



# **ACADEMIC COURSE DESCRIPTIONS**

2025 - 2026

## **Our Curriculum**

The academic courses at the Greene County Career Center adhere to the following guiding principles:

1. Students are able to learn within a small community setting.
2. Academic and career technical teachers collaborate to make learning relevant.
3. Instruction is designed to accommodate the various learning styles of our students.
4. Options exist for remediation or advanced educational placement.

## **Our Courses**

Each core academic course offered at Greene County Career Center is one year in length and equivalent to 1 credit. Some academic elective courses are one semester in length with successful completion resulting in ½ credit. Each career technical lab earns 1 ½ credits per semester. Students earn credit for that course at the end of the semester if a passing grade is received.

Grading policy: In order to pass a course, students must earn an average of 60% or better. Grades for each semester course are independent of each other. GCCC has a common grading policy that is reviewable in the student handbook yet each academic or career technical instructor determines the grading rationale and provides this to students with the syllabus during the first few days of the course.

## **Course Fees**

Greene County Career Center makes every attempt to keep the fees charged to students at a minimum. Several options exist for obtaining these items:

- 1) Students can pay the fee and obtain the items from the school
- 2) Students can purchase the items on their own
- 3) Students can use supplies from older siblings or ones used at their partner school
- 4) Students may be able to rent needed items. Greene County Career Center recognizes that paying school fees may be difficult and is committed to working with all students and families to ensure that the ability to pay is not a barrier to learning. Please see the Treasurer's Office to discuss fee payment and payment options.

## Student Services

### **Credit Flexibility**

Students can earn credits through customized plans developed with the school that are not limited to the programs offered. Please contact a Greene County Career Center School Counselor if you are interested in Credit Flexibility.

### **Credit Recovery**

Students accepted to the Greene County Career Center with academic credit deficiencies or students who become deficient while attending Greene County Career Center can be scheduled into our Enrichment Center at the discretion of the Secondary Director. Using Edmentum Learning software, students will be able to complete academic courses and earn credits. If a student's schedule will allow, he or she may be scheduled into the Enrichment Center during the school day. Please see a counselor for more information regarding Edmentum course options. *Note: Not all courses needed for graduation may be available through Edmentum*

### **Enrichment Room**

Learning support is provided to students on an as-needed basis through the Enrichment Room. With classroom teacher permission, students can go to the Enrichment Room for extra assistance. Instructional staff is available to help with assignments, tests, homework, etc.

### **Opportunities for Gifted Students**

Greene County Career Center provides opportunities to meet the unique learning needs of gifted students identified as having Superior Cognitive Abilities or Creative Thinking through their home school. We meet these needs through Dual Enrollment and College Credit Plus courses in both core academics and electives. This brief table explains which courses meet gifted students' needs.

Math	English	Science
College Algebra – MTH 1280	Composition I – ENG 1101	Fundamentals of Anatomy and Physiology – BIO 1105
Math in Health Sciences – MAT 1130	Composition II – ENG 1201	
Intro to Statistics – MAT 1450	Interpersonal Communications – COM 2206	
	Effective Public Speaking – COM 2211	

## NCAA Eligibility Requirements

For the purposes of meeting the core curriculum requirements for initial eligibility at an NCAA Division I or II college or university, a core course must meet all of the following criteria:

- a) a course must be a recognized academic course and qualify for high school graduation credit in either English, mathematics, science, social studies, or foreign language (Note: computer science courses are not considered core courses);
- b) a course must be considered as college preparatory by the high school (college preparatory is defined as any course that prepares a student academically to enter a four-year collegiate institution upon graduation);
- c) a mathematics course must be at the level of Algebra I or above;
- d) a course must be taught by a qualified instructor as defined by the state agency with authority of such matters;
- e) a course must be taught at or above the high school's regular academic level (i.e. remedial courses should not be considered as core courses). However, the use of remedial or special education courses designed for students with learning disabilities is not prohibited.

Courses taught through other educational options, such as online courses and independent study, for example, may be used to satisfy NCAA core course requirements if all of the following conditions are satisfied:

- a) the course meets all requirements for a core course as defined above;
- b) the instructor and student have access to one another during the duration of the course for the purposes of teaching, evaluating, and providing assistance;
- c) evaluation of the student's work is conducted by the appropriate academic authorities in accordance with the high school's established academic policies;
- d) the course is acceptable for any student and is placed on the high school transcript.

