GROVEPORT MADISON HIGH SCHOOL

> Program of Studies



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PRINCIPAL'S MESSAGE

Dear Students and Parents:

The Groveport Madison High School Program of Studies course booklet provides an overview of the courses that may be offered for the 2025-2026 academic year. Courses are aligned to meet the requirements set by the State of Ohio Department of Education and are aligned to Ohio's Learning Standards and performance-based assessments often referred to as End-of-Course (EOC) Exams. Our goal is to offer a creative and challenging curriculum for every student, while providing the opportunity to develop skills necessary for college and career readiness.

Effective course planning for this academic year is essential. Final offerings are based upon the number of students registered per class. Therefore, it is critical to make careful course registration decisions. Be sure to have alternative course selections ready in case class registration totals do not permit a course to be offered.

This Program of Studies is designed to better prepare students to be college and career ready upon graduation. During the 2025-2026 academic school year students will have opportunities to schedule courses aligned to the following college and career pathways: Traditional; Honors; Health Sciences; Construction Technology; Business and Administrative Services, Informational Technology; Interactive Media; and pathways available at Eastland-Fairfield Career and Technical Schools.

This year's freshmen will receive information regarding the registration process early in 2025. Every student should identify a career interest and pathway when filling out their course request form. Students will select from available pathways. This selection will determine one of their elective courses for the next academic year.

We look forward to providing a safe, positive and challenging academic experience for all students at Groveport Madison High School.

Sincerely, Jeff Altman Principal



GROVEPORT MADISON HIGH SCHOOL



4475 S. HAMILTON ROAD GROVEPORT, OH 43125



MAIN OFFICE: (614) 836-4964 FAX: (614) 836-4998 COUNSELING OFFICE: (614) 836-4967 ATTENDANCE OFFICE: (614) 836-4970

DISTRICT SERVICE CENTER



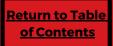
4400 MARKETING PLACE GROVEPORT, OH 43125



(614) 492-2520







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Building Administrators

- Jeff Altman, Principal
- Chad Gossett, Assistant Principal
- Samuel Gamertsfelder, Assistant Principal
- Lindsey Himes, Assistant Principal
- Jena Salazar-Dailey, Assistant Principal
- Meghann Steele, Assistant Principal

Counseling Department

- Terra Helser, Counseling Secretary
- Adam Davidoff, College & Career Counselor
- Amy Moran, School Counselor
- Melanie Reed, School Counselor
- Lauren Taylor, School Counselor
- Additional School Counselor (TBD)

Administrative Office

- James Grube, Superintendent
- Adam Collier, Treasurer
- Paul Smathers, Deputy Superintendent
- Carole Morbitzer, Director of Instruction and Achievement
- Mike Morbitzer, Director of Innovation and Accountability
- Jamie Angelini, Director of Exceptional Children
- Mark Trace, Director of Diversity, Engagement, and Human Capital
- Dave Hausmann, Director of Business Services
- Nate Saum, Chief Technology Officer
- Ty Debevoise, Director of Communications
- Jaime Scott, Director of Student Services

Board of Education

We believe all Cruisers are valuable. We will unconditionally **SERVE**, **SUPPORT**, and **INSPIRE**.

Therefore, every Cruiser will maximize their unique **PURPOSE**, **POTENTIAL**, and **POWER** to produce the results they want.

- Seth Bower, Board President
- LaToya Dowdell-Burger, Vice President
- Libby Gray
- Kathleen Walsh
- John Kershner

NOTICES

Nondiscrimination Policies/Equal Education Opportunities

Section 504 - Groveport Madison Local School District does not discriminate on the basis of disabilities relative to admission, access, treatment, or employment in its programs and activities as required by Section 504 of the Rehabilitation Act of 1973, Public Law 93-112, as amended by the Rehabilitation Amendments of 1974, Public Law 93-516. Direct inquiries regarding this policy to the Department of Student Services.

Title IX – Groveport Madison Local Schools does not discriminate on the basis of sex in educational programs, activities, employment policies and practices as required by Title IX of the 1972 Education Amendments.

Civil Rights Compliance Statement – All programs are available to students without regard to race, color, creed, national origin, sex, or handicap (maximum extent appropriate to the needs of the students).

Federal Family Education Rights and Privacy Act of 1974

The Federal Family Education Rights and Privacy Act of 1974 requires school systems annually to inform students 18 years of age or older and parents/guardians of students under 18 of certain provisions contained therein.

Schools keep a record of the educational development of each student. This record contains information about courses taken, grades earned, test scores, and other information collected to develop the best educational program for the individual student.

Parents/guardians have the right to access and review the child's school records. To do so, they must submit a written request to the building's principal, who will schedule a time for them to come to the school and review the records in the presence of a staff member. Parents also may question contents of the child's school records. If there is a concern about the accuracy or appropriateness of the information, a formal review of the information may be requested. Parents, guardians, and school officials will have the opportunity to discuss concerns. Each student's records are confidential and will not be released without prior parental/guardian consent of students under 18 years of age or without prior written consent of students 18 years of age or older.

There are a few exceptions to the consent requirements, which include: use by school officials in the school District, release to officials of another school district in which the student intends to enroll, and response to a court order. Also, the District shall only release directory information for students in the 12th grade to any of the U.S. Armed Forces branches upon request without written consent from the parents or legal guardian of the student. "Directory Information" includes the student's name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, and other similar information. If the parent or guardian submits a written request, the District shall not release the directory information. Also, parents/guardians who do not want any of their child's personally identifiable information (including portions of directory information) used in any district public relations materials must notify the building principal in writing by September 30 each year.

Any citizen of the Groveport Madison Local School District is welcome to contact the Director of Communications or the principal of the child's school for more information about the District's policy regarding the confidentiality of the student's record.

PLANNING & POLICIES

How to Plan Your Program of Studies

Students should carefully plan a program of studies that will assist them in setting and reaching educational and occupational goals. It is essential to select courses to fit the student's career plans. Families are encouraged to assist students in this process by:

- Choosing subjects wisely with the help of parents, counselors, and teachers while considering the student's abilities, interests, needs, and possible future career(s) goals. School records will help to indicate special abilities.
- Reading the course descriptions carefully; teachers wrote the descriptions to help students know the content and expectations for the course.
- Selecting courses that ensure the student will meet all requirements for graduation; graduation requirements vary from class to class contingent upon Ohio Department of Education regulations.
- Using the Course Planning Sheet with the Course Guide attached to the end of this document to assist students in making course selections.

Schedule Changes

- The school reserves the right to make schedule changes to best meet the needs of all students.
- Students who desire to make a schedule change should submit a written request within the first five (5) school days for first semester and year-long courses, and within the first five (5) school days for second semester courses. School counselors will consider schedule change requests for the following reasons only:
 - A technical error was made in the process of scheduling the student's requests.
 - The student has been academically misplaced.
 - There is a scheduling conflict.
 - Changes are necessary to meet graduation requirements.

Course Withdrawals

- Withdrawal/Fail With written parent permission, a student may withdraw from a yearlong course at the close of first semester, understanding that the student will receive a withdrawal failing (W/F) grade for the entire course, which affects GPA and eligibility.
- Withdrawal/Fail grades are included on student transcripts as a part of the student's permanent academic record.

Course Level Transfer Requests

A student who wishes to request a course level change or transfer between Honors, AP, or regular placement after the beginning of the school year should take the following steps:

- 1. Discuss level changes with the course instructor, their school counselor, and the student's parent(s)/guardian(s).
- 2. The parties should work together to evaluate the appropriate academic placement of the student.
- 3. School counselors will make the schedule changes pending the outcome of the first two steps.

Course level transfers should be made by the end of the first grading period; the grade earned to date will be transferred to the new course.

Incomplete Grades

A teacher may temporarily issue a student a grade of "I" to indicate the student has an Incomplete for a grading period. This may be done when the student has work to make up due to extenuating circumstances.

- It is important to note that an "I" acts as an F in calculating GPA and athletic eligibility at the end of the term.
- All work for an incomplete grade must be made up by no later than four weeks into the next grading period.
- After four weeks, the teacher will submit a grade change form to change the Incomplete to the appropriate letter grade.

Adjusting Course Length and Credit

A student's full-year, full-credit course will be evaluated to determine if partial credit is warranted and can be granted based on the following guidelines: (ALL guidelines must be met for any adjustment to be made)

- The course is required for graduation, and is not a prerequisite for the next course, and failure to earn credit for the course results in the student needing to complete course recovery.
 - Algebra 1 and English 10 will not be adjusted. Students who fail either course will be scheduled to retake the full course.
 - Courses that can be considered include: English 9, 11 and 12, Geometry, Algebra 2 (seniors only), 4th math course, Physical Science, Biology, Advanced Science (seniors only), American History, and American Government.
- The course is assigned as a full-year, 1.0 credit course as described in the Program of Studies and the student completed the full course.
- The full-year final grade submitted by the teacher is a failing grade (below a D-).
- If the first semester grade or the second semester grade submitted by the teacher is a D or higher, then the course length and credit will be adjusted.
 - The full-year course will be adjusted to being a separate first semester course and second semester course each with the potential of 0.5 credit.
 - The first semester grade submitted by the teacher will become the first semester final grade and 0.5 credit will be awarded if above a failing grade (F), while no credit will be awarded if the grade is a failing grade.
 - The second semester grade submitted by the teacher will become the second semester final grade and 0.5 credit will be awarded if above a failing grade (F), while no credit will be awarded if the grade is a failing grade.
- The student will be assigned Course Recovery for the semester for which their final semester grade was a failing grade.

When a half credit and/or a half-year course is granted, a school counselor will email the specific teacher to inform them of the change. The adjusted credit/course length will also be reflected on the student's transcript and report card.

High School Grade Scale and Weighting

Letter Grade	Percentage	4.0 Scale	Honors 4.5 Scale	CCP/AP 5.0 Scale
А	100% - 93%	4.0	4.5	5.0
A-	92% - 90%	3.7	4.2	4.7
B+	89% - 87%	3.3	3.8	4.3
В	86% - 83%	3.0	3.5	4.0
В-	82% - 80%	2.7	3.2	3.7
C+	79% - 77%	2.3	2.8	3.3
с	76% - 73%	2.0	2.5	3.0
C-	72% - 70%	1.7	2.2	2.7
D+	69% - 67%	1.3	1.8	2.3
D	66% - 63%	1.0	1.5	2.0
D-	62% - 60%	0.7	1.2	1.7
F	59% - 0%	0.0	0.0	0.0

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Late Arrival/Early Dismissal Procedures

- At times, student schedules are able to accommodate a late arrival or early dismissal . Students can complete a request sheet if they meet the following requirements:
- Students must be on track for graduation with earned credits, competency score of 684 in English II/ Algebra I with two seals (one must be a state seal). If competency has not been achieved, the student must have completed one of the optional pathways listed below
- Option 1: Earn proficient Web Exam scores, 12-point industry credential, or preapprenticeship or acceptance into an approved apprenticeship program
- Option 2: Enlist in the Military- Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.
- Option 3: Complete college coursework- Earn credit for one college-level math and/ or college-level English course through Ohio's free College Credit Plus program.
- To apply, students must complete the Early Dismissal/Late Arrival form that includes the signature of their parent. This form forgoes a student's bus privileges and indicates that the student and their family are taking responsibility for the student's transportation to and from school daily.
- Submit the form with a copy of the student's driver's license, proof of registration and insurance to the School Counselor with the student's course request form.
- The school counselor will notify students of acceptance or denial of the application.
- Students are permitted to be on school premises during scheduled classes and extracurricular activities.
- Students who have Late Arrival or Early Dismissal are expected to arrive in time for their scheduled classes and leave after their last class.
- Students with Late Arrival or Early Dismissal who are on school premises outside of their scheduled times are subject to school discipline for being "Out of Assigned Area."

Financial Obligations

- All fees, charges, and other school fines must be paid according to policy and state law.
- Fees and payments can be paid online using a credit card, or in person to the cashier in the main office at the high school.
- All fees must be paid in full in order to participate in senior activities, including prom, senior week, and commencement.

Disclaimer for Program of Studies and Courses Within This Document

It is recommended that the Board of Education approve the following high school courses and additions for the 2024-2025 school year. Final decisions as to whether these courses will be available to students will depend upon the following factors:

- Sufficient number of students register for the course
 - All classes must have at least 20 students registered when the student request window is closed. Courses with less than 20 student requests will be reviewed for approval by the Superintendent.
 - If a course drops below 20 students within the first two weeks of the semester in which the course is offered, the superintendent will review whether or not the course will continue or be eliminated.
- Sufficient number of students (see above) are able to successfully schedule the course within the limitations of the master schedule
- Available staffing to teach each course
- Appropriate facilities available to offer the course
- Appropriate funds available to offer the course
- Superintendent approval

- Not all courses are offered to all grade levels every year. Courses that are offered to specific grade levels will be identified on the yearly course request sheet.
- Additional College Credit Plus courses may be offered depending on university approval.



