This course reviews key algebra concepts taught in the middle grades and explores basic Algebra 1 work with appropriate support. Students will work towards mastery in number and operations, expressions and equations, ratio and proportion, and basic functions. A minimum of 30 minutes of homework per night is expected.
Level: 9 Credit: 1 Length: Year

ALGEBRA I - Students will explore: foundations of Algebra, solving equations, solving inequalities, an introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and equations, radical expressions and equations, and data analysis and probability. A minimum of 30 minutes of homework per night is expected.
Level: 9-12 Credit: 1 Length: Year

ALGEBRA II - This course extends the knowledge gained in Algebra I to other functions. Students will use basic analytic, numeric, and graphical solutions. A minimum of 30 minutes of homework per night is expected.
Level: 9-12 Credit: 1 Length: Year

ALGEBRA II HONORS - A college preparatory class that is a continuation of Algebra I. This course will explore the properties of functions. It will expose the student to analytic, numeric, and graphical solutions. Students need a strong understanding of Algebra I to complete this class. A minimum of 45 minutes of homework per night is expected. It is a requirement that students buy a graphing calculator (TI-84 plus) or (TI-83 plus).
Level: 9-12 Credit: 1 Length: Year

GEOMETRY - Geometry is the branch of mathematics mainly concerned with two and three-dimensional figures and their properties that are seen in the world around us. We will use algebra, inductive and deductive reasoning, computer constructions, measurement, including area and volume, and coordinate geometry to explore these properties. All of the work by students in geometry class will use the Mathematical Standards of Practice, to assist and increase their learning throughout the course length. A minimum of 30 minutes of homework per night is expected.
Level: 9-12 Credit: 1 Length: Year

GEOMETRY HONORS - is concerned with two major areas of study: the study of geometric facts, and the study of proofs, reasoning, and logical thinking. Students develop skills that can be applied to higher-level mathematics, and real-world problems.This course is similar to Geometry but in a more accelerated way and is intended for students who will likely be taking other upper level mathematics courses in high school, and/or those pursuing a science-related career. The Honors Geometry course will incorporate algebra throughout the duration of the course. **PREREQUISITE:** Algebra I (B average or higher is recommended).
Level: 8-12 Credit: 1 Length: Year

STATISTICS - this course is designed to offer students a solid introduction to statistical concepts students will need when furthering their education. It will also apply many applications during the course.
Level: 12 Credit: 1/2 Length: Semester

TRIGONOMETRY - this course is designed to offer students a solid introduction to trigonometric concepts students will need when furthering their education. It will also apply many applications during the course.
Level: 12 Credit: 1/2 Length: Semester

AP PRE-CALCULUS - The Advanced Placement Pre-Calculus course follows the Advanced Placement syllabus and students take the AP test in May to receive college credit. This College Preparatory course is a study of elementary functions, geometry, logarithms, trigonometry, conic sections, probability, and statistics. It is a requirement that students buy a graphing calculator (TI-84 plus) or (TI-83 plus). A minimum of 45 minutes of homework per night is expected. Prerequisite: Teacher recommendation.
Level: 11-12 Credit: 1 Length: Year

AP CALCULUS AB - The Advanced Placement Calculus AB course follows the Advanced Placement syllabus and students take the AP test in May to receive college credit. It is the equivalent of an entry-level college Calculus class. Course study will include properties of functions, limits, differential calculus, and integral calculus. Use of symbolic differentiation and integration utilities is also included. It is required that students buy a graphing calculator (TI-83 plus, TI-84, or Inspire). A minimum of one-hour homework per night is expected.
Level: 11-12 Credit: 1 Length: Year

AP CALCULUS BC - The Advanced Placement Calculus BC course is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. It is required that students buy a graphing calculator (TI-83 plus, TI-84, or Inspire). A minimum of one-hour homework per night is expected.
Level: 12 Credit: 1 Length: Year