The following course are approved by the NCAA:

### English

English 11  
English 12  
English Composition I & II  
Effective Public Speaking  
Interpersonal Communication

### Math

Algebra II  
College Algebra  
Precalculus  
Integrated Math 2  
Quantitative Reasoning  
Data Science

### Social Studies

American Government  
American History through Aviation  
Psychology  
Sociology

### Science

Anatomy  
Anatomy and Physiology  
Biology II  
Material Science  
Chemistry  
Physics

## College and Career Opportunities

Greene County Career Center students have the opportunity to earn post-secondary college and career credit through the academic and career tech high school courses. Here is how:

### **College Credit Plus**

Greene County Career Center is part of the College Credit Plus network. College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university through College Credit Plus is free. If you choose to attend a private college or university, you may have limited costs.



<i>Available Courses:</i>	<i>Composition I - ENG1101</i>	<i>Intro to Statistics – MAT1450</i>
	<i>Composition II - ENG1201</i>	<i>College Algebra - MTH1280</i>
	<i>Interpersonal Communications – COM 2206</i>	<i>Math for Health Science – MAT1130</i>
	<i>Effective Public Speaking – COM 2211</i>	<i>Fundamentals of Anatomy &amp; Physiology – BIO 1105</i>



MIAMI VALLEY  
**TECHPREP**  
CONSORTIUM

### **Articulation Agreements**

Students can earn college credit while completing high school work. Greene County Career Center has articulation agreements with many colleges including Sinclair Community College and Clark State Community College. Career Center

graduates can earn their college degree faster without duplicating or repeating coursework. Students must make sure work reflects the high quality standards needed for articulation credit. Credit is awarded by the college and may be transferable to other Ohio colleges and universities.

<i>Available Courses:</i>	<i>Introductory to Software Applications – BIS1120</i>
	<i>Customer Service – BIS1400</i>
	<i>Math for Technologists – MAT1110</i>



### **Career Technical Assurance Guide (CTAG) Courses**

The Ohio Transfer to Degree Guarantee allows students to earn college credit within their program, transferable to any Ohio public college or university with a similar program of study for successfully completing the Greene County Career Center program (Career Tech equivalent of CCP). Greene County Career Center has over 37 CTAG courses across all programs. Ask to see which courses are CTAG within your program.



### **Work Based Learning**

Job placement provides opportunities for successful adjustment from school to work with the help of the lab instructor and administration. Students can participate in work-based learning in a variety of formats both on and off campus. The Pre-Apprenticeship program is available in select programs, which earns time in an apprenticeship as well as college credit. Information on both of these initiatives is available through the lab instructor. Work-Based Learning unique opportunity, therefore a student's grades, attendance, attitude, and job performance reviews play a large role in the student's success.

### **Industry Credentials**

Greene County Career Center students have the opportunity to earn industry-recognized credentials by applying their career technical knowledge and skills in a nationally recognized assessment. These credentials validate a students' skillset to any employer within an industry. Last year, the Greene County Career Center offered 80 credentials to students from CPR and OSHA 10 to American Welding Society and CompTIA A+.

## Industry-Recognized Credentials by Career Field

### Explore Career Fields

Agriculture/Environmental Systems			Arts and Communications			Business, Marketing, and Finance		
								
Construction			Education and Training			Engineering		
								
Health			Hospitality and Tourism			Human Services		
								
Information Technology			Law and Public Safety			Manufacturing		
								
Transportation								
								

*Please contact a Greene County Career Center Counselor if you are interested in College Credit Opportunities.*

**Greene County Career Center offers the following Career-Technical Programs:**

Agriculture and Environmental Systems

Natural Resources  
Power Equipment Mechanics  
Veterinary Science

Construction Technologies

Construction Technology  
Electrical Wiring and Motor Controls  
HVAC

Engineering

Advanced Engineering Technology

Health Science

Health Science Academy  
Sports and Exercise Science

Hospitality and Tourism

Culinary Arts

Human Services

Cosmetology

Information Technology

Cybersecurity  
Video and Animation  
Digital Design and Development  
Information Technology

Job Training Coordination, Transition, and Support

Career X  
Career Based Intervention (CBI)  
Project SEARCH

Law and Public Safety

Criminal Justice

Manufacturing

Welding and Metal Fabrication  
Robotics and Automation

Transportation Systems

Auto Collision Repair  
Automotive Technology  
Aviation Maintenance  
UAS and Drone Technology

## English Courses

The Ohio Department of Education requires that all students take four (4) credits of high school English.