GRADUATION REQUIREMENTS

- The following section outlines the minimum credit requirements for a GMHS diploma as prescribed by the Ohio Department of Education and Groveport Madison Local Schools Board of Education. Students selecting a career/technical program at Eastland-Fairfield Career and Technical Schools must consult with counselors as curriculum and graduation requirements vary from this list. All students must meet the state requirements established by the Ohio Department of Education & Workforce.
- For up-to-date information on graduation requirements, visit the Ohio Department of Education & Workforce website:
 - Ohio's Graduation Requirements

Credit Attainment

Students are required to earn a minimum of 20 credits which fulfill the following:

- 4.0 credits from Core English courses
- 4.0 credits of math, which must include one credit of Algebra 2
- 3.0 credits of science (1 physical, 1 life, 1 advanced)
- 3.0 credits of social studies (must include at least 0.5 World History, 0.5 American History, 0.5 American Government)
- 1.0 credit of Art (Fine and/or Performing Arts)
- 0.5 credit of Health

- 0.5 credit of Financial Literacy
- 0.5 credit of PE (or other elective if met by a PE waiver)
- 3.5 credit of electives (additional 0.5 credit required if student received a PE waiver)



OHIO'S GRADUATION REQUIREMENTS CLASS OF 2023 AND BEYOND

Ohio's long-term graduation requirements take effect for the class of 2023. For students entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements provide more flexibility to choose a graduation pathway that builds on a student's strengths and passions – one that ensures students are ready for their next steps after high school. Students in the classes of 2018 through 2022 may also use these requirements as a pathway to graduation.

As a part of this pathway to graduation, students must show that they have completed all three parts of these requirements.

1. Credit Requirements:

Students must earn a **minimum total of 20 credits** in specified subjects and take your required tests. Schools can locally require more than 20 credits. Schools are still required to administer all the high school end-of-course assessments. These are: English Language Arts II, Algebra I (or Integrated Math I), Geometry (or Integrated Math II), Biology, American History, and American Government.

2. Competency:

Students can demonstrate competency by earning a passing score on Ohio's high school Algebra I (or Integrated Math I) and English language arts II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students have not met the competency score on these tests, there are four additional ways to show competency.

Option 1	Option 2	Option 3	Option 4	Option 5
Algebra I and ELA II	Career Readiness	College Credit Plus	Military Enlistment	ACT or SAT



Option 1. To demonstrate competency using Ohio's state tests, students must earn a score of 684 or above on both the Algebra I (or Integrated Math I) and English language arts II end-of-course exams.

Option 2. To demonstrate competency by Career Readiness, students must demonstrate two career-focused activities, at least one must be a foundational option.

- Foundational options: 1. Cumulative score of proficient on 3 or more WebXams. 2. Earn 12-points of industry credential.
 Complete a registered pre-apprenticeship, an apprenticeship, or show evidence of acceptance into an approved apprenticeship. 4. State-issued license for a practice in a vocation.
- Supporting options: 1. Work-Based Learning. 2. Earn the workforce readiness score on the Workkeys.
 3. Earn the OhioMeansJobs Readiness Seal

Option 3. To demonstrate competency through the College Credit Plus Program, students must earn credit in a non-remedial math or English course for the subject area not passed.

Option 4. To demonstrate competency through Military Enlistment, students must provide evidence of enlistment in a branch of the armed forces to demonstrate competency.

Option 5. To demonstrate competency using the ACT or SAT, students must obtain a remediation-free score in the math and/or English subject area on the ACT or SAT. To demonstrate competency in English, a student must be remediation-free in the subjects of English and reading on the ACT or SAT.

3. Readiness:

Students can meet the readiness requirement by earning two diploma seals. In alignment with their graduation plan, students should be choosing seals that align with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and their post-high school pathway.

Of the two seals students are required to earn, at least one of the two must be State-Defined. Ohio's 12 diploma seals are:

- OhioMeansJobs Readiness Seal (State-Defined)
- Industry-Recognized Credential Seal (State-Defined)
- College-Ready Seal (State-Defined)
- Military Seal (State-Defined)
- Citizenship Seal (State-Defined)
- Science Seal (State-Defined)

- Honors Diploma Seal (State-Defined)
- Seal of Biliteracy (State-Defined)
- Technology Seal (State-Defined)
- Community Service Seal (Locally-Defined)
- Fine and Performing Arts Seal (Locally-Defined)
- Student Engagement Seal (Locally-Defined)



Want to learn more?

Contact your school counselor or visit education.ohio.gov/graduation



Diploma

- Students are required to complete the outlined State of Ohio and GMHS graduation requirements, as well as meet required financial obligations to be awarded a diploma.
- Diplomas are awarded at the District's graduation ceremony at the end of the school year. Students who do not attend graduation may pick up their diploma at the school's main office on the Tuesday immediately following graduation.
- Due to alternative pathways, some students may qualify for a diploma midyear. Those students may obtain a transcript indicating their successful completion of all high school requirements, but will receive the diploma at the end of the school year with all other graduates.

Diploma with Honors

- High school students may gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.
- Refer to the Ohio Department of Education & Workforce's website for more information on the variety of ways to graduate with honors. The chart can be found online at <u>Ohio Department of Education & Workforce Academic Honors Diploma</u>

Accelerated Graduation

- Students may request permission to graduate early. Minor students must have the written permission from their parent and meet with a counselor to develop a plan to complete all graduation requirements.
- A plan should be in place by the end of the student's sophomore year. Once a plan is approved, the student is considered a senior.
- A student who requests this option must meet their original graduation requirements.

VALEDICTORIAN SELECTION CRITERIA AND PROCESS

Class of 2026 Valedictorian Criteria

Groveport Madison Local Schools strives for academic excellence, and to this end, name valedictorian(s). A student may earn valedictorian honors based upon the following criteria:

- They have earned the required credits to be classified as a senior.
- They have earned a cumulative GPA of 4.0 or above after final grades are submitted by teachers.
- They have completed the Ohio Core Graduation Requirements.

Class of 2026 Valedictorian Selection Process

The valedictorian shall be selected in the following manner:

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- Valedictorian(s) for the current graduating class will be determined upon the completion of the second semester of their senior year.
- In the event that two or more students meet all the Valedictorian Criteria above, multiple valedictorians will be named.
- If no student or only one student meets the 4.0 GPA, then the highest ranked student will be named valedictorian and the next highest ranked student will be named salutatorian. In case of a tie, there will be co-valedictorians and no salutatorian will be named.
- Students may be disqualified from eligibility as valedictorian for any major disciplinary action before the date of the graduation ceremony.

Class of 2027 and Beyond Valedictorian Criteria

Groveport Madison Local Schools strives for academic excellence, and to this end, name valedictorian(s). A student may earn valedictorian honors based upon the following criteria:

- They have earned the required credits to be classified as a senior.
- They have earned the highest cumulative GPA after final grades are submitted by teachers.
- They have completed the Ohio Core Graduation Requirements.

Class of 2027 and Beyond Valedictorian Selection Process

The valedictorian shall be selected in the following manner:

turn to Tab

- Valedictorian for the current graduating class will be determined upon the completion of the second semester of their senior year.
- In the event that two or more students meet all the Valedictorian Criteria above, multiple valedictorians will be named.
- The highest ranked student will be named valedictorian and the 2nd highest ranked student will be named Salutatorian. In case of a tie, there will be co-valedictorians and no salutatorian will be named.
- Students may be disqualified from eligibility as valedictorian for any major disciplinary action before the date of the graduation ceremony.

Class of 2027 and Beyond Diploma with Distinction

Students may also earn Diplomas with Distinction if they meet the following criteria:

- Students with a cumulative GPA of 4.25 or higher will earn the distinction of Summa Cum Laude
- Students with a cumulative GPA of 4.0 4.24 will earn the distinction of Magna Cum Laude
- Students with a cumulative GPA of 3.75 3.99 will earn the distinction of Cum Laude

EDUCATIONAL OPTIONS

Educational options supplement the standard GMHS curriculum, providing students alternative and supplemental opportunities to earn credits required for graduation.

The following general guidelines apply to the educational options provided by GMHS:

- Written parental approval is required before any student may participate in an educational option.
- Only educational options that have been pre-approved before student participation may be considered for purposes of promotion and graduation credit.
- Students and parents may be responsible for all fees and costs related to an educational option.

Advanced Placement (AP)

The Advanced Placement (AP) program offers students college-level coursework and the opportunity to earn college credit. Students and parents should carefully consider AP courses as challenging and requiring more work than typical high school courses. Grades are weighted for AP courses. Course level transfers out of AP courses must be made by the end of the first quarter; the grade earned to date follows to the reassigned class. Students enrolling in AP courses are expected, but not required, to take the AP exams in May of that school year.

General Expectations:

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- Attendance at AP Informational Day is mandatory.
- Summer reading and/or assignments are an understood expectation of Advanced Placement courses.
- Teachers are responsible for the creation of "Summer Assignment Packets" to be given to new students enrolling in the course. Students will have a set amount of time after which they enroll to complete the work.
- Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

College Credit Plus (CCP)

- Groveport Madison Local Schools offers all students in grades 7 through 12 the opportunity to take college courses for both high school and college credit through the Ohio College Credit Plus program. Groveport Madison Local Schools pays the tuition and book cost for any student who passes classes taken at any Ohio college or university.
- Groveport Madison Local Schools has partnered with Columbus State Community College (CSCC) to offer a few CCP courses, taught by GMHS staff during the regular school day. Students also may take courses on campus, or through an online delivery system from any Ohio college or university. Students taking courses at a college campus are responsible for providing their own transportation.
- Students interested in participating in the College Credit Plus program should meet with their school counselor to ensure that they complete all the required steps, which include but are not limited to:
 - Applying to the college or university of the student's choice;
 - Taking one of the three required college placements tests (ACT, SAT, ACCUPLACER);
 - Attending the annual CCP information night, and completing and submitting the CCP Letter of Intent to your school counselor by April 1.
 - The district will seek reimbursement from students/families under the following two circumstances:
 - If the student receives a failing grade at the end of the college course; or
 - If the student withdraws from the college course after the 14th calendar day after the particular course began, unless the student is identified as being economically disadvantaged in accordance with Ohio Administrative Code 3333-1-65.6(B)(2).

FAQs about College Credit Plus (CCP) Courses and Advanced Placement (AP) Courses

What is the difference between the credit earned for CCP courses vs.	AP courses?	
CCP: The credit is transcripted. Students receive the credit for that specific course, and it will be on a transcript from the university. When you take a CCP course, you are technically already accepted to a university, and your credit can transfer to other universities.	AP: The credit is articulated. Once students are accepted to a university, that university will determine the specific course for which you will earn credit. Oftentimes the course is based on whether a student scores a 3, 4, or 5 on the AP exam.	
Do the courses transfer to colleges in Ohio? Transf	ferology:https://www.transferology	
CCP: The courses transfer to ALL public universities in Ohio, and to MOST private universities in Ohio. Students can create an account with Transferology to determine the college courses to which CCP courses transfer.	AP: The courses transfer to ALL public universities in Ohio, and MOST private universities in Ohio. Some universities require scores of 4 or 5 for specific courses. If students earn a 3 on an AP exam, some college will only give general elective credit. Scores of 1 or 2 earn NO college credit. AP credits hinge entirely on a student's AP Exam scores.	
Do the courses transfer to colleges out-of-state? Transf	ferology: https://www.transferology	
CCP: The CCP courses we offer at GMHS will transfer to many out-of-state universities. Students can create an account with Transferology to determine the college courses to which CCP courses transfer.	AP: The AP courses we offer at GMHS will transfer to many out-of-state universities, but students are often required to earn a 4 or a 5. Create an account with Transferology to determine the college courses to which AP courses transfer.	
Do any of GMHS courses transfer to the same college course? Trans	ferology: <u>https://www.transferology</u>	
CCP: The CCP courses offered at GMHS will all be transcripted credit for different Columbus State courses, which are likely to transfer to courses at other universities.	AP: It depends. For example, English Language and Composition and English Literature and Composition transfer to the same course at most public Ohio universities. Some universities may decide to give credit for two courses; there is no guarantee. Students could take two years of AP English but only receive credit for one university course.	
What is the success rate of Ohio and Groveport Madison students?		
CCP: Over the past five years, GMHS students have had the course passage rate of 92.4% for CCP courses. Over the past five years, the success rate for CCP courses is over 90% in Ohio.	AP: Over the past five years, GMHS students have had an exam passage rate of 39%. Of those exams, 15% earned a 4 or a 5. On the same AP exams taken over the past five years, Ohio students had a passage rate of 65% (earned a 3, 4, or 5).	
Does CCP or AP transfer to more advanced courses?		
AP credit articulation is not higher than the CCP transcripted credit. In same credit as our CCP courses. If a 3 is earned, the student may receive		
Does it cost anything?		
CCP: State law requires that the district pay the costs of CCP tuition and books. The district WILL seek reimbursement from families if a student fails a CCP course, or if a student drops a course after 14 days from the start of class. If a student is identified as economically disadvantaged, per OAC 3333-1-65.6(B)(2), they will not be billed.	AP: Families will be responsible for all Advanced Placement course fees including testing fees. The current cost per AP Exam is \$98. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.	
What are the enrollment requirements?		
CCP: Students with a 3.0 GPA from high school classes, college ready ACT or SAT scores, or a passing score on the ACCUPLACER Test. (See your School Counselor to learn how to schedule an Accuplacer Test.)	AP: AP courses have varying prerequisite requirements, as indicated on the charts for each content area in the Program of Studies. Typically a teacher's recommendation in that subject area is required.	
Are there summer requirements for the courses?		
CCP: No, students will receive the course syllabus and expectations when the course begins.	AP: Summer reading and/or assignments are an understood expectation of Advanced Placement courses.	