MEDIA COMMUNICATION

RAMBLER/YEARBOOK - The objective of this class is for you to plan, design and produce a quality digitally computer-based yearbook. Students must be self-motivated and self-disciplined. Knowledge and use of digital cameras, scanners, Adobe Photoshop and In Design are useful. Students must be able to set goals and work to meet them with deadline pressure. Good attendance and willingness to work with others is a must. Keeping a high level of academic achievement during the year is needed because you will miss some classes. Students applying for this class must fill out an application and have prior approval of the instructor. Students must be willing to attend extra curricular activities to get photographs.
This course may not be listed as an alternate course. Class is limited to 7-10 students.
Fee: $10 fee for individual memory cards for camera
Level: 9-12 Credit: 1 Length: Year

INTRO to DIGITAL COMMUNICATIONS I & II - In Intro to Digital Communications, students will learn the foundations of digital media creation, including knowledge of video equipment, filming techniques, and editing software. Fees: $15.00
Level: 9-10 Credit: 1/2 Length: Semester

DIGITAL COMMUNICATIONS - In Digital Communications, students will learn to create video and audio projects for broadcast and online distribution. Students will develop skills in the knowledge of video equipment, filming techniques, and editing software, along with the creation and production of the morning announcements.
Students applying to Digital Communications will need to either pass Intro to Digital Communications with a "B" or higher, or complete an application to be considered for this class. See the instructor for more details. Fees: $15.00 Application Required.
Level: 11-12 Credit: 1 Length: Year

MUSIC

SENSATIONS - Sensations, named "the singing voice of Jamestown", is a select group of 9-12th graders chosen by audition by the director from the general student body and membership of the Greeneview Vocal Music Department. This group performs a variety of music and dance styles. Members sing songs while performing dance routines. This show choir represents Greeneview High School in all choir concerts and scheduled community engagements. Although the membership's musical requirements are high, the foremost qualification is a strong desire to contribute extra time and effort for the overall benefit of the Vocal Music Department. Students must be willing to commit to rehearsals outside of the school day. These rehearsals can occur before school or any other time presented at the directors discretion. Outfits will be purchased by the members for a one-time fee of $150 added on to school fees.
Level: 9-12 Credit: 1 Length: Year

SYMPHONIC CHORALE -Symphonic Chorale is an auditioned group that will compete in multiple competitions including Large Group Contest. It is comprised of mixed voices, divided into Soprano, Alto, Tenor, and Bass. This group is for students who seek to improve their individual and ensemble choral skills through daily rehearsals which focus on more challenging choral literature. This group is also for students who seek growth in the area of music theory and sight-singing. Students selected for enrollment in Symphonic Chorale are

expected to attend and participate in all scheduled functions such as OMEA Large Group Contest, OMEA Solo and Ensemble, OMEA Honors Choir, AOSFYC Choir, etc.
Level: 9-12 Credit: 1 Length: Year

COLOR GUARD - Participation in Color Guard as auxiliary unit to marching band. Tryouts may be required. A participation fee will be charged. This is purely extra-curricular. Students are expected to be present at all rehearsals & performances.
Level: 9-12 Credit: 1/4 Length: Quarter

CONCERT CHOIR - Concert Choir is a non-auditioned mixed choir open to all female and male students grades 9-12. This group focuses on the basics of singing in a wide variety of styles including barbershop, jazz, gospel, popular and classical. The Concert Choir performs at GHS choir concerts, the OMEA large-group contest, and has the option of participating in the OMEA solo and ensemble event at an area high school. No previous experience is necessary. Fee: 20.00
Level: 9-12 Credit: 1 Length: Year

PIANO LAB - Piano Lab provides opportunities for students to start or to continue learning how to play the piano. Students will receive training in piano technique, music reading, and basic music theory and apply their growing knowledge and skills to playing pieces and songs ranging from classical to popular within their level of performance. Musical skills are taught on digital pianos and students learn at their own pace. Students should be able to stay on task and work independently when necessary. Students will learn and perform individual pieces for each other through in-class recitals, and may learn and perform group pieces with other students. Students will be required to purchase their method books. Fees: $16.00
Level: 9-12 Credit: 1/2 Length: Semester