### English 11

EN11

This project-based course focuses on reading, writing, viewing, and speaking for growth in learning for all standard skills. Informational and literary reading materials will include both foundational and contemporary texts. These texts may include but are not limited to short stories, poems, novels, dramas, periodical articles, film reviews, film, speeches, and historical documents. Writing initiatives will include narrative, informational, literary analysis, and research writing along with drawing evidence from sources. Another focus will be providing examples in writing that clearly describe the purpose of the work to the reader. Students will participate in small group collaborative discussions, whole-class discussions, and opportunities for informal and formal presentations.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: none*

*Note: Recommended for juniors*

### English 12

EN12

This course will focus on skills needed to be a successful communicator in both career and personal life. Students will learn effective ways to communicate their message publicly and privately in the various forms, both written and verbally, including journalism, social media, and professional settings such as conference presentations and training materials. Writing will be both expository and creative and will include formats such as research reports, letters, proposals, internal communication, technical documentation, and public relations documentation. Students will read a variety of text ranging from professional articles to fictional books. Students will complete units on entrepreneurship, global supply chain and communications, and local workplace management focused on issues such as work ethics, implications of artificial intelligence, globalization, and social responsibility. The final project for this course will involve a multi-genre portfolio centered around a students' career focus.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: English 11*

*Note: Recommended for seniors*

### English Composition I – ENG1101 - College Credit Plus

ENG 1101

Students learn reflective, analytical and argumentative writing strategies, incorporating sources and personal experience. Students will negotiate between public and private rhetorical situations and purposes to achieve academic literacy. They will write multiple drafts using a recursive writing process as they work toward fluency in style and mechanics.

*Credit: 1 credit*

*Length: Semester*

*Prerequisite: CCP Eligibility*

*This is a semester-long course that will provide one full high school English credit. ENG1101 is also offered for three semester college credits through Sinclair Community College (SCC) for students who meet SCC's requirements.*



English Composition II, building on the skills in English Composition I, develops rhetorical literacy through research, critical reading and multi-genre writing tasks. Through major and minor, cumulative and stand-alone assignments, students construct arguments and analyses, ethically incorporating academic sources while developing their own voices as writers and citizens.

*Credit: 1 credit*

*Length: Semester*

*Prerequisite: CCP Eligibility*

*This is a semester-long course that will provide one full high school English credit. ENG1201 is also offered for three semester college credits through Sinclair Community College (SCC) for students who meet SCC's requirements.*

Interpersonal Communication – COM 2206 – College Credit Plus

COM 2206

Exploration of the development, maintenance and termination of interpersonal relationships. The focus is on effective verbal and nonverbal interactions between two people, highlighting methods of initiating and maintaining effective communication with, and understanding of, others through learning and applying interpersonal communication theory.

*Credit: 1 credit*

*Length: Semester*

*Prerequisite: CCP Eligibility*

*This is a semester-long course that will provide one full high school English credit. COM2206 is also offered for three semester college credits through Sinclair Community College (SCC) for students who meet SCC's requirements.*

Effective Public Speaking – COM 2211 – College Credit Plus

COM 2211

Designed to improve speaking and listening skills through the study and application of public speaking structure, content and style. This course requires 5 speeches in front of a live audience. The online course sections require the recordings to be created by the student with at least 8 adults present for each speech.