Career and Technical Pathways

Students may pursue Career Technical Education by signing up for courses offered at the high school or attending Eastland-Fairfield Career and Technical Schools as an educational extension of the GMHS curriculum program. Students participating in these programs remain enrolled in, and graduate from, Groveport Madison High School. The career-technical programs are open to all students 16 years old and older who are interested and academically demonstrate the ability to attend. Students are accepted through an application process made available during their sophomore year. Students may participate in all extracurricular activities at GMHS while enrolled in this program. Applications to enroll are made available in the School Counseling office by the second week of December. Applications are evaluated and staff at the Eastland-Fairfield Career and Technical Schools determine student acceptance.

Credit Flexibility

Credit Flex is an additional way for students to earn high school credit. This "credit flexibility" plan allows students to earn graduation credit through one of the following options:

1. Successfully completing coursework outside of high school.

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- 2. Demonstrating course mastery by taking a mastery assessment and scoring a B or higher.
- 3. Pursuing a pre-approved educational option and an individually approved option.

The Credit Flex option allows students to develop and plan their own courses, including setting learning objectives connected to academic content standards with an achievement plan to reach those objectives while learning outside of the traditional classroom. Additional information and applications are available through the school counselors.

Credit Recovery

Students must make adequate progress towards graduation each year. Earning fewer than the stated number of credits by the end of the school year will deem a student "credit deficient."

- Students must earn a minimum of five (5) credits after the first year of high school, ten (10) credits after the second year, and 15 credits after three years to be considered on track to graduate.
- The District provides students the opportunity to make up credits and get back on track by retaking the courses in person and/or online. Courses may be completed inside and outside of the school day.
- Students should meet with their school counselor to get additional information about this option.
- Credit recovery courses may come at a financial cost to the student.

English Language Learners (ELL)

Students who qualify for ELL by having a native language other than English, are not proficient in the English language in reading, writing, listening, or speaking, and meet the state requirements, may qualify for this program. A student's instructional program is based upon the student's level of English proficiency as evaluated by the teacher and standardized testing. Students will be evaluated in the spring to determine eligibility for the following school year. Schools must complete this process and notify parents or guardians of the student's identification as an English learner within 30 days of enrollment at the beginning of the school year or within two weeks of enrollment during the school year.

Honors Courses

Honors courses are offered as challenging alternatives to regular core courses. These courses are designed as a starting point for advanced preparation for the highly motivated student. Students and parents should take into consideration that honors-level courses are challenging and require more work than regular core courses. Course level transfers out of honors courses must be made by the end of the first quarter; the grade earned by the transfer date will transfer to the reassigned class.

Physical Education (PE) Waiver

The Groveport Madison Local School District has adopted a policy in accordance with the Ohio Department of Education & Workforce to excuse a student from the physical education requirement at the high school level per the following:

- A waiver may be available to students participating in interscholastic athletics, cheerleading, show choir, marching band, or two full years of JROTC. The waiver is available to students who successfully complete two full seasons.
- Should a student quit, be dismissed, or leave the team for any reason prior to the completion of that season, that student shall not be given credit for their minimal participation. Successful completion of a season includes the return of all equipment and uniforms prior to being eligible to receive credit.
- A waiver does not earn the student a credit, but instead waives the requirement for the student to take Physical Education in the classroom.
- A student who exercises the PE Waiver option will need to make sure they make up the ½ credit they waive by taking another class to meet the minimum 20 credit requirements for graduation.
- In the case of a transfer, it will be up to the district, into which the student is transferring, to accept or deny the Groveport Madison Local Schools Physical Education Waiver.

Special Education

Special Education programs are designed for students with a variety of special needs and concentrate on supporting students with learning challenges. These students are provided an Individualized Education Plan (IEP) that is updated on a yearly basis through collaboration among teachers, special education professionals, the student's family, and the student. An IEP may address student needs in a variety of ways. These include, but are not limited to, direct resource instruction courses, inclusion courses, and academic tutoring as defined below. Questions concerning these programs should be directed to the director of exceptional children, Jamie Angelini. Contact information is available at the front of this handbook.

- Direct resource instruction courses have fewer students than typical classes. Teachers adjust the course content to meet the IEPs of the students enrolled.
- Inclusion courses include students who have IEPs and students who do not. Two teachers work cooperatively to provide both whole-group and individualized instruction.
- Academic tutoring and small group support offers students the opportunity to receive individualized academic help within the school day. Tutoring is a scheduled class period that will replace one elective course.

Work-Based Learning

Work-based learning is the cornerstone of Career-Technical Programming at GMHS. Each student will complete at least 250 hours of authentic work-based learning during the course of their acceptance and enrollment into their respective pathways. These opportunities align with the content, and allow students to acquire and practice the necessary skills to become successful in their career field. This networking opportunity is a direct connection to jobs right after high school. Students can be placed in small shadowing opportunities, job site visits, short and long term internships, part/full-time employment, and/or a combination thereof. Pathways also allow students the opportunity to complete pre-apprenticeships and apprenticeships. Please see each pathway section for a description of work-based learning opportunities and community partnerships.

GROVEPORT MADISON HIGH SCHOOL BELIEF STATEMENT

We believe All Cruisers are valuable. We will unconditionally meet all social, physical, emotional, and academic needs. As a result, Cruisers will positively impact the world.

Multi-Tier System of Supports (MTSS)

You may hear us discuss MTSS throughout your time at GMHS. MTSS refers to a framework of tiered support that focuses on developing the "whole child." Through this framework, the team helps identify areas where a student or students may be struggling and then develops a system of targeted supports that will provide academic growth and achievement. The team assesses, intervenes, plans and implements evidence-based strategies to enable the student to be successful. Throughout the implemented plan, the team will be monitoring progress to maintain the student's growth. This will also be communicated to the family. Some areas that may be assessed during the screening include social, emotional, behavioral, and attendance needs. Other examples of MTSS are listed below:

- **Response to Intervention (RTI)** Students are referred to this team if they are in need of additional academic support. A team of teachers, a counselor, and an administrator collaborate with the student and their family to create a plan to help them develop and improve the skills that are key to success at school.
- **Positive Behavioral Intervention and Supports (PBIS)** PBIS is a proactive approach that teaches appropriate behavior in school before issues arise. An emphasis is put on giving students clear expectations and reinforcing positive behavior.
- Attendance Intervention Team (AIT) This team meets with students who struggle with attendance and their families to prevent truancy charges from being filed. A plan is created to remove any barriers that may be preventing the student from coming to school.
- Social Emotional Learning (SEL) This is embedded throughout our curriculum with a focus on resiliency and growth mindset. Additional supports are provided by our counselors and prevention clinicians.

COLLEGE PREPARATION

The state-supported universities in Ohio operate with unconditional and conditional admissions for acceptance and enrollment. Unconditional admission means the student has met all of the specific course recommendations as outlined by that specific university. Conditional admission means the student may be admitted to a particular state university even though he or she has not met all of the specific outlined course recommendations. Students in the conditional category will be required to make up the high school coursework deficiency after enrolling in college. The following is the minimum college preparatory curriculum recommended by the state institutions of Ohio:

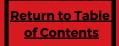
English	4.0 Credits
Mathematics	4.0 Credits (including Algebra I, Geometry, and Algebra II)
Science	4.0 Credits (including 2 lab sciences)
Social Studies	4.0 Credits
World Language	2.0 Credits in the same world language (3.0 credits highly
recommended)	
Fine Arts	1.0 Credit (including art, choir, and band)

College Selection

It is essential to provide accurate and high-quality information, assistance, and support concerning college choice, application, and enrollment to students and their parents. The school counselors and College and Career counselor serve as the resource center for assorted college reference materials. Many representatives from various colleges regularly visit our school to meet with senior students.

College Code (CEEB): 362445

This college code is needed when completing college applications, ACT/SAT registration packets, and NCAA registration.



STANDARDIZED TESTS

ACT (American College Test)

All high school juniors in the state of Ohio will be given the opportunity to take the ACT one time, free of charge, at the high school in the spring of their junior year. Most colleges accept the ACT for admission purposes. The ACT consists of four sections – English, mathematics, reading, and science reasoning. The writing section will not be given at the free high school administration in the spring of the junior year. Students should check with their college choices to see if the writing section is required. Students who receive services from the IEP, 504, and ELL program are able to apply for accommodations during testing. Please see your school counselor for more information.

Other administrations of the test are available, for a fee, several times throughout the year at various test centers in and around Columbus. Students may find more information and register online, at <u>https://www.act.org/content/act/en.html</u>. Students who qualify for free or reduced-price lunch can request a fee waiver to cover the cost of additional ACT testing.

ASVAB (Armed Services Vocational Aptitude Battery)

This test is a multiple-choice test administered by the United States Military Entrance Processing Command and is used to determine qualification for enlistment in the United States Armed Forces. The test is usually given twice a year, in the fall and winter, at Eastland-Fairfield Career and Technical Schools. There is no cost for the test. Students may get more information about the test from their school counselor, or by contacting a local recruiter.

PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)

The PSAT will be administered in October each year to sophomores and juniors. Taking the test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation. African American students who wish to participate in the National Achievement Scholarship Program for outstanding Black Students must take this test. Additional information about taking this test may be found online, at <u>https://collegereadiness.collegeboard.org/sat/taking-the-test.</u>

SAT (Scholastic Aptitude Test)

The SAT consists of verbal, mathematical, and writing sections. SATs are given several times throughout the year at various test centers in central Ohio (not including Groveport Madison High School). Registration information is available online, at <u>https://www.act.org/content/act/en.html</u>. A fee is charged for this test.

Students who receive services from the IEP, 504, and ELL program are able to apply for accommodations during testing. Please see your school counselor for more information. Students who qualify for free or reduced-price lunch may request a fee waiver to cover the cost of testing.

State End-of-Course Exams

State achievement tests tell us how well our students are growing in the knowledge and skills outlined in Ohio's Learning Standards. These tests help guide and strengthen future teaching so we can be sure that we are preparing our students for long-term success in school, college, careers and life. Test results also allow citizens to know how their local schools are performing compared to others around the state.

Students will take the state End-of-course tests after completing the course for English language arts II, algebra I, geometry (or integrated mathematics I and II), biology, American history, and American government. Tests are administered in the Spring of each school year. Retest opportunities are administered in late fall of each school year.



WorkKeys

WorkKeys is a state Board of Education-approved assessment. The test has three sections: Applied Math, Graphic Literacy, and Workplace Documents. Students at risk of not meeting the competency requirements for graduation may choose to use an <u>industry-recognized credential</u> and a score on <u>WorkKeys</u>, an industry-recognized, application-based assessment used to measure work readiness, to earn a high school diploma. Students adopting this option must earn one credential or a combination of credentials in a single career field totaling 12 points and a WorkKeys score of 14.