WIND ENSEMBLE – A large, performance-based ensemble exploring the various styles of wind band repertoire. Students who participate in Wind Ensemble are encouraged to participate in marching band, unless they participate in a fall sport. Students who participate in a fall sport and wish to participate in marching band must split time equally between both activities. Students who participate in a fall sport and wish not to split time with marching band may participate in Wind Ensemble only. Students should also be advised that attendance at all performances is mandatory. Students who cannot commit to performances throughout the year should not sign up for this course. Fee: A participation fee will be charged.
Level: 9-12 Credit: 1/2 Length: Semester

MARCHING BAND – This course is open to students in Grade 8-12 who are qualified instrumentalists through band director recommendation or audition. This course begins meeting in mid-July with summer Band Camp. Those students who participate in marching band must be available for summer and after school practices. This elective course is offered for those band and color guard members interested in performing at football games, parades and marching band competitions. The "corps-style" concept of marching and performance will be the foundation for all teaching. Emphasis will be placed upon fundamentals of musicianship, marching and maneuvering, musical expression, showmanship, physical coordination, and development of discipline and character. Fees required.
Level: 8-12 Credit: 1/4 Length: Year

SCIENCE

***Students planning to take AP Biology and/or AP Chemistry should take both Pre-AP Biology I Honors and Chemistry Honors Sophomore year.**

PHYSICAL SCIENCE - Physical Science is designed to introduce students to both chemistry and physics. Chemistry topics include: the structure of matter, atomic theory, chemical bonding, writing formulas and equations, and chemical reactions. Physics topics include: energy, motion, electricity and waves. Students will use a basic understanding of measurement, Algebra, note taking, scientific language and graphing. The format of this class includes hands-on learning, independent preparation and other various learning techniques.
Fee $10.00
Level: 9 Credit: 1 Length: Year

BIOLOGY I - This course explores the living world, the physical environment and the interactions within and between them. Fundamental concepts of heredity, evolution, cells, and the diversity and interdependence of life will be explored through scientific investigations. This is a college preparatory course and satisfies inquiry-based lab experience required for graduation and covers material to prepare students for the Biology EOC test.
Prerequisite: Physical Science Credit Fee: $5.00
Pre AP Biology Honors – will be assigned to students earning an 85% or better in Principles of Engineering Honors. Students earning a 90% or better in Physical Science will also be considered.
Level: 10/11/12 Credit: 1 Length: Year

BIOLOGY II **(Offered in even graduation years)** is a second level biology course that allows the students to study advanced topics in biology. The course will attempt to address the interests of all students by providing them with a variety of topics to study. Emphasis is placed on organisms, biodiversity, plant and animal systems, ecology, and other related topics.
Fees: $15
Level: 11-12 Credit: 1 Length: Year

AP BIOLOGY **(Offered in odd graduation years)** – This advanced course is organized around four big ideas in Biology: 1) Evolution 2) Cellular Processes: Energy & Communication 3) Genetics & Information Transfer 4) Interactions. A heavy emphasis is placed on science as a process, scientific inquiry, the ability to unify themes like molecules, cells, evolution, heredity, organisms, and populations and the application of critical thinking skills to solve environmental and social problems. Students are expected to do independent study and work at an accelerated pace. This is a college level course equivalent to a two-semester college introductory biology course that will prepare students for taking the AP exam. **Prerequisite:** "B" or above in Biology, Chemistry, and Algebra II, must score a 4/5 on EOC BIO test, or teacher recommendation.
Lab fee: $40.00
Level: 11-12 Credit: 1 Length: Year