*Credit: 1 credit*

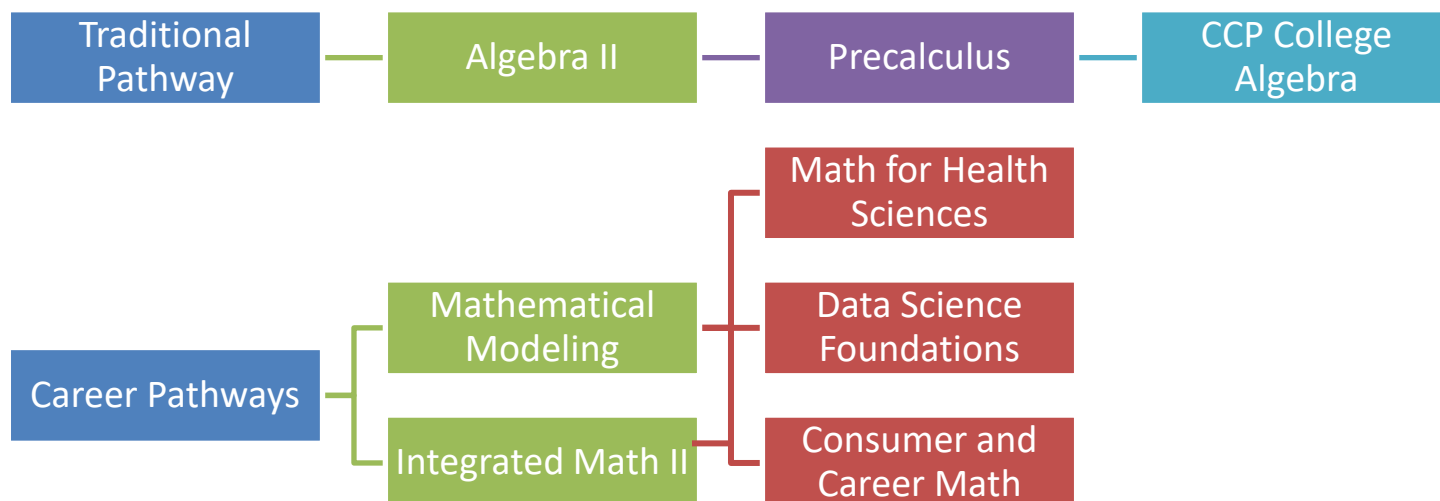
*Length: Semester*

*Prerequisite: CCP Eligibility*

*This is a semester-long course that will provide one full high school English credit. COM2211 is also offered for three semester college credits through Sinclair Community College (SCC) for students who meet SCC's requirements.*

## Mathematics Courses

The Ohio Department of Education requires that all students take four (4) credits of high school mathematics and that all students progress through at least Algebra II or its equivalent, which could be Mathematical Modeling and Data Science Foundations. Students will be guided to a pathway based upon the career field they choose as well as their previous math courses.



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### Traditional Pathway

#### Algebra II

MAA2

Concepts learned in Algebra I and Geometry are expanded in Algebra II by solving systems of equations with two or three variables. Students will continue to learn to solve and graph linear, polynomial, rational, logarithmic and exponential functions. Students will explore the properties and applications of trigonometry, similarity, statistics, and probability. Students will need a calculator.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Algebra I and  
Geometry or Math II*

#### Pre-Calculus

MAPC

In Pre-Calculus, students prepare for college level calculus by studying functions and their inverses, conic sections, logarithms, trigonometry and sequence and series. Graphing programs, including graphing calculators, will be used extensively. Students will need a calculator.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Algebra II*

## College Algebra – MATH 1280 – College Credit Plus

MTH1280

Students will learn algebraic expressions, coordinates and graphs, transformation and composition of functions, inverse functions, polynomial and rational functions, complex numbers, synthetic and long division, remainder and factor theorem, exponential and logarithmic functions, systems of equations.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisites: Passed Algebra 2 or Pre-Calculus with a C or better and Teacher Recommendation, in addition score of ACT Reading: 22 & ACT Math: 22 OR score on Accuplacer Reading 250, Advanced Algebra & Functions: 263*

*This yearlong course will provide one full high school math credit. MATH 1280 is also offered for four semester college credits through Clark State Community College for students who met CSCC's requirements.*

## Introductory Statistics – MAT1450 – College Credit Plus

MAT1450

An introduction to the fundamental ideas of statistics, including statistical methods to gather, analyze and present data; fundamentals of probability; statistical distributions, sampling distributions, confidence intervals, hypothesis testing, Chi-square tests, regression and correlation.

*Credit: 1 credit*

*Length: Semester*

*Prerequisite: CCP Eligibility*

*This semester-long course will provide one full high school math credit. MAT 1450 is also offered for four semester college credits through Sinclair Community College for students who met SCC's requirements.*

## Career Pathway

### Integrated Math II

MAI2

The Math II course is designed to prepare students for success in college and/or career-technical study of mathematics. Students will learn to solve linear, quadratic, rational, and exponential functions as well as graph them. The basic tenets of trigonometry, similarity, circles, probability and its applications will be explored.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Algebra I or Math I*