WebXam

Secondary Career-Technical Education (CTE) programs require career field pathway end-of-course tests. All tests are administered electronically through a web-based application. Paper tests are no longer an option. All CTE tests are developed and administered by The Ohio State University, CETE through a proprietary system. See more online, at <u>http://education.ohio.gov/Topics/Career-Tech/CTE-Assessment-System.</u>

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ATHLETIC ELIGIBILITY

Student athletes must meet all OHSAA scholastic requirements. In order to be eligible to play school sports in grades 10-12, a student athlete must be currently enrolled and must have been enrolled in school during the immediately preceding grading period. During the preceding grading period, the student athlete must have received passing grades in a minimum of five one-credit courses or the equivalent, which count toward graduation. Remember, physical education, weight training, flag corps and fitness are only worth 1/4 credit. In order to count toward the five credits necessary for eligibility, an additional 1/4 credit class must be passed in the same quarter. It is the responsibility of the student and parent to verify that the student is enrolled in the appropriate number of credits for eligibility each semester. A student enrolling in the 9th grade must have passed a minimum of five (5) courses carried the preceding grading period in which the student was enrolled.

Groveport Madison Local Schools Board of Education requires students in grades 9-12 to maintain a minimum grade point average of 2.0 as a condition of their participation in interscholastic athletics. In addition to the eligibility requirements established by the OHSAA, to be eligible for an interscholastic extracurricular activity, a student may have a failing grade in a class but must maintain at least a GPA of 2.0 for the grading period prior to the grading period in which they wish to participate. Students who do not meet the GPA requirement of 2.0, but do meet the OHSAA requirement, can use two waivers during their four-year career.

The eligibility or ineligibility of a student continues until their grades are evaluated 24hours after grades are submitted for student athletes who become eligible. Students become ineligible the morning of the fifth day of the next grading period. Once grades are posted at the end of the grading period, only grades marked as "I" (Incomplete) may be changed.

All student athletes and their parent/guardian must attend a mandatory code of conduct meeting prior to participating in any sports team. If the student is a multi-sport athlete, they and their parent/guardian must attend a code of conduct meeting one time per year.

NCAA Requirements for Student Athletes

For the most up-to-date and detailed description of NCAA requirements, please visit <u>web3.ncaa.org/ecwr3/.</u>

Grade 9 and Grade 10

Verify with your school counselor and the online core course listing that you are on track.

Grade 11

- Register with the eligibility center.
- Verify you are still on track to meet core course requirements (verify with the eligibility center that you have the correct number of core courses and the core courses are on your high school's 48-H).
- After your junior year, have your school counselor send a copy of your transcript to the college. If you have attended any other high schools, make sure a transcript is sent to the eligibility center from each high school.
- When taking the ACT or SAT, request test scores be sent to the eligibility center using the code "9999".
- Begin your amateurism questionnaire.

Grade 12

- When taking the ACT or SAT, request test scores be sent to the eligibility center using the code "9999".
- Complete the amateurism questionnaire and sign the final authorization signature online on or after April 1 if you are expecting to enroll in college in the fall semester. (If you expect to enroll for the spring semester, sign the final authorization signature on or after October 1 of the year prior to enrollment).
- Have your school counselor send a final transcript with proof of graduation to the eligibility center.

NCAA Division I Initial-Eligibility Requirements

Core Courses

Sixteen (16) core courses are required.

- Ten (10) core courses completed before the seventh semester; seven (7) of the ten (10) must be in English, math, or natural/physical science.
 - These courses/grades are "locked in" at the start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - Students who do not meet core course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements.

Test Scores (ACT/SAT)

Students must present a corresponding test score and core-course GPA on the sliding scale.

- ACT: English, math, reading, and science sections.
 - Best sub score from each section is used to determine the ACT sum score for initial eligibility.
- SAT: critical reading and math sections.
 - Best sub score from each section is used to determine the SAT combined score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. **Test scores on transcripts will not be used.**

Core Grade-Point Average

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website <u>(https://web3.ncaa.org/ecwr3/)</u> will be used to calculate your core-course GPA. Use this list as a guide.
- Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B.
- Core-course GPA is calculated using the best 16 core courses that meet both progression (ten (10) before the seventh semester; seven (7) in English, math, or science; "locked in") and subject-area requirements.

NCAA Division II Initial-Eligibility Requirements

Core Courses

Division II currently requires 16 core courses.

Test Scores (ACT/SAT)

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68.
- **Division II** will use a sliding scale to match test scores and core-course grade-point averages (GPA).
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of "9999" to ensure that all ACT and SAT scores are reported directly to the NCAA Eligibility Center from the testing agency. **Test scores that appear on transcripts will not be used.**

Core Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website <u>https://web3.ncaa.org/ecwr3/</u>). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division II** core GPA required to be eligible for competition is 2.200.
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier is 2.000.
- Remember, the NCAA core GPA is calculated using NCAA core courses only.



-ENGLISH-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

ENGLISH CORE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
English 9	9	None	Year	1.0
Honors English 9	9	Teacher Recommendation or Gifted Designation	Year	1.0
English 10	9, 10	None	Year	1.0
Honors English 10	9, 10	Teacher Recommendation or Gifted Designation	Year	1.0
English 11	10, 11	None	Year	1.0
Honors English 11	10, 11	Teacher Recommendation or Gifted Designation	Year	1.0
English 12	11, 12	None	Year	1.0
Honors English 12	11, 12	Teacher Recommendation or Gifted Designation	Year	1.0

ENGLISH CORE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
EL English I	9, 10, 11, 12	OELPA Scores & Teacher Recommendation	Year	1.0
EL ELA I Lab	9, 10, 11, 12	Enrolled in EL ELA I	Year	1.0
EL English II	9, 10, 11, 12	OELPA Scores & Teacher Recommendation	Year	1.0
EL English III	9, 10, 11, 12	OELPA Scores & Teacher Recommendation	Year	1.0
EL English IV	9, 10, 11, 12	OELPA Scores & Teacher Recommendation	Year	1.0



REMINDER: Click on Cruiser to return to the course tables.



ENGLISH 9 CREDIT: 1.0 GRADES: 9 PREREQUISITE: NONE

English 9 is a comprehensive yearlong course that studies world literature through reading, acquisition of vocabulary, and composition based on the Ohio Learning Standards.

HONORS ENGLISH 9 CREDIT: 1.0 GRADES: 9

PREREQUISITE: GIFTED IDENTIFIED OR TEACHER RECOMMENDATION

Honors English 9 is a comprehensive yearlong course that studies world literature through reading, acquisition of vocabulary, and composition based on the Ohio Learning Standards. Course content, pace, and academic rigor allow for greater depth and acceleration as they follow the Ohio Learning Standards.

ENGLISH 10 CREDIT: 1.0 GRADES: 9, 10 PREREQUISITE: COMPLETED ENGLISH 9

English 10 is a comprehensive yearlong course that studies literature and nonfiction texts through reading, acquisition of vocabulary, and composition based on the Ohio Learning Standards. These students will take the ELA II End-of-Course exam for graduation in the spring. *If a student does not pass English 10 or score competency on the end of course exam, they will retake the class in person.*

HONORS ENGLISH 10 CREDIT: 1.0 GRADES: 9,10

PREREQUISITE: GIFTED IDENTIFIED OR TEACHER RECOMMENDATION

Honors English 10 is a comprehensive yearlong course that studies literature and nonfiction texts through reading, acquisition of vocabulary, and composition based on the Ohio Learning Standards. This course is academically rigorous and is recommended for students who demonstrate advanced skills in independent reading, writing, and communication. It emphasizes a concentrated approach to the critical analysis and interpretation of fiction, nonfiction, and poetry. Contemporary, classic literature, and world literature will be studied. These students will take the ELA II End-of-Course exam for graduation in the spring. *If a student does not pass English 10 or score competency on the end of course exam, they will retake the class in person.*



ENGLISH 11 CREDIT: 1.0 GRADES: 10, 11 PREREQUISITE: COMPLETED ENGLISH 10

English 11 is a yearlong course that studies American literature and nonfiction texts. This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Ohio Learning Standards.

HONORS ENGLISH 11 CREDIT: 1.0 GRADES: 10, 11 PREREQUISITE: GIFTED IDENTIFIED OR TEACHER RECOMMENDATION

Honors English 11 is a yearlong course that studies American literature and nonfiction texts. This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Ohio Learning Standards. This course is academically rigorous and is recommended for students who demonstrate advanced skills in independent reading, writing, and communication. It emphasizes a concentrated approach to the critical analysis and interpretation of fiction, nonfiction, and poetry.

ENGLISH 12 CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: COMPLETED ENGLISH 11

English 12 is a yearlong course that studies American and British literature in addition to nonfiction texts. This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Ohio Learning Standards.

HONORS ENGLISH 12 CREDIT: 1.0 GRADES: 11, 12

PREREQUISITE: GIFTED DESIGNATION, HONORS ENGLISH 11, OR TEACHER RECOMMENDATION

Honors English 12 is a yearlong course that studies American and British literature in addition to nonfiction texts. This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Ohio Learning Standards. This course is academically rigorous and is recommended for students who demonstrate advanced skills in independent reading, writing, and communication. It emphasizes a concentrated approach to the critical analysis and interpretation of fiction, nonfiction, and poetry.

ENGLISH LEARNERS (EL) ENGLISH LANGUAGE ARTS I CREDIT: 1.0 GRADES: 9, 10, 11, 12

PREREQUISITE: OELPA SCORES & TEACHER RECOMMENDATION

EL ELA I is a comprehensive course designed to help students develop foundational English language skills in reading, writing, speaking, and listening. Students will learn the English alphabet, beginning phonics, phonemic awareness, and essential vocabulary, while building skills in identifying and understanding frequently occurring words and phrases in both written and spoken contexts. They will practice constructing clear, simple, and compound sentences using common linking words, writing short claims supported by reasons or evidence, and recounting sequences of events. In speaking, students will participate in short conversations on familiar topics, construct spoken claims supported by opinions or evidence, and retell key details from oral communications. The course emphasizes recognizing main ideas in texts, gathering and summarizing information, and analyzing oral arguments. Students will also engage with American culture, school procedures, and study skills to help them adjust to the classroom environment. EL ELA I follows the Vista Higher Learning Get Ready! curriculum and aligns with Ohio English Language Arts 9-10 standards and Ohio English Language Proficiency Standards. Students placed in this course will not be placed in the mainstream ELA courses. Students in this course are reading at a first grade level or lower, while also scoring all I's on the OELPS/OELPA. Students in this course will also take EL ELA I Lab. This is a full-year course open to grades 9-12, offering 1 high school English credit. If students are in the 10th grade or have not previously taken the Ohio English Language Arts End of Course Exam, they will be required to do so in the fall or spring.

ENGLISH LEARNERS (EL) ENGLISH LANGUAGE ARTS I LAB CREDIT: 1 GRADES: 9-12

PREREQUISITE: ENROLLED IN EL ELA I

The EL ELA I Lab is designed to support newcomers to the English Language Learner (ELL) program by introducing them to essential technology skills and foundational academic tools. Students will gain hands-on experience with using computers, navigating Google Classroom, and becoming familiar with school systems and resources. The course focuses on digital literacy, including basic computer skills and accessing online platforms such as Lexia, which is a reading program to help strengthen foundational reading skills. This course will improve students' reading, writing, and comprehension abilities in English. This lab provides a supportive environment to help newcomers transition smoothly into the academic setting, build confidence in technology use, and strengthen their foundational language skills. This course aligns with the Ohio English Language Proficiency Standards. Students in this lab must also be taking EL ELA I. This is a full-year course open to grades 9-12, offering 1 high school elective credit.

ENGLISH LEARNERS (EL) ENGLISH LANGUAGE ARTS II CREDIT: 1 GRADES: 9-12

PREREQUISITE: OELPA SCORES AND TEACHER RECOMMENDATION

EL ELA II builds on the skills taught in EL ELA I, with continued focus on listening, speaking, phonics, phonemic awareness, and vocabulary, while introducing a stronger emphasis on reading comprehension and writing. By the end of the year, students will work toward becoming independent readers and writers, capable of writing paragraphs. Students will also practice producing simple and compound sentences to present information, participate in short conversations about familiar topics, and recount events. They will also construct spoken claims supported by reasoning or evidence, introduce topics, and conclude with statements. Speaking and listening activities will include delivering short oral presentations, participating in discussions, and analyzing oral arguments on familiar topics. In writing, students will focus on constructing clear, coherent sentences using linking words, organizing ideas, and supporting claims with reasons or evidence. They will also write relevant questions, summarize information from sources, and demonstrate understanding of key vocabulary, phrases, and expressions in literary and informational texts. Throughout the course, students will strengthen their ability to analyze texts, summarize key details, and gather information from multiple sources. By the end of the year, students will be expected to demonstrate improved oral and written communication skills, preparing them for future academic challenges. EL ELA II follows the Vista Higher Learning Get Ready! curriculum and aligns with Ohio English Language Arts 9-10 standards and Ohio English Language Proficiency Standards. Students in this course will not be placed in mainstream ELA courses. Students in this course are reading at a first and second grade level and have 1's and 2's on the OELPS/OELPA. This is a full-year course open to grades 9-12, offering 1 high school English credit. If students are in the 10th grade or have not previously taken the Ohio English Language Arts End of Course Exam, they will be required to do so in the fall or spring.