GENERAL CHEMISTRY - The study of the interactions between atoms, formula and equation writing, behavior of gasses, basic chemistry lab skills, chemical reactions, periodic law and stoichiometry without a major emphasis in the math behind chemistry. This is not considered a college preparatory course. Lab Fee: $25.00
Level: 11-12 Credit: 1 Length: Year

CHEMISTRY HONORS - The study of the interactions between atoms, formula and equation writing, behavior of gasses, basic chemistry lab skills, chemical and mathematical relationships, periodic law and stoichiometry. This is a college preparatory course. Prerequisite: A or B in Biology I and Geometry or Teacher Recommendation Lab fee: $25.00
Level: 10/11/12 Credit: 1 Length: Year

AP CHEMISTRY **(Offered in even graduation years)** - Is designed to be the equivalent of the general chemistry course usually taken during the first year in college. This class will be conducted primarily through laboratory experiments and problem solving activities, reinforced with lecture and discussion. We will also complete long-term projects throughout the year. Major topics of study will include atoms, molecules, ions, mass relations, gases, bonding, reactions, equilibrium, acids, bases, electrochemistry, and thermodynamics. Prerequisite: A in Chemistry Honors and Algebra II or teacher recommendation.
Lab fee: $25.00 Level: 11-12 Credit: 1 Length: Year

HUMAN ANATOMY AND PHYSIOLOGY HONORS– This course is structured for students interested in pursuing a career in the field of medicine. Designed as an in-depth look at the structure and function of the human body, it will cover the skeletal, muscular, nervous, circulatory, respiratory, digestive, reproductive and integumentary systems. Topics include cells, tissues, glands, blood, sensory organs and immunity. Laboratory work will include dissection of the sheep brain and kidney, beef eye, cow heart and the full cat. This is a college preparatory course. Prerequisite: "C" or better in Chemistry Honors or teacher recommendation. Fees: $30.00
Level: 11-12 Credit: 1 Length: Year

GENERAL PHYSICS - The ideas behind many physics phenomena are discussed, with some emphasis on mathematics. Topics include mechanics, forces, sound, light, magnetism, electricity, energy, and strong Algebra I skills are necessary. This is a college preparatory course. Prerequisite: Physical Science or Intro to Engineering, Algebra I and Geometry, or special permission. Lab fee: $20.00.
Level: 11-12 Credit: 1 Length: Year

PHYSICS I HONORS - A faster paced physics course for the higher level mathematics student. Topics include mechanics, forces, sound, light, heat, magnetism, electricity, energy and modern physics. Prerequisite: "B" in Algebra II, enrollment in Pre-Calculus Honors or Calculus. Lab fee: $20.00
Level: 11-12 Credit: 1 Length: Year

PHYSICS II HONORS - This class is designed to build on the concepts learned in Physics I, with an emphasis on electricity and electronics. Prerequisite: "A" or better in Physics I Honors. Fee: $25.00
Level: 12 Credit: 1 Length: Year

FORENSIC SCIENCE -This course will include: Introduction to forensic science, careers and professions related to forensic science, evidence collection, fingerprinting, hair and fiber evidence, drugs and toxicology, trace evidence, blood and splatter, DNA evidence, forensic anthropology (bone markings), ballistics - firearms and tool marks, documents and handwriting analysis, and forensic entomology (insects). These topics will be taught based on the biology, chemistry and physics related to each topic. Fee $20.00 Prerequisite of 2 years of high school science.
Level: 11-12 Credit: 1 Length: Year

TECHNOLOGY EDUCATION

AEROSPACE ENGINEERING HONORS - Students explore the physics of flight and space through software simulations and hands-on experiences. They bring concepts to life by designing and testing an airfoil, propulsion system, and a rocket. Students learn how these concepts apply to a career in aerospace engineering and other engineering fields.
Prerequisite: Passing grade in Algebra I
Level: 10-12 Credit: 1 Length: Year