### Mathematical Modeling and Reasoning (AQR)

MAMR

A Project Based Course focused on implementing real-world applications and problem solving. Applications of mathematical skills such as algebra to the analysis and interpretation of quantitative information in the real-world context to make decisions that are relevant to daily life. Critical thinking is its primary objective and outcome. Students will need a calculator.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Algebra I and Geometry or Math II*

### Data Science Foundations

MDSF

Data is all around. Whenever you go online or even to the supermarket people are collecting data about you and using your data to make decisions. If you want to learn how to collect and analyze and make decisions using data, then this course is for you. In Data Science Foundations, you will make graphical and statistical

models to represent and communicate data using your newly-acquired computer programming skills. This course is perfect for beginners! Note: The big difference between data science and statistics is that where statistics focuses on explaining the data, data science focuses on using data to make predictions and decisions.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Algebra I and  
Geometry or Math II*

*\*Eligible for Technology Seal*

#### Mathematics in Health Sciences – MAT 1130 – College Credit Plus

MAT1130

Solve health science applications; convert within and between metric, household and apothecary systems; read and interpret health science labels and graphs; calculate and apply statistical concepts; solve problems involving parenteral, pediatric and/or intravenous administration and dosage calculations.

*Credit: 1 credit*

*Length: Semester*

*Prerequisite: Algebra II or  
Equivalent & CCP Eligibility*

*This semester-long course will provide one full high school math credit. MAT 1130 is also offered for three semester college credits through Sinclair Community College for students who met SCC's requirements.*

#### Career and Consumer Mathematics

Students can take the two courses below in sequence to earn 1 full credit

##### Financial Algebra

MATFA

The semester-long personal finance course covers all the essential personal finance topics necessary to become a financially capable student. Topics include banking, credit, budgeting, investing, career, and more. By the end of this course, students will have a thorough understanding of personal finance topics and be prepared to handle the financial responsibilities that exist after graduation.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: Alg II or Equivalent*

*\*Can be used through Credit Flex as a Personal Finance ½ credit to meet course graduation requirements. Please speak with your counselor if you need this option.*

##### Math for Technologists

MCCM

This course follows along with Sinclair Community College's curriculum where students learn how to apply foundational math concepts in the real world. In this course, students are eligible to earn college credit at Sinclair for this course but it is not limited to students in this pathway. Students use ratio and proportion to solve applications in technology; convert within and between metric and customary systems of measurement; read and interpret measurement tools and gauges; simplify algebraic expressions; solve linear equations; apply the geometry of lines, angles, and circles to technology applications.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: Alg II or Equivalent*

*This semester-long course can earn articulated credit through Sinclair with passage of Proficiency Exam for MAT 1110. Students must be registered as a Tech Prep student through Sinclair to earn the credit.*

## Science Courses

*The Ohio Department of Education requires that all students take three (3) credits of high school science with one (1) physical science, one (1) life science, and one (1) advanced science.*

### Anatomy (Advanced Life Science)

SCAM

Anatomy is an introductory survey course, studying the basic structure and some functions of the human body. The student will study the structure and function of the various cells, tissues, and integrated systems of the body. The course is designed to lay the groundwork for college level anatomy and physiology courses and aid in preparation for STNA certification. Laboratory experiences and text-based activities provide student learning in the following topics: the major body systems; how the body systems work together to provide homeostasis; body functions in the healthy and diseased states. This course fulfills the graduation requirements for one elective unit of advanced life science for the standard diploma. Recommended for Health Science juniors meeting prerequisite requirements.

*Credit: 1*

*Length: 1-year*

*Prerequisite: Biology*

### Anatomy & Physiology (Advanced Life Science)

SCAP

Anatomy & Physiology is an intensive college-level study of the structure and function of the human body. This course is preparation for advanced biological studies, nursing, and other health or science-based careers. Laboratory experiences and text-based activities provide student learning in the following topics: the major body systems; how the body systems work together to provide homeostasis; body functions in the healthy and diseased states. This course fulfills the graduation requirements for one elective unit of advanced life science for the honors diploma or the standard diploma. This course is designed for those students who have taken Anatomy and who wish to further their study of the human body. Recommended for Health Science seniors meeting prerequisite requirements.

*Credit: 1  
Anatomy*

*Length: 1-year*

*Prerequisite: C or better in*

### Fundamentals of Anatomy and Physiology – BIO 1105 – College Credit Plus

BIO 1105

Survey of the structure and function of the human body; special emphasis on the major body systems.