ENGLISH LANGUAGE LEARNERS (EL) ENGLISH LANGUAGE ARTS III CREDIT: 1 GRADES: 9-12

PREREQUISITE: OELPA SCORES AND TEACHER RECOMMENDATION

In this course, students will enhance their vocabulary, listening, speaking, reading, and writing skills while receiving targeted support to improve reading comprehension and writing abilities. EL ELA III focuses on refining decoding skills for longer words, fluency in reading narrative and informational texts, and developing writing skills such as crafting structured paragraphs and simple essays. Students will engage in activities that support vocabulary development, build confidence in speaking and listening, and improve their ability to summarize and analyze information. They will learn to determine the meaning of academic and contentspecific words, paraphrase key concepts, identify main ideas, and comprehend exchanges of written information. Emphasis is placed on analyzing reasoning and rhetoric in persuasive texts, conducting research, and using written and oral communication to develop and support claims. By the end of the year, students will be able to express ideas clearly, engage in academic conversations, and summarize key points from readings. This course prepares students for a smooth transition to EL ELA IV and follows the Hampton-Brown Edge curriculum. EL ELA III aligns with Ohio English Language Arts standards as well as Ohio English Language Proficiency standards. Students in this course will not be placed in mainstream ELA courses. Students in this course are reading between a third and fifth grade level and scored 2's and 3's on the OELPS/OELPA. This is a full-year course open to 9th-12th graders, and students earn 1 high school English credit. If students are in the 10th grade or have not previously taken the Ohio English Language Arts End of Course Exam, they will be required to do so in the fall or spring.

ENGLISH LEARNERS (EL) ENGLISH LANGUAGE ARTS IV CREDIT: 1 GRADES: 9-12

PREREQUISITE: OELPA SCORES AND TEACHER RECOMMENDATION

This course is designed to develop intermediate English language skills, helping students build fluency in listening, speaking, reading, and writing with a strong focus on academic language used in high school content-area courses. Students will engage with increasingly complex texts, write analytical essays, and improve their ability to express ideas clearly and coherently. The course emphasizes critical thinking, academic discussions, and presentation skills to prepare students for success in general education English courses and beyond. Students will use standard language forms and complex transitions to clarify relationships among events and ideas, analyze and critique others' arguments, and develop presentations to communicate research. They will participate in extended conversations and discussions on a range of topics, texts, and issues, probing reasoning and claims, summarizing key ideas and evidence, and fully developing claims or topics with relevant details and supporting information. The course also focuses on determining the meanings of academic, content-specific words, figurative language, and idiomatic expressions, while analyzing the development of themes, arguments, and rhetorical strategies in oral presentations and persuasive speeches. Students will compose coherent narratives and informational texts using compound and complex sentences, varied transitions, and persuasive techniques, developing claims with evidence. Additionally, they will conduct research, synthesize information from multiple sources, and evaluate the reliability of their findings. EL ELA IV follows the Hampton-Brown Edge curriculum and aligns with Ohio English Language Arts standards as well as Ohio English Language Proficiency standards. Students in this course will not be placed in mainstream ELA courses. Students in this course are reading between a sixth and eighth grade level and scored 3's and 4's on the OELPS/OELPA. This is a full-year course open to 9th-12th graders, and students earn 1 high school English credit. If students are in the 10th grade or have not previously taken the Ohio English Language Arts End of Course Exam, they will be required to do so in the fall or spring.

ENGLISH ELECTIVE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
English Support	11, 12	End-of-Course Exam scores	Semester	0.5
Creative Writing	9, 10, 11, 12	None	Semester	0.5
Mythology	9, 10, 11, 12	None	Semester	0.5
Public Speaking	9, 10, 11, 12	None	Semester	0.5
Mass Media	9, 10, 11, 12	None	Semester	0.5
Journalism	9, 10, 11, 12	None	Semester	0.5
Advanced Journalism	10, 11, 12	Teacher Recommendation	Semester	0.5
Film Studies	9, 10, 11, 12	None	Semester	0.5
Theater I	9, 10, 11, 12	None	Semester	0.5
Theater II	9, 10, 11, 12	Theater I	Semester	0.5



ENGLISH SUPPORT CREDIT: 0.5 GRADES: 11, 12 PREREQUISITE: END-OF-COURSE EXAM SCORES

This course is designed to develop and reinforce reading and writing skills students need for success within their English classes. This course is for those students who passed English 10, but did not meet competency on the ELA 2 End-of-Course exam. The course is developed around the Ohio's Learning Standards for ELA.

CREATIVE WRITING CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is a study of independent writing and creative thought. Students will explore the writing process in a way that can be transferred to their educational, work, and personal lives. Topics will range from grammar and mechanics to short stories and poetry. The main goals are to develop the skills and build the confidence necessary to become effective communicators.

MYTHOLOGY CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is a study of Greek and Roman mythology. Students will discuss life's "big questions" and explore humanity's imaginative answers. Topics will include creation myths, origin myths, hero stories and afterlife myths. In addition to reading traditional stories, we will use film, music, poetry, cartoons, documentaries, history, and archeology to study the subject.

PUBLIC SPEAKING CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This public-speaking course explores the communication process. Students will learn the elements of effective strategies for successful one-on-one and group communication. This course emphasizes the researching, outlining, writing, and presenting of speeches, as well as oral interpretation of literature.. This course is recommended for students who are college bound.

MASS MEDIA CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This class examines the structure and operation of mass media including advertising, news coverage of current events, and the entertainment industry. Students will critically examine the media's influence on society with particular attention to diversity in various media outlets. This course enables students to identify and examine messages in the media in correlation with strengthening formal writing skills.

JOURNALISM CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This class teaches students to write about current events with a focus on effective research skills. Topics include writing about politics, entertainment, sports, and opinion. Students also will conduct interviews, critically examine professional news sources, and explore legal limitations to their first amendment rights.

ADVANCED JOURNALISM CREDIT: 0.5 GRADES: 10-12 PREREQUISITE: TEACHER RECOMMENDATION

Advanced journalism builds upon students' writing, interviewing, and research in journalism class and applies those skills to creating a school news publication. Writing will cover school and community events and developments across a wide range of areas. Students will also revise and edit their own and others' writing, as well as conduct interviews and research.

FILM STUDIES CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course introduces students to the basics of film analysis, cinematic elements, genre, and narrative structure. The class is designed to help students develop the skills to recognize, analyze, describe, and enjoy film as a form of art and entertainment. Students will view a variety of films from different time periods and genres to build an appreciation for film history and to develop vocabulary for film analysis.

THEATER I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is a comprehensive survey of theatrical arts with an emphasis on learning by doing. Students will be exposed to acting, a brief history of theater, play analysis, scriptwriting, play production, and musical theater. Students are expected to perform in class on a regular basis, with an emphasis on performance.

THEATER II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: THEATER I

This course is the next step in a comprehensive survey of theatrical arts with an emphasis on learning by doing. In this class, students will take the base knowledge developed in theater I and expand upon it by studying plays more in-depth. Students also will be introduced to new topics such as the history of theater, members of the production team, and long-form improvisation.

[©]ENGLISH COLLEGE CREDIT PLUS (CCP) COURSES

CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
ENGL-1100 (Composition I)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
ENGL-2367 (Composition II)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0

ENGLISH ADVANCED PLACEMENT (AP) COURSES

AP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
AP Language and Composition	10-12	Writing sample, teacher recommendation	Year	1.0
AP Literature and Composition	10-12	Writing sample, teacher recommendation	Year	1.0

CSCC ENGLISH 1100 (COMPOSITION 1) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE; PLACEMENT TESTING SCORE

This is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized.

CSCC ENGLISH 2367 (COMPOSITION II) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE; PLACEMENT TESTING SCORE

ENGL 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise the identities.

AP LANGUAGE & COMPOSITION CREDIT: 1.0 GRADES: 10, 11 PREREQUISITE: HONORS ENGLISI

PREREQUISITE: HONORS ENGLISH 10, EVALUATION OF A WRITING SAMPLE, OR TEACHER RECOMMENDATION. STUDENTS CANNOT TAKE THE COURSE WITHOUT SUCCESSFUL COMPLETION OF HONORS ENGLISH 10.

This course prepares students for college work and for the AP Exam. Students in AP Language and Composition must complete assigned summer readings and be prepared to write about and discuss the works in the first weeks of school. Students learn how to analyze, synthesize, and evaluate primarily nonfiction texts: essays, biographies, autobiographies, speeches, sermons, and passages from writings in the arts, history, social science, politics, science, and other areas of study. Students learn to evaluate and construct arguments from articles in newspapers, magazines, and online publications. The course cannot help but be interdisciplinary, immersing students in a variety of sources. Increasingly, the course explores visual media. Students construct arguments drawn from their own observation, experience, and reading, learn to synthesize as a result of their own research opportunities, and learn to analyze arguments both for their appeals—ethos, logos, pathos—and for the contexts in which these arguments appear. Students enrolling in AP courses are encouraged to take the AP exams which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

AP LITERATURE & COMPOSITION

CREDIT: 1.0

GRADES: 12

PREREQUISITE: HONORS ENGLISH 11 OR AP LANGUAGE AND COMPOSITION, RUBRIC EVALUATION OF A WRITING SAMPLE, OR TEACHER RECOMMENDATION.

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as much smaller-scale elements, such as the use of figurative language, imagery, symbolism and tone. The course prepares students for college work and for the AP Exam. Students in AP Literature and Composition must complete assigned summer readings and be prepared to write about and discuss the works in the first weeks of school. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

-MATHEMATICS-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

MATHEMATICS CORE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Algebra I	9	None	Year	1.0
Algebra I Lab	9,10	State test results & teacher recommendation	Year	2.0
Algebra 1A	9	State test results & teacher recommendation	Year	1.0
Algebra 1B	10	Algebra 1A credit	Year	1.0
Geometry	9, 10, 11	Algebra I	Year	1.0
Honors Geometry	9, 10	Teacher Recommendation or Gifted Designation	Year	1.0
Mathematics Modeling & Reasoning (MMR)	11, 12	Algebra I and Geometry	Year	1.0
Data Science Foundations	10, 11, 12	Algebra I and Geometry	Year	1.0

MATHEMATICS CORE COURSES CONTINUED

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Algebra II	10, 11, 12	Algebra I and Geometry credits	Year	1.0
Algebra II A	11, 12	Algebra I credit, Standardized test scores and teacher recommendation	Year	1.0
Algebra II B	11, 12	Algebra II A credit	Year	1.0
Honors Algebra II	10, 11, 12	Teacher Recommendation or Gifted Designation	Year	1.0
College Prep Math (CPM)	10, 11, 12	Algebra 2 Recommended	Year	1.0
Pre-Calculus	11, 12	Teacher Recommendation or Gifted Designation	Year	1.0
Honors Pre- Calculus	11, 12	Teacher Recommendation or Gifted Designation	Year	1.0
Honors Statistics	11, 12	Teacher Recommendation or Gifted Designation	Year	1.0

REMINDER: Click on Cruiser to

return to the course tables.

MATHEMATICS CORE COURSES

ALGEBRA I CREDIT: 1.0 GRADES: 9 PREREQUISITE: NONE

This course will cover all Algebra I indicators from Ohio's Learning Standards. The course will focus on number concepts, equations and inequalities, data analysis, polynomials, and characteristics of functions (linear, quadratic, and exponential), systems and general graphing. Students who plan to pursue mathematics, engineering, or science should have a thorough knowledge of algebra. A scientific calculator is required. These students will take the Algebra End-of-Course exam for graduation in the spring. If a student does not pass Algebra 1 or score proficient (700) on the end of course exam, they will retake the class in person.

ALGEBRA I WITH LAB CREDIT: 2.0 GRADES: 9-10

PREREQUISITE: BY STANDARDIZED TEST SCORES AND TEACHER RECOMMENDATION ONLY.

This course will cover the same material at the same pace Algebra I. It will be taken two periods a day instead of one. The course provides additional instruction on the topics being covered in Algebra I. These students will take the Algebra End-of-Course exam for graduation in the spring.

This course would be especially appropriate for students with some of the following characteristics:

- Those who need additional support in foundational math skills, may be struggling with Algebra 1 concepts, or
- Require more hands-on practice to fully grasp the material;
- Students who are performing at a slightly below average level in math
- Those identified as needing extra support by their teachers or school counselors
- Students who need tailored explanations and guidance

ALGEBRA IA CREDIT: 1.0 GRADES: 9 PREREQUISITE: STATE TEST RESULTS & TEACHER RECOMMENDATION

This course is designed for students to learn the material for Algebra I over two years. The students will learn the first semester content this year. These students will not take the state end of course exam this year, but they will take it next year after completing Algebra 1B.