INTRODUCTION TO ENGINEERING DESIGN HONORS - Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will dig deeply into the engineering design process, applying math, science, and engineering standards to hands-on projects. They will work both individually and in teams to design solutions to a variety of problems using the most current 3D modeling software. Students will have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Students will create solutions to various challenges that increase in difficulty throughout the course. Prerequisite: Principles of Engineering or Teacher Recommendation Fee: $30.00
Level: 9-12 Credit: 1 Length: Year

PRINCIPLES OF ENGINEERING HONORS - Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation, Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Prerequisite: "B" in Algebra I and "C" in previous science class Fee: $25.00 Incoming Freshman earning an 85% or higher in both Science 8 and Algebra I will be considered and placed in this course.
Level: 9-12 Credit: 1 Length: Year

AP COMPUTER SCIENCE PRINCIPLES **(Offered in even graduation years)** – AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students will develop their coding skills starting with block-based coding, using Scratch, and move into text based coding, using Python. There is no prior knowledge or experience of any programming language necessary. Prerequisite: Algebra 1
Level: 9-12 Credit:1 Length: Year

AP COMPUTER SCIENCE A **(Offered in odd graduation years)** – AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. AP Computer Science A is equivalent to a first-semester, college-level course in computer science. There is no prior knowledge or experience of any programming language necessary. Prerequisite: Algebra 1
Level: 9-12 Credit:1 Length: Year

WEB & GAME DESIGN – This is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving and fun. Students will learn about the problem solving process, creating websites using basic components of HTML and CSS, and fundamental programming constructs and practices, based in JavaScript, while developing animations and games in a browser-based tool.
Level: 9-12 Credit:1 Length: Semester

SOCIAL STUDIES

AMERICAN GOVERNMENT - A course designed to help students understand how our government works. Emphasis will be placed on becoming good citizens.
Level: 11 Credit: 1 Length: Year

AP GOVERNMENT AND POLITICS - This course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret US politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US political reality. Fees: TBD
Level: 12 Credit: 1 Length: Year

AMERICAN HISTORY - A required course dealing with concepts, people and events from the 1860's to present importance in the history of the United States. This required course centers on the five founding ideals from the Declaration of Independence: equality, rights, liberty, opportunity, and democracy. Students will study how Americans have applied these ideals, from the movement west to the making of modern America.
Level: 10 Credit: 1 Length: Year

AMERICAN HISTORY HONORS - This course will require independent study, research projects, oral reports, and essay tests. Primary sources will be the driving medium by which students learn about key issues and events in American History. Students must apply and be accepted. This course covers the same content as the regular American History class. Prerequisite: Students must meet Honors Course Criteria.
Level: 10 Credit: 1 Length: Year

CCP AMERICAN HISTORY TO 1865 - This course will focus on American history from before colonization to the Civil War. Focus is on the political, social, economic, and cultural developments that shaped colonial, early national, and antebellum United States. Prerequisite: Students must meet minimum score requirements on college placement test or ACT
Level: 11- 12 Credit: 1 – GHS Length: Semester
3 - College

CCP AMERICAN HISTORY SINCE 1865 - This course will focus on American history from the end of the Civil War to the present day. Focus is on political, social, cultural, and economic events that shaped current United States history. Prerequisite: Students must meet minimum score requirements on college placement test or ACT
Level: 11- 12 Credit: 1 – GHS Length: Semester
3 - College

CONTEMPORARY WORLD ISSUES –This year-long required course is dedicated to learning about American and world history from WWII to the present. This will cover historical, social, and political aspects of American society, and the impact these major events have on the world.
Level: 12 Credit: 1 Length: Year

MODERN WORLD HISTORY HONORS–This course will require independent study, research projects, oral reports, and essay tests. Critical thinking is stressed. Grades are dependent on projects, test scores, and participation in class discussions. Students must apply and be accepted. This course covers the same content as the regular World History class. **Prerequisite**: Students must have an "A" in 8th grade American History and meet Honors Course criteria.
Level: 9 Credit: 1 Length: Year