*Credit: 1*

*Length: Semester*

*Prerequisite: CCP Eligibility*

*This semester-long course will earn 1 full credit of Advanced Life Sciences. BIO 1105 is also offered for three semester college credits through Clark State College for those who meet CSC's CCP guidelines. This course is a pre-requisite for senior level LPN courses in the Health Science Academy.*

### Biology II (Advanced Life Science)

SCB2

This course builds upon the fundamentals and knowledge acquired from Biology I. The course differs significantly from a first-year high school Biology course with respect to the textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required by the students. Topics covered in this course will include the following: the chemistry of life, the cell, genetics, evolution, animal form and function, and microbiology.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: C or better in  
Biology or Life Science*

### Material Science I (Advanced Physical Science)

SCMS

Students in this course will learn the importance of materials used in construction and industry. They will explore the properties of different materials such as metals, polymers, glass, ceramics, wood and composites. Students will identify the characteristics, applications, and processes of various properties. They will also evaluate the testing of materials to understand limitations and properties of materials under stress.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Physical Science*

Material Science II (Advanced Physical Science)

SCMT

This course will continue the foundation laid in the Materials Science I course and will expand upon the study of the composition and structure of materials, properties, and changes of matter and energy with projects, and emphasis on manufacturing and engineering process, and examination of the relationship between structures, properties, processing, and performance and development of improved materials and manufacturing in the future. Topics will include the study of material properties, selecting optimal materials based upon application, and evaluating material properties through testing.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: C or better in Material Science 1*

Chemistry (Advanced Physical Science)

SCCC

Chemistry is a laboratory-based course designed to help students gain knowledge of matter while developing problem solving, laboratory skills, information and data analysis abilities and critical thinking skills. Topics of study include safety, measurement, atomic structure, bonding theory, periodic properties, the Periodic Table, chemical names and formulas, chemical reactions, acid and base theory, gas laws, properties of solutions, organic chemistry, etc. Students will be required to apply algebraic and basic mathematical skills throughout this course to isolate variables, solve mathematical equations and interpret data.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Physical Science and Algebra I*

*Note: Recommended for juniors and seniors*

Environmental Science (Advanced Life Science)

SCEN

First semester topics include ecology, water management, human population patterns, caves, and biomes. Students participate in field activities and project-based learning at the Greene County Career Center pond and land lab. During second semester, students study global climate change, energy sources, water use, and pollution. Students conduct water quality tests, design a wastewater filter, select a model site for a wind-powered farm, and write environmental impact reports.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Biology*

### Forensic Science I (Advanced Life Science)

SCFS

This is a laboratory-based course involving the application of scientific principles and techniques which are admissible in a court of law and facilitate solving crimes. Emphasis is placed on logical and critical thinking skills. The course illuminates the science behind forensic principles in the areas of: evidence collection and analysis, observation skills, fingerprints, firearms & ballistics, questioned documents, pathology, anthropology, blood spatter, hair, fibers & textiles, and wildlife crime. Historical techniques and their relationship to technology will be investigated.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Biology*

*Note: Recommended for Criminal Justice and Cybersecurity, open to all students.*

### Physics for Aerospace (Advanced Physical Science)

SCPA

This conceptual Physics course covers classic Physics topics such as matter, energy, motion, centripetal motion, Newton's laws, forces, gravity, free-fall, work, power, energy, momentum, sound, light and waves as well as their everyday applications. Additionally, topics closely related to the aerospace related career programs will be covered including simple machines, fluid and heat dynamics, basic aerodynamics, pressure, core structures for flight as well as basic electrical principals and concepts. The instructional approach includes inquiry-based laboratory experiments to develop practical problem-solving abilities of the students. This course is strongly recommended for any student interested in aerospace and aviation fields.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Physical  
Science and Algebra I*

*Note: Recommended for Aviation Maintenance and UAS student, open to all students.*

## Social Studies Courses

The Ohio Department of Education requires that all students take three (3) credits of social studies including government.