ALGEBRA IB CREDIT: 1.0 GRADES: 9, 10 PREREQUISITE: ALGEBRA 1A CREDIT

This course is only offered to students that passed Algebra I A. This course is the second semester of the content taught in Algebra I. The students will take the state end of course exam for graduation in the spring. These students will take the Algebra End-of-Course exam for graduation in the spring.

GEOMETRY CREDIT: 1.0 GRADES: 9, 10, 11 PREREQUISITE: ALGEBRA I CREDIT

Geometry is the study of the relationships that exist between lines and angles in two-dimensional spaces. Students will learn how to deductively prove that certain relationships are true. Time will be spent calculating the perimeter, area, surface area, and volume of various three-dimensional figures, as well as observing properties of circles and similar figures. An introduction to right triangular trigonometry will serve as preparation for future course work. A scientific calculator is required. These students will take the Geometry End-of-Course exam for graduation in the spring.

HONORS GEOMETRY CREDIT: 1.0 GRADES: 9, 10 PREREQUISITE: TEACHE

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

This course moves at a faster pace than regular geometry. Students will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students will utilize advanced calculators and systems to enhance their learning. Students will benefit from the richness of the course by completing in-depth explorations of the extension activities, increasing their awareness of mathematical applications, and further developing critical thinking and communication skills. These students will take the Geometry End-of-Course exam for graduation in the spring.

MATHEMATICS MODELING & REASONING (MMR) CREDIT: 1.0 GRADES: 11, 12

PREREQUISITE: ALGEBRA I & GEOMETRY CREDITS

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. A student who needs a third or fourth credit in mathematics and is not intending to pursue a career that requires calculus. This course is designed to prepare students for college math or to go directly into a career field. This course would be especially appropriate for students with some of the following characteristics:

- Anticipating a career in the arts or behavior sciences;
- Anticipating a career that emphasizes utilizing measurements or units;
- Pursuing a pathway that does not require calculus; and/or
- Enjoys hands-on, collaborative work within real-world contexts.

DATA SCIENCE FOUNDATIONS CREDIT: 1.0 GRADES: 11-12 PREREQUISITE: ALGEBRA I & GEOMETRY

Data science is a blend of quantitative reasoning, statistics and computer science to gain meaningful insights from data. The 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. Students will reason with and think critically about data in all forms. They will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society and more. This course would be especially appropriate for a student with the following characteristics:

- Anticipating a career in behavioral sciences;
- Anticipating a career in the emerging fields of Computer Science, Computational Data Analysis or/and Statistics;
- Is interested in applied fields of study which use mathematics;
- Enjoys exploring engaging, real-world issues involving data;
- Desires to become a better-informed citizen;
- Pursuing a pathway that does not require calculus; and/or
- Pursuing computer technology or STEM fields in a postsecondary institution.

ALGEBRA II CREDIT: 1.0 GRADES: 10, 11, 12

PREREQUISITE: ALGEBRA I AND GEOMETRY CREDITS

A college-preparatory course that covers algebraic fractions, equations of different degrees, roots and powers, Cartesian graphs, inequalities, word problems, and proportions. A scientific calculator is required. This course would be especially appropriate for students with some of the following characteristics:

- Students who plan to pursue higher education, especially in STEM fields
- Anticipate attending college for science, technology, engineering, and mathematics majors.
 - Doctor/Veterinarian
 - Engineer
 - Farm manager
 - Scientist
 - Financial Manager



ALGEBRA IIA CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE:

PREREQUISITE: ALGEBRA I CREDIT, STANDARDIZED TEST SCORES AND TEACHER RECOMMENDATION

This course is designed for students to learn the material for Algebra 2 over two years. The students will learn the first semester content this year.

ALGEBRA IIB CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: ALGEBRA II A CREDIT

This course is only offered to students that passed Algebra 2A. This course is the second semester of the content taught in Algebra II.

HONORS ALGEBRA II CREDIT: 1.0 GRADES: 10, 11, 12

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

Advanced topics of Algebra including quadratic and higher equations and inequalities, radical expressions and equations, conic sections, systems of equations, advanced graphing techniques, and formal proofs are explained. A graphing calculator is required. This course would be especially appropriate for students with some of the following characteristics:

- Students who plan to pursue higher education, especially in STEM fields
- Anticipate attending college for science, technology, engineering, and mathematics majors.
 - Doctor/Veterinarian
 - Engineer
 - Farm manager
 - Scientist
 - Financial Manager

COLLEGE PREP MATH (CPM) CREDIT: 1.0 GRADES: 11-12 PREREQUISITE: ALGEBRA 2 CREDIT (RECOMMENDED)

This course is a self-paced, mastery-based program intended to get students ready for college-level math courses. It's designed to help students identify the areas they need to strengthen and develop their skills so they are equipped for success in college. The individualized nature of the program also promotes student accountability for their own progress and success in the course. This innovative approach to learning combines self-paced learning software with on-demand instructor support. Students practice skills in class at their own pace, both at home and in the classroom, using a series of modules that allow them to master concepts that build upon one another.

- The curriculum is divided into three course modules to align with Columbus State's pre college-level math sequence.
- Students who complete all three modules are eligible to register for college-level mathematics at Columbus State.
- Students who complete College Prep Math can register for college-level math in their first semester at Columbus State.

PRE-CALCULUS CREDIT: 1.0 GRADES: 11-12 PREREQUISITE: TEACHER RECOMMENDATION

Students in this course will expand the student's proficiency in analysis, trigonometric concepts, algebraic concepts, problem solving, real and complex number systems, and elementary calculus. Students will benefit from the richness of the course by completing in-depth explorations of the extension activities, increasing their awareness of mathematical applications, and further developing critical thinking and communication skills. A TI-83 or TI-84 graphing calculator is required. This course would be especially appropriate for students with some of the following characteristics:

- Planning to major in a STEM field (science, technology, engineering, math) at college
- Aiming to apply to selective universities
- Want a strong foundation in mathematics to prepare for advanced math courses like calculus.

HONORS PRE-CALCULUS CREDIT: 1.0

GRADES: 11-12

PREREQUISITE: Teacher Recommendation or Gifted Designation

This course moves at a faster pace and cover topics more in-depth than regular pre-calculus. Students in this course will expand the student's proficiency in analysis, trigonometric concepts, algebraic concepts, problem solving, real and complex number systems, and elementary calculus. Students will benefit from the richness of the course by completing in-depth explorations of the extension activities, increasing their awareness of mathematical applications, and further developing critical thinking and communication skills. A TI-83 or TI-84 graphing calculator is required. This course would be especially appropriate for students with some of the following characteristics:

- Planning to major in a STEM field (science, technology, engineering, math) at college
- Aiming to apply to selective universities
- Want a strong foundation in mathematics to prepare for advanced math courses like calculus.

HONORS STATISTICS

CREDIT: 1.0 GRADES: 11-12

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

This course will also involve analyzing data, interpreting/creating graphs, working with formulas, probabilities and performing a statistical study, however they will also study distributions, 17 random variables, and hypothesis testing. Some college majors that will require the study of statistics include Accounting, Biology, Computer Science, Economics, Management, Mathematics, Nursing, Political Science, Psychology and Social Work. If you are considering going to college for one of these careers, you might want to consider Statistics. If you have an idea of what you may want to study in college, go to a couple of university websites and look at the course of study for those majors and plan your senior year so that it best fits you and your goals.

This course would be especially appropriate for students with some of the following characteristics:

- Students interested in social sciences, healthcare, business, economics, research, or any STEM field where data analysis is important
 - Human Resource Manager
 - Medical Technician
 - Nurse
 - Political Scientist
 - Social Worker
 - Firefighter





MATHEMATICS ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Algebra EOC Prep	10, 11, 12	Outcome of End-of-Course exam	Semester	0.5

MATHEMATICES COLLEGE CREDIT PLUS (CCP COURSES)

CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
MTH- 1146 (College Algebra Plus)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0

MATHEMATICS ADVANCED PLACEMENT (AP) COURSES

AP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
AP Calculus	12	Successful completion of Pre-Calculus	Year	1.0
AP Statistics	11, 12	Successful completion of Geometry and Algebra II	Year	1.0

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ALGEBRA EOC PREP CREDIT: 0.5 GRADES: 10, 11, 12 PREREQUISITE: OUTCOME OF END-OF-COURSE EXAM

This course is designed to develop and reinforce necessary Mathematical skills to allow students to be successful within their Math classes. For those students who passed Algebra 1, but did not meet competency on the Algebra 1 end of course assessment. The course is developed around Ohio's Learning Standards for Mathematics.



CSCC MTH 1146 (COLLEGE ALGEBRA PLUS) CREDIT: 1.0 GRADES: 11-12

PREREQUISITE: SUCCESSFUL COMPLETION OF MATH PLACEMENT TEST FOR CSCC

College Algebra Plus is a course in the study of the elementary functions. The concept of function is developed from definition and notation through an analysis of the elementary functions: linear, quadratic, absolute value, reciprocal, square root, polynomial, rational, exponential, and logarithmic, as well as piecewise, composite and inverse functions. The analysis includes function behavior with an introduction to the concepts of continuity and limits, extrema, and zeros, as well as corresponding graphical characteristics. The topic of average rate of change of a function is included. Analytic techniques include the Rational Zeros Theorem, Intermediate Value Theorem, and Conjugate Pairs Theorem, as well as factoring and transformations. The course includes solving systems of nonlinear equations and partial fraction decomposition and concludes with an introduction to arithmetic and geometric sequences and partial sums. This course is designed to support and strengthen algebraic proficiency within the study of the elementary functions and emphasizes the conceptual framework of the elementary functions and the quantitative reasoning to apply them.

AP CALCULUS CREDIT: 1.0 GRADES: 9, 10, 11, 12 PREREQUISITE: SUCCESSEL

PREREQUISITE: SUCCESSFUL COMPLETION OF PRE-CALCULUS

This course is designed for the student who intends to pursue a career in science, engineering or mathematicsrelated fields. Curriculum focuses on differential and integral Calculus, their applications, and advanced graphing techniques. Students will receive a weighted grade for AP courses. Course level transfers out of AP must be made by the end of the first quarter; the grade earned to date will transfer to the reassigned class. A TI-83 or TI-84 graphing calculator is required on the AP exam. Students enrolling in AP courses are required to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. AP testing fees may be covered by state and/or local funds, as available. Fee waivers may be dependent upon academic status of the student. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

AP STATISTICS

CREDIT: 1.0 GRADES: 9, 10, 11, 12

PREREQUISITE: SUCCESSFUL COMPLETION OF GEOMETRY AND ALGEBRA II

Advanced Placement Statistics is equivalent to a college-level statistics class. During this course, the student will be exposed to four broad conceptual themes and will be expected to demonstrate proficiency in: exploring data, planning a study, anticipating patterns, and statistical inference. Additionally, using the vocabulary of statistics, this course will teach students how to communicate statistical methods, results and interpretations. Students will frequently work on projects involving the hands-on gathering and analysis of real-world data. Students who successfully complete this course will be prepared to take the AP Statistics exam and have the ability to earn college credit. A TI-83 or TI-84 graphing calculator is required. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

-SCIENCE-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

SCIENCE CORE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Physical Science	9	None	Year	1.0
Honors Physical Science	9	Teacher Recommendation or Gifted Designation	Year	1.0
Biology	10	None	Year	1.0
Honors Biology	10	Teacher Recommendation or Gifted Designation	Year	1.0
Chemistry	11, 12	Biology credit	Year	1.0
Honors Chemistry	11, 12	Biology credit and Algebra II (may be concurrent) Teacher Recommendation or Gifted Designation	Year	1.0
Environmental Science	11, 12	Completion of Physical Science and Biology	Year	1.0
Physics	11, 12	Biology and Algebra II credits	Year	1.0
Human Genetics	11, 12	Biology credit	Year	1.0
Anatomy & Physiology	11, 12	Completion of Physical Science and Biology	Year	1.0
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PHYSICAL SCIENCE CREDIT: 1.0 GRADES: 9 PREREQUISITE: NONE

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Students will have an inquiry-based lab experience in which they will engage in scientific ways of thinking, such as problem solving, questioning, experimenting, analysis, and data interpretation.

HONORS PHYSICAL SCIENCE

CREDIT: 1.0 GRADES: 9

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Students will have an inquiry-based lab experience in which they will engage in scientific ways of thinking, such as problem solving, questioning, experimenting, analysis, and data interpretation. Honors students must be willing to accept the challenge of academic rigor, including out-of-class research and assignments.