MODERN WORLD HISTORY – This course examines world events from about 1700 through the present. It explores subjects such as the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires and spawned independence movements, and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades are expanded with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.
Level: 9 Credit: 1 Length: Year

AMERICAN ICONS AND LEGENDS: 1900 - PRESENT - The history of our world has been shaped by the words, beliefs, and actions of individuals. Through an in-depth study of these people we can better understand the political, social, and economic impact they had on civilization and their legacy on future generations. This course will be project-based and the students will work together to choose the icons and legends to be studied for the semester. Study will be on categories of individuals, including Rebels and Resistors, Outlaws, Artists, Pop Icons, Empire-Builders, Symbols/ Companies, and First Women.
Level: 9-12 Credit: 1/2 Length: Semester

AMERICAN PRESIDENTS - This course offers a unique perspective on the diverse array of leaders who have shaped the nation, examining both the triumphs and challenges faced by the top and bottom-ranking presidents. Students will engage in in-depth analyses of the political, economic, and social contexts that influenced the actions and decisions of these presidents.
Level: 9-12 Credit: 1/2 Length: Semester

AMERICA'S WARS -This course will take a closer look at American military conflicts from early settlement to present day. America's involvement in war has had significant political, social, and economic effects not only on the United States, but on the world as a whole. This course will delve further into tactics and leaders of battles. The focus will be on less known conflicts: French and Indian War, War of 1812, Mexican American War, Spanish American War, WWI, Korea, Vietnam, and Desert Storm. This course will study the inter-relationships of warfare, technology, and society in American history. Students will examine the evolution of weapons and tactics over the years. The impact of military technology and the changing military on the home front will also be studied in this course.
Level: 9-12 Credit: 1/2 Length: Semester

CURRENT ISSUES 1S & 2S- This semester course focuses on current and controversial issues in today's world. A variety of media, including print and internet sources, will be used.
Level: 9-12 Credit: 1/2 Length: Semester

MODERN WORLD HISTORY THROUGH FILM - This course is a study of major events, trends and issues in World History through the lens of film. In addition to viewing films, students will be expected to complete readings on assigned topics and multiple writing/project activities. Students will develop skills such as identifying bias, evaluating information presented in multiple formats, presenting information informally, and writing and defending their position(s). Students will build on their knowledge of world history to focus on a deeper content analysis.
Level: 9-12 Credit: 1/2 Length: Semester

PSYCHOLOGY - This survey course introduces the students to the field of psychology. It is designed to give students a basic history of psychology, theories of learning, self-awareness, the process of thinking, personality, heredity and mental health as well as a study of human growth and development.
Level: 10-12 Credit: 1/2 Length: Semester

SOCIAL MEDIA AND YOU - This course will look at social media and its impact on society. We will study the differences between what is real and what is not, including the concepts of misinformation and disinformation. Also, we will look at responsibility online and the difficulty and possibilities of navigating social media in the twenty-first century.
Level: 9-12 Credit: 1/2 Length: Semester

SOCIOLOGY - This course is designed to introduce students to the theories, concepts and areas of inquiry that typically characterize sociological analyses. Specific areas to be covered may include: culture, socialization and social interaction, social groups, deviance, social class, race and ethnicity, sex and gender, and aging. Sociology furnishes an academic foundation for responsible citizenship in a multi-racial and multi-cultural global community. Students will also be expected to analyze and interpret a variety of primary and secondary source materials.
Level: 9-12 Credit: 1/2 Length: Semester

STREET LAW –This elective course will give students a deeper understanding of the impact of law upon their daily lives. Court structure, criminal procedure, civil rights, and other legal issues will be examined. The course will cover both criminal and civil law.
Level: 9-12 Credit: 1/2 Length: Semester

8TH GRADE SEMESTER ELECTIVES

GAMES GALORE - Do you have an interest in playing and learning about classic games as well as learning and playing newer games? This interactive course will look into classic games such as chess, sorry! Monopoly, D&D, Jishaku, Mancala, The Game of Life and Uno, along with many others. Games Galore! will also delve into soon-to-be classics such as Scythe, Mysterium, Pandemic, SteamPark and any other game you've always wanted to learn about. We may even develop our own!