### American Government

SSGV

How the American people govern themselves at national, state and local levels of government is the basis for this yearlong course. Students can impact issues addressed by local governments through service learning and senior projects by taking electives offered by the Social Studies department after completion of this course. Financial Literacy Standards are infused in this course. This offering focuses on current issues to explore the foundations of government. This course covers all areas of political theory, foreign policy and political history. A segment of the course includes financial literacy.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: none*

*Note: Recommended for juniors*

*Government is a graduation requirement for all students. Students are required to take a state created end of course exam for this course.*

### American History through Aviation

SSAV

In 1909 the Wright Brothers declared the airplane “obsolete.” They may have been correct if not for the technological advancements that followed their lead. In this course students explore the airplane’s global historical impact on the first half of the 20th century. The topics of study include the Wright Brothers, World War I, The Golden Age, and World War II. Students experience hands on activities that include participating in a virtual “Dog Fight,” paying a visit to the Air Force Museum, and creating an aircraft model and completing a presentation project on the model.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: Recommended for seniors*

### Organizational Leadership

SSOL

This course focuses on organizational development and leadership through the lens of teams, athletics, and competition. The sports industry is one of the largest in the US, worth up to \$620 billion dollars annually, with many secondary industries that support it including marketing, healthcare, business, finance, facility maintenance, hospitality, entertainment, technology, and manufacturing. Additionally, sports reflect society and a venue of social issues from the cosmopolitan Olympic Games, diversity and equity of athletes, sports psychology, commercialization, and leadership. This course help students gain a deeper understanding of industry and social aspects of organizations and organizational leadership.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: Recommended for seniors*



## History of My Generation

SSHG

An important goal is to educate students on how history has influenced their lives, as well as our nation's development in an interdependent world. Besides the events of the time period, we will also study about the people, technology, fads, and entertainment that have had an effect on society in the last 25 years. We will examine these events in chronological order working our way to the present. While we do not have a textbook to use, students will be asked from time to time to read supplemental materials from the teacher and from the internet. The last two decades were a time of tremendous change in the United States. The major events of this era will be carefully reviewed in an attempt to determine the possible long term affects upon America's future. Major themes will include: Domestic Policy, U.S. Economy' America's role in international affairs, Battling terrorism, Presidential politics and elections, and Popular Culture

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: Recommended for seniors*

## Psychology

SSPS

Students will study and explore the behavior and mental development of human beings. In their study of psychology, students will be introduced to the stages of human development, cognitive functions, personality, abnormal behavior, as well as learning and memory. Students should be prepared to analyze case studies and engage in critical thinking about the various topics associated with the course.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: Recommended for seniors*

## Sociology

SSSC

This course is based on the scientific study of social aspects of human life. The class includes personality, cultural development, minority groups, family life, major religions, significant political structures and their economic systems and other areas.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: Recommended for seniors*

## **Elective Courses- Traditional Classroom**

### **Introduction to Software Applications – BIS 1120**

BIS1120

Use word processing, spreadsheet, database and presentation software applications to create reports, spreadsheets, databases and presentations for business and other applications.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: None*

*Note: Recommended for seniors*

*BIS1120 is also offered for three semester college credits through Sinclair Community College for students who successfully complete the course and pass Sinclair's proficiency exams.*

### **Personal Financial Literacy**

PFLIT

Financial literacy focuses on individual or family financial decision making for a responsible and strong financial future. Students in this class will help students understand financial options for the average consumer in today's society to support a lifetime of financial success. Topics will include investing, debt, credit, savings, and consumer fraud and identify theft.

*Credit: ½ credits*

*Length: Semester*

*Prerequisite: None*

### **Office Procedures for Cosmetology Business**

OPCO

Students in this course learn the foundations of business management with a focus in the cosmetology field. Cosmetology students can earn hours toward their license through this course and is highly recommended for these students.

*Credit: ½ credits*

*Length: Semester*

*Prerequisite: None*

### **Employability Skills**

EMPL

A course focused on employability foundations. Students in this course focus on industry credentials for entry level positions in business including RiseUp Retail Industry Fundamentals (6pts), Lead4Change (3pts) and Leadership Excellence (3pts).

*Credit: ½ credits*

*Length: Semester*

*Prerequisite: None*

### **Customer Service – BIS 1400**

BIS1400

Introduction to concepts of customer service. Topics to include: face-to-face and phone-based communication with customers, professionalism and workplace behavior, decision making, problem solving, conflict resolution and negotiation skills, use of emerging technologies, role-play scenarios, case studies and preparation for career advancement. Students will have the opportunity to earn the RiseUp Industry Credential worth 6 points toward graduation in the Business and Hospitality career fields.