BIOLOGY CREDIT: 1.0 GRADES: 10 PREREQUISITE: NONE

This is a life science course covering the basic concepts of cell structure and function, biochemistry, heredity and genetics, ecology, variation and change in living things, and the major groups of organisms. Laboratory activities will be included. These students will take the Biology End-of-Course exam for graduation in the spring.

HONORS BIOLOGY CREDIT: 1.0 GRADES: 10

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Students will have an inquiry-based lab experience where they will engage in scientific ways of thinking such as problem solving, questioning, experimenting, analysis, and data interpretation. Students should

expect the challenge of academic rigor, including out-of-class research and assignments. Topics covered include ecology, chemistry of life, cell structures, functions and processes, DNA/RNA structures, protein synthesis, genetics and taxonomy. These students will take the Biology End-of-Course exam for graduation in the spring.

CHEMISTRY CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: BIOLOGY CREDIT

This is an advanced physical science class for college-bound students focusing on the study of the composition of matter and the changes it undergoes. Specific topics studied are the classification of matter, atomic structure, intramolecular and intermolecular interactions, chemical reactions, the periodic table, kinetic theory, water and solutions, acids and bases, and introductory organic chemistry. Chemistry includes significant laboratory experience to meet college core curriculum.

HONORS CHEMISTRY CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: BIOLOGY, ALGEBRA II (CAN BE CONCURRENT) TEACHER RECOMMENDATION OR GIFTED DESIGNATION

Students will have an inquiry-based lab experience in which they will engage in scientific ways of thinking, such as problem solving, questioning, experimenting, analysis, and data interpretation. Honors students must be willing to accept the challenge of academic rigor, including out-of-class research and assignments. Honors Chemistry is an advanced physical science class for college-bound students focusing on the study of the composition of matter and the changes it undergoes. Specific topics studied are the classification of matter, atomic structure, chemical reactions, the periodic table, kinetic theory, water and solutions, acids and bases, and introductory organic chemistry. Chemistry includes significant laboratory experience to meet college core curriculum.

ENVIRONMENTAL SCIENCE

CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: COMPLETION OF PHYSICAL SCIENCE AND BIOLOGY

This course is designed to acquaint students with the Earth's cycles and the physical, ecological, social, and political principles of environmental science. Scientific methods will be used to analyze and understand interactions between humans and the natural environment. The course shows how ecological realities and the material desires of humans often clash, leading to environmental degradation and pollution. Includes laboratory experience for college core curriculum.

PHYSICS CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: BIOLOGY AND ALGEBRA II CREDITS

This course is a study of motion, energy, and waves, including sound and electromagnetism. This course emphasizes the use of math in a science setting and is designed to help prepare the student for entry into college-level science classes. Physics includes significant laboratory experience for the college core curriculum.

HUMAN GENETICS CREDIT: 1.0 GRADES: 11,12 PREREQUISITE: BIOLOGY CREDIT

The study of heredity and gene action is one of the most rapidly developing fields of biology. Genetics is essential to understanding all aspects of biology, and this field has driven many of the modern advances in medicine, agriculture, and the pharmaceutical industry. The concentration in genetics provides a solid foundation of those planning careers in medicine. This course takes a human genetics approach, staring out with an overview of DNA structure and function, an investigation of exactly how genes work, epigenetics (how your environment, diet, and lifestyle can switch your genes on or off), mutations and genetic disorders, biotechnology (including CRISPR!), and pharmacogenomics (how your genes affect your response to medicines).

ANATOMY AND PHYSIOLOGY

CREDIT: 1.0 GRADES: 11, 12

PREREQUISITE: TEACHER RECOMMENDATION OR GIFTED DESIGNATION

Anatomy and Physiology is an upper-level life science course covering the basics of human anatomy and physiology including anatomical terminology, cells and tissues, as well as the systems of the human body; the integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive systems. The physiology component introduces common human disease processes, provides insights into the structure and function of the systems of the human body, and includes the study of physiological concepts via experimentation. Includes laboratory experience for college core curriculum.

Return to Table of Contents SCIENCE ELECTIVE COURSES				
ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Forensic Lab Skills	9, 10, 11, 12	None	Semester	0.5
Science Thru Film	9, 10, 11, 12	None	Semester	0.5
SCIENCE COLLEGE CREDIT PLUS (CCP) COURSES				
CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
CSCC Blo-1111 (Intro to Biology w/ Lab)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
CSCC Bio-1101 (Fund. of Human Anatomy & Physiology)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
MULT-1110 (Medical Terminology)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	0.67
SCIENCE ADVANCED PLACEMENT (AP) COURSES				
AP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT

Biology credit

Year

1.0

AP Environmental

Science

11, 12

FORENSIC LAB SKILLS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course will teach students how to apply scientific methods to collect, analyze, interpret, and present evidence that is often found at scenes of crime. Topics include, but are not limited to, securing a crime scene, trace evidence, blood/DNA evidence, impressions, ballistics, arson and explosives evidence, and fingerprinting. This course will include labs and other hands-on activities.

EXPLORING SCIENTIFIC CONCEPTS THROUGH FILM CREDIT: 0.5 GRADES: 9, 10, 11, 12 PREREQUISITE: NONE

In this course, we will use popular films to explore, analyze, and critique scientific concepts, theories, and ethical dilemmas. From the physics of time travel in Back to the Future to the genetics of cloning in Jurassic Park, movies often spark curiosity about the natural world. Students will engage in discussions that bridge the gap between Hollywood fiction and real-world science, examining the accuracy of scientific principles and the impact of science on society. Topics will range from physics and biology to psychology and environmental science, encouraging critical thinking about how science is portrayed in media and its implications. By the end of the course, students will have a deeper understanding of both science and the art of storytelling, equipped with the skills to distinguish fact from fiction and to think critically about the role of science in popular culture.

SCIENCE COLLEGE CREDIT PLUS (CCP) COURSES

CSCC BIO-1101 (FUNDAMENTALS OF HUMAN ANATOMY AND PHYSIOLOGY) CREDIT: 1.0 GRADES: 9, 10, 11, 12

PREREQUISITE: ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE; PLACEMENT TESTING SCORE

This course covers the fundamentals of normal human anatomy and physiology including terminology, homeostasis, membrane transport, tissues, integumentary, musculoskeletal, neuroendocrine, hemic-lymphatic, cardiopulmonary, urogenital, digestive systems, and acid-base balance including on-line review of basic cell biology and biological chemistry. Case studies relate normal anatomy and physiology to specific disorders.

CSCC BIO-1111 (INTRO TO BIOLOGY WITH LAB)

CREDIT: 1.0

GRADES: 9, 10, 11, 12

PREREQUISITE: ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE; PLACEMENT TESTING SCORE

A general biology course for non-majors designed to introduce the student to major concepts in these subject areas: cell biology, metabolism, genetics, evolution, diversity of life, and ecology.

CSCC Mult-1110 (Medical Terminology) CREDIT: 0.67

GRADES: 9-12

PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES (DO NOT HAVE TO BE ENROLLED IN PATHWAY, HOWEVER PATHWAYS STUDENTS GET PRIORITY IN SCHEDULING)

This introductory course provides an overview of medical language. Emphasis will be placed on terms that are practical and commonly found in the day-to-day work of all allied health professions. This concise course gives basic principles for understanding the language with an overview of terms from many areas of medicine.

AP ENVIRONMENTAL SCIENCE CREDIT: 1.0 GRADES: 11, 12

PREREQUISITE: SUCCESSFUL COMPLETION OF BIOLOGY

AP Environmental Science is an introductory college-level science course. The course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course helps students identify and analyze natural and human-induced environmental problems. It enables them to learn how to assess the risks associated with these problems and evaluate alternative solutions for resolving and preventing them. AP Courses are designed for the student who intends to pursue a career in science-or engineering-related fields. Students will receive a weighted grade for AP courses. Course level transfers out of AP must be made by the end of the first quarter. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$37 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

-SOCIAL STUDIES-COURSE OFFERINGS



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REMINDER: Click on Cruiser to see course descriptions.

SOCIAL STUDIES CORE COURSES

CORE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
World History	9	None	Semester	0.5
Honors World History	9	Teacher Recommendation or Gifted Designation	Year	0.5
American History	9.10	None	Year	1.0
Honors American History	9,10	Teacher Recommendation or Gifted Designation	Year	1.0
Government	11, 12	None	Year	1.0
Honors American Government	10, 11, 12	Teacher Recommendation or Gifted Designation	Year	1.0
Model UN	9, 10, 11, 12	Teacher recommendation, or B or better in current English or Social Studies Course, or Gifted Designation	Semester	0.5

WORLD HISTORY CREDIT: .5 GRADE: 9 PREREQUISITE: NONE

Following the Ohio Learning Standards indicators in World History, students will explore the political, economic, and social conditions of the world from the early 1900s to the present. It aims to help students understand how historical events shape today's world, emphasizing critical thinking, source evaluation, and the impact of decisions on people and societies.

HONORS WORLD HISTORY CREDIT: .5 GRADE: 9

PREREQUISITE: NONE

Following the Ohio Learning Standards indicators in World History, students will explore the political, economic, and social conditions of the world from the early 1900s to the present. It aims to help students understand how historical events shape today's world, emphasizing critical thinking, source evaluation, and the impact of decisions on people and societies. This course is taught at an accelerated pace, with greater rigor and depth than the general-level course for students of high ability. In addition, students should demonstrate advanced and independent reading and writing skills, and be willing to engage in critical discussions inside and outside the classroom.

AMERICAN HISTORY CREDIT: 1.0 GRADES: 10 PREREQUISITE: NONE

Following the Ohio Learning Standards indicators in American History, students will learn about political, economic, and social events from 1877 to the present day, how these perspectives and events came to pass, and their meaning for today's citizens. These students will take the state end-of-course exam for graduation in the spring.

HONORS AMERICAN HISTORY CREDIT: 1.0 GRADES: 10 PREREQUISITE: TEACHER RECOMMENDATION OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE

Following the Ohio Learning Standards indicators in American History, students will learn about political, economic, and social events from 1877 to the present day, how these perspectives and events came to pass, and their meaning for today's citizens. This course is taught at an accelerated pace, with greater rigor and depth than the general-level course for students of high ability. In addition, students should demonstrate advanced and independent reading and writing skills, and be willing to engage in critical discussions inside and outside the classroom. These students will take the state end-of-course exam for graduation in the spring.

GOVERNMENT CREDIT: 1.0 GRADES: 11 PREREQUISITE: NONE

Following the Ohio Learning Standards indicators in American Government, students will focus on how the Ohio and American governments are organized, the rights and responsibilities of citizens, the powers of and interaction between the three branches, civil rights and civil liberties, and public policy. These students will take the American Government end of course exam for graduation in the spring.

HONORS AMERICAN GOVERNMENT

CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: TEACHER RECOMMENDATION OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE

Following the Ohio Learning Standards indicators in American Government, students will focus on how the Ohio and American governments are organized, the rights and responsibilities of citizens, the powers of and interaction between the three branches, civil rights and civil liberties, and public policy. This course is taught at an accelerated pace, with greater rigor and depth than the general-level course for students of high ability. In addition, students should demonstrate advanced and independent reading and writing skills, and be willing to engage in critical discussions inside and outside the classroom. These students will take the American Government end of course exam for graduation in the spring.

HONORS MODEL UN - HISTORY OF THE UNITED NATIONS & FOREIGN POLICY

CREDIT: 0.5

GRADES: 9-12

PREREQUISITE: TEACHER RECOMMENDATION, OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE, OR GIFTED DESIGNATION

The purpose of this course is for students to understand the role of the United Nations in foreign diplomatic relations throughout the world by analyzing why the United Nations was created after the conclusion of World War II. In addition, students will evaluate how this international governing body increases diplomacy worldwide by solving conflicts before they lead to conflict. Students will collaborate as UN officials and work to resolve global issues through a project-based learning experience that culminates in a competition field trip at the Ohio Model UN competition in December. This course meets the World History graduation requirement.

SOCIAL STUDIES ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Civics	9, 10, 11, 12	None	Semester	0.5
Honors Civics	9, 10, 11, 12	None	Semester	0.5
Street Law	9, 10, 11, 12	None	Semester	0.5
Heroes and Villians	9, 10, 11, 12	None	Semester	0.5
History of Pop Culture	9, 10, 11, 12	None	Semester	0.5
African American History	9, 10, 11, 12	None	Semester	0.5

SOCIAL STUDIES ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
World Geography	9, 10, 11, 12	None	Semester	0.5
Sociology	9, 10, 11, 12	None	Semester	0.5
Contemporary World Issues	9, 10, 11, 12	None	Semester	0.5
Financial Literacy	9, 10, 11, 12	None	Semester	0.5
Psychology	9, 10, 11, 12	None	Semester	0.5
European History	11, 12	Passed World and American History with a B or higher or Teacher Recommendation	Semester	0.5



REMINDER: Click on Cruiser to return to the course tables.