GROW YOUR OWN - This course covers how to grow your own food and become more self-sufficient in the process. Growing your own food is one of the most rewarding things you can do in life. Growing food may sound intimidating, but with a little guidance, everyone can succeed and be more sustainable. Topics will include: gardening (indoors and outdoors), starting plants, harvesting, animals, and hydroponics. A particular focus will be given to hydroponic growing as we plan to raise different types of lettuces and herbs to be served during lunch.

PHYSICAL EDUCATION - This class emphasizes beginner skills in a broad spectrum of activities in order to develop a foundation for future physical activity. Students will learn the rules, skills, and strategies necessary to be successful in each activity.

THE SCIENCE OF CSI - Do you love watching shows like CSI or Forensic Files or listening to true crime podcasts? If so, then this class is for you! This one-semester class will use scientific inquiry skills to learn how to observe, collect, analyze, and evaluate evidence found at crime scenes. Students will use fingerprints, DNA, trace evidence, blood, and imprints to solve cases. Students will also learn about different careers in the field of forensic science.

WHODUNIT? - In this course, students transform into amateur sleuths in order to learn about the mystery genre. Students will analyze the literary elements used to create mystery stories across a variety of mediums. While doing so, students will strengthen their inferencing skills and evidence-based writing skills in order to propose solutions to these mysteries. The semester will culminate in a small group project where students compose their own mystery stories for their peers to solve.

GREENE COUNTY CAREER CENTER (GCCC)

The Greene County Career Center (GCCC) proudly serves students from the seven public school districts in Greene County plus those who attend private, home, and parochial schools. GCCC offers career-technical programs for high school juniors and seniors in programs of multiple high skill, high demand, and high wage career pathways. These programs are offered at the new main campus located on Innovation Drive in Xenia and at the Greene County Airport on Valley Road. As a provider of both traditional education and workforce development, GCCC offers cutting edge technology, career coaching, college credit courses, career-technical student organizations, and a seamless transition to college and careers. GCCC students have the opportunity to earn industry recognized credentials, participate in work-based learning, and participate in hands-on learning both in the "labs" but also in our academic courses. GCCC provides a wide variety of academic courses that align to careers including courses such as Material Science and Forensics as well as a full spectrum of CCP and AP courses. GCCC is a partner of the Miami Valley Tech Prep consortium and students are eligible for a $3,000 scholarship to Sinclair Community College and Clark State Community College.

The Greene County Career Center students must meet GHS graduation requirements. Extracurricular activities and graduation take place at or with Greeneview High School and GCCC coursework is approved by the NCAA. There are no tuition charges to students other than fees necessary to cover program toolkits, protective clothing, and club fees.

Student admission in some GCCC programs is quite competitive. In programs that fill rapidly, admission is based upon past attendance, grade point average, and related coursework completed. The guidance counselors have information regarding enrollment procedures, program descriptions, and employment opportunities for students desiring job training at the Greene County Career Center.

In compliance with Title VI, IX, and Section 504 Regulations, the Greene County Career Center dedicates itself to providing equal admission opportunities to all people regardless of race, color, national origin, sex, or handicap.

Current List of Programs:

- Advanced Engineering Systems
- Advanced Industrial Robotics
- Auto Collision Repair
- Automotive Technology
- Aviation Maintenance Technician
- Construction Technology
- Cosmetology
- Criminal Justice
- Culinary Arts
- Cybersecurity
- Digital Design and Development
- Drone and UAS Technology
- Electrical Wiring and Motor Controls
- Health Science Academy
- Information Technology
- Natural Resource Technology
- Power Equipment Mechanics
- Sports and Exercise Science
- Veterinary Science
- Video and Animation
- Welding and Metal Fabrication