*Credit: ½ credits*

*Length: Semester*

*Prerequisite: None*

*BIS1400 is also offered for three semester college credits through Sinclair Community College for students who successfully complete the course and pass Sinclair's proficiency exams.*

## Global Leadership Project (Social Studies Elective)

GLP

Cellphones, social networking sites and online banking sites have made it possible for people from anywhere in the world to market and sell their products to anyone else in the world. However, it is not enough to just make your product available. In the Global Leadership Project students examine how companies and governments are using cultural understanding to expand their influence in a growing global society.

*Credit: ½ credit*

*Length: Semester*

*Prerequisite: none*

*Note: This class does not meet during the regular school day. Class is Tuesday and Thursday from 2:20-3:20 PM and two Saturday classes. There is a five-day field trip to businesses in Ohio. Students must apply to the class and will be interviewed and selected to participate.*

## Peer to Peer

SEP2P

The class focuses on peers helping peers to learn and practice pro-social communication in a guided daily class. This course provides students with an understanding of human behavior. Interpersonal skill development is incorporated to help students recognize and enhance skills that are essential for building and maintaining relationships. To develop these skills students are encouraged to share their ideas, thoughts, and feelings with their peers, as well as participate in group-interaction activities in authentic settings. Each quarter we will have a guest speaker, a field trip and outside activities to further understand topics discussed in class. These activities will also allow students to practice socializing in appropriate ways. In order to meet these goals, students must enhance their interpersonal skills that are essential for building and maintaining relationships including trust, communication, acceptance and conflict resolution.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Interview and recommendation letter*

## **Elective Courses- Online Format**

### Foreign Language (Foreign Language Credit)

FLOL

Using the Rosetta Stone or Edmentum language-learning software, students will be enrolled in an online foreign language course. Students will be scheduled into the computer lab to work on their coursework and to interact with the teacher assigned to the course. Students can complete the coursework outside of the regular school day. Typically, students are enrolled for the full school year.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Varies with level*

*Note: Languages available include:*

*French- Year one through Advanced Placement*

*German- Year one through four*

*Spanish- Year one through Advanced Placement*

*Please specify which language and level when scheduling with the guidance counselor. Also, please note there may be a fee for textbooks and materials through the course provider.*

## **IEP Placement Courses – a qualifying IEP is required to enroll in these courses**

### **English Courses**

The Ohio Department of Education requires that all students take four (4) credits of high school English.

#### **SE English 11**

SERR11

Students will receive individualized education based on written goals in their IEP in addition to strengthening their fluency, comprehension and vocabulary through various genres of literature and media sources; and reading for a variety of purposes. Student will also increase their written communication ability for a variety of purposes through strengthening spelling, vocabulary acquisition, mechanics and editing, sentence structure, and prewriting strategies for basic paragraph and essay construction.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

#### **SE English 12**

SERR12

Students will receive individualized education based on written goals in their IEP in addition to strengthening their fluency, comprehension and vocabulary through various genres of literature and media sources; and reading for a variety of purposes. Students will also increase their written communication ability for a variety of purposes through strengthening spelling, vocabulary acquisition, punctuation, grammar, power writing, proofreading, and four paragraph essays including their Career Narrative.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

### **Mathematics Courses**

The Ohio Department of Education requires that all students take four (4) credits of high school mathematics and that all students progress through at least Algebra II or its equivalent.

#### **Math 3**

SEM3

This course is designed to address math through concrete models and real-world situations. The course is intended to provide support and intervention to students.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

#### **Math 4**

SEM4

This course is designed to address math through concrete models and real-world situations. The course is intended to provide support and intervention to students.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

### **Science**

#### **Environmental Science (Advanced Life Science)**

SCES

This course is designed to address Environmental Science curriculum through concrete models and real-world situations. The course is intended to provide support and interventions to students.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

## Elective Course

### Study Skills

SESS

Study Skills serves students that have been identified as having a mild to moderate disability including but not limited to: cognitive, medical, psychological, or physical conditions that may interfere with their academic performance. The emphasis of this intervention period is to support students during high school in order to prepare them to succeed in their post-secondary transition by supporting them in: grammar, math calculation, math problem solving skills, reading comprehension, time management, self-advocacy skills, and/or study habits. Students may qualify for the course based on the results of academic testing, recommendations of the IEP team, or recommendations from their prior school. The instruction will be provided by an intervention specialist.

*Credit: 1 credit*

*Length: 1-year*

*Prerequisite: Qualifying IEP*

*Recommended for juniors and seniors who are not credit deficient*