CIVICS CREDIT: .5 GRADE: 9 PREREQUISITE: NONE

This Civics course provides a basic understanding of citizenship, government, and politics by exploring the history and development of government, the rights guaranteed to American citizens, and the duties and responsibilities citizens must uphold. The course also covers the structure of the U.S. political system, the role of government, and how American politics relates to global affairs. This course will cover several American History, World History and American Government indicators from Ohio's Learning Standards.

HONORS CIVICS CREDIT: .5 GRADE: 9 PREREQUISITE: NONE

This Civics course provides a basic understanding of citizenship, government, and politics by exploring the history and development of government, the rights guaranteed to American citizens, and the duties and responsibilities citizens must uphold. The course also covers the structure of the U.S. political system, the role of government, and how American politics relates to global affairs. This course will cover several American History, World History and American Government indicators from Ohio's Learning Standards. This course is taught at an accelerated pace, with greater rigor and depth than the general-level course for students of high ability. In addition, students should demonstrate advanced and independent reading and writing skills, and be willing to engage in critical discussions inside and outside the classroom.

STREET LAW CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

The purpose of this course is to provide an introduction to the United States legal system and how it works. Students will engage in the study of criminal, civil, contract, and family law in the classroom and the community. Street Law will allow students to develop a positive attitude towards the law and the criminal justice system. This course will cover several American History and American Government indicators from Ohio's Learning Standards.

HEROES AND VILLAINS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

The course will focus on important figures, concepts, and events that have influenced history and society during the 20th-21st centuries. This class will also deal with themes that make a person a "hero" or a "villain" of history. This course will cover several American History, World History and American Government indicators from Ohio's Learning Standards.

HISTORY OF POP CULTURE CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

The course will focus on popular cultural movements throughout the decades of the 20th and 21st centuries, including but limited to: music, movies, sports, television, politics, fashion, and trends. The course will also make the connections between these movements and the impacts they have on society. This course will cover several American History, World History, and American Government indicators from Ohio's Learning Standards.

AFRICAN AMERICAN HISTORY CREDIT: 0.5 GRADES: 9-12 PREREOUISITE: NONE

This course examines the achievements, experiences, and struggles of people of African descent in America by exploring how African Americans faced challenges to freedom, advancement, and prosperity, and how they shaped identities and culture in our nation. While it will touch on African origins, the course focuses on the historical, economic, political, and cultural developments from the African Slave Trade to the modern era. This course will cover several American History, World History, and American Government indicators from Ohio's Learning Standards.

WORLD GEOGRAPHY CREDIT: .5 GRADES: 9-12 PREREQUISITE: NONE

Following the Ohio Learning Standards indicators in World Geography, students will focus on understanding physical and cultural features, spatial thinking, and contemporary issues through the lens of geography.

SOCIOLOGY CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course will cover standards from the American Sociological Association's National Standards for High School Sociology. The course will focus on the sociological perspective, methods of inquiry, social structure, culture, society, social relationships, socialization, stratification, and inequality. This course will cover several American History, World History, and American Government indicators from Ohio's Learning Standards.

CONTEMPORARY WORLD ISSUES CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course will cover all Contemporary World Issues indicators from Ohio's Learning Standards. The will focus on Contemporary political, economic, social, historical and geographical issues and the approaches to addressing issues globally and regionally. This course meets the World History graduation requirement.

FINANCIAL LITERACY CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This is a semester course that provides students the ability to read, analyze, manage and communicate about personal financial conditions that affect one's material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond completely to life events that affect everyday financial decisions, including events in the general economy.

PSYCHOLOGY CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course will cover various standards from the American Psychological Association's National Standards for High School Psychology Curricula. The course will focus on psychology's integrative themes including pillars in scientific inquiry, research methods, biology, cognition, development, learning, personality, social psychology, and mental and physical health.

EUROPEAN HISTORY CREDIT: 0.5 GRADES: 11-12 PREREQUISITE: PASSED WORLD AND AMERICAN HISTORY WITH A B OR HIGHER OR TEACHER RECOMMENDATION

This course will cover content similar to an introductory-level college course in modern European history. This course will focus on how European cultural, economic, political, and social developments have fundamentally shaped the contemporary world.

SOCIAL STUDIES COLLEGE CREDIT PLUS (CCP) COURSES

CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
HIST-1152 (US History Since 1877)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
PSY-1100 (Introduction to Psychology)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
POLS-1100 (Introduction to American Government)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0

SOCIAL STUDIES ADVANCED PLACEMENT (AP) COURSES

AP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
AP US Government	11, 12	Teacher recommendation or B or better in current English or Social Studies Course	Year	1.0
AP Psychology	10, 11, 12	Teacher recommendation or B or better in current English or Social Studies Course	Year	1.0
AP US History	10, 11, 12	Teacher recommendation or B or better in current English or Social Studies Course	Year	1.0
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CSCC HIST 1152 (US HISTORY SINCE 1877) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

This course covers various topics in American history reconstruction to the present. It is an introduction to the study of history and the intellectual, social, and cultural themes that have shaped our present society. Students will demonstrate the ability to understand and apply basic historical concepts methodologies, and approaches; apply critical thinking to analyze primary and secondary sources; and explain the cause, effect, and relevance of specific historical events within the broader historical context.

CSCC PSY 1100 (INTRODUCTION TO PSYCHOLOGY)

CREDIT: 1.0 GRADES: 10-12

PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

PSY 1100 is an introductory course that comprehensively surveys psychological science. It covers various topics, including the biological bases of behavior, sensation, perception, consciousness, memory, cognition, development, social psychology, personality, emotion, motivation, psychological disorders, and therapeutic approaches. The course emphasizes the application of the scientific method to the empirical study of behavior, focusing on individual and cultural differences.

CSCC POLS-1100 (INTRODUCTION TO AMERICAN GOVERNMENT)

CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

This course introduces students to the nature, purpose and structure of the American political system. Attention is given to the institutions and processes that create public policy. The strengths and weaknesses of the American political system are discussed, along with the role of citizens in a democracy.

AP US GOVERNMENT CREDIT: 1.0 GRADES: 11-12 PREREQUISITE: TEACHER RECOMMENDATION OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE

This course will cover all the course content from the AP US Government & Politics Course Framework. This course will focus on the foundations of American government, the powers of and interaction between the three branches, civil rights and civil liberties, campaigns and elections, and linkage institutions. Students must complete a summer assignment due on the first day of the school year. These students will take the state end of course exam for graduation in the spring. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

AP PSYCHOLOGY CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: TEACHER RECOMMENDATION OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE

The AP Psychology course is designed to introduce high school students to the systematic and scientific study of human behavior and mental processes. It aligns with the curriculum provided by the College Board and prepares students to take the AP Psychology exam for potential college credit. The course focuses on critical thinking, research, and practical applications of psychological principles in everyday life. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

: AP UNITED STATES HISTORY CREDIT: 1.0

GRADES: 10-12

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PREREQUISITE: TEACHER RECOMMENDATION OR B OR BETTER IN CURRENT ENGLISH OR SOCIAL STUDIES COURSE

In AP US History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods historians employ: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, continuity, and change over time. These students will take the AP exam in May. Students enrolling in AP courses are encouraged to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. Families will be responsible for all Advanced Placement course fees including testing fees. The College Board provides a \$36 fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

-WORLD LANGUAGES-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

WORLD LANGUAGES ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Spanish I	9, 10, 11, 12	None	Year 1	1.0
Spanish II	10, 11, 12	Spanish I Credit	Year 1	1.0
Honors Spanish II	10, 11, 12	Teacher Recommendation or Spanish I credit	Year 1	1.0
Spanish III	11, 12	Teacher Recommendation or Spanish II credit	Year 1	1.0
Spanish for Heritage Speakers	9, 10, 11, 12	Teacher Recommendation	Year 1	1.0
French I	9, 10, 11, 12	None	Year 1	1.0
French II	10, 11, 12	French I credit	Year 1	1.0
French III	11, 12	Teacher Recommendation or French II credit	Year 1	1.0
French for Heritage Speakers	9, 10, 11, 12	Teacher Recommendation	Year 1	1.0

SPANISH I CREDIT: 1.0 GRADES: 9, 10, 11, 12 PREREQUISITE: NONE

The Spanish I course focuses on basic communication skills. Vocabulary topics and grammar are presented in context. Students explore the culture of select Spanish-speaking countries. Daily preparation, memorization, a willingness to participate orally, and consistent practice are essential for student success.

Spanish II CREDIT: 1.0 GRADES: 10, 11, 12 PREREQUISITE: SPANISH I CREDIT

This course is designed for students who plan to take only two years of a foreign language to complete a college entry requirement. This course strengthens the basics that were taught in Level I while learning new vocabulary and grammar structures. Students will study additional vocabulary and advanced grammar to further develop their conversational and reading abilities. The culture of Spanish-speaking countries is explored. Success in this course requires knowledge of Spanish I vocabulary and grammar. Students entering this course should be able to conjugate regular and irregular present tense verbs, answer simple questions, and read/understand short passages in Spanish. Spanish II builds upon the knowledge gained in Spanish I.

Honors Spanish II CREDIT: 1.0 GRADES: 10, 11, 12 PREREQUISITE: TEACHER RECOMMENDATION OR SPANISH I CREDIT

This course provides an opportunity for advanced students to extend their skills and to interact with authentic resources that are aligned with the current AP curriculum. It will target those who wish to take three or more years of the language and are interested in earning an Honors Diploma. Students will study more vocabulary and advanced grammar to further develop their conversational and reading abilities. The culture of Spanish-speaking countries is explored. Success in this course requires knowledge of Spanish I vocabulary and grammar. Students should be able to conjugate regular and irregular present tense verbs, answer questions, and read/understand short passages in Spanish. Students must receive a teacher recommendation to advance to the next language level.

Spanish III CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: TEACHER RECOMMENDATION OR SPANISH II CREDIT

Students gain fluency, building on basic language skills acquired in the previous levels of Spanish. This course reinforces previously studied grammatical concepts and introduces advanced grammatical structures. Students expand their active vocabulary. Speaking and writing skills and further cultural study are emphasized. Much of this course is taught in Spanish.

Spanish for Heritage Speakers CREDIT: 1.0 GRADES: 9, 10, 11, 12 PREREQUISITE: TEACHER RECOMMENDATION

This course is for heritage speakers who have the ability to communicate verbally in Spanish and are interested in improving their linguistic skills. Generally, these are students raised in homes where Spanish is spoken. The course is designed to build on the language base students already possess while exploring topics related to their cultural backgrounds. The class creates a community with other students who share a cultural connection with the language. The class is conducted in Spanish and may be repeated once upon recommendation of the teacher.



FRENCH I CREDIT: 1.0 GRADES: 9, 10, 11, 12 PREREQUISITE: NONE

The French I course focuses on basic communication skills. Vocabulary topics and grammar are presented in context. Students explore the culture of select French-speaking countries. Daily preparation, memorization, a willingness to participate orally, and consistent practice are essential for student success.

FRENCH II CREDIT: 1.0 GRADES: 10, 11, 12 PREREQUISITE: FRENCH I CREDIT

This course is designed for students who plan to take only two years of a foreign language to complete a college entry requirement. This course strengthens the basics that were taught in Level I while learning new vocabulary and grammar structures. Students will study additional vocabulary and advanced grammar to further develop their conversational and reading abilities. The culture of French-speaking countries is explored. Success in this course requires knowledge of French I vocabulary and grammar. Students entering this course should be able to conjugate regular and irregular present tense verbs, answer simple questions, and read/understand short passages in French. French II builds upon the knowledge gained in French I.

FRENCH III CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: TEACHER RECOMMENDATION OR FRENCH II CREDIT

Students gain fluency, building on basic language skills acquired in the previous levels of French. This course reinforces previously studied grammatical concepts and introduces advanced grammatical structures. Students expand their active vocabulary. Speaking and writing skills and further cultural study are emphasized. Much of this course is taught in French.

FRENCH FOR HERITAGE SPEAKERS CREDIT: 1.0 GRADES: 9, 10, 11, 12

PREREQUISITE: TEACHER RECOMMENDATION

This course is for heritage speakers who have the ability to communicate verbally in French and are interested in improving their linguistic skills. Generally, these are students raised in homes where French is spoken. The course is designed to build on the language base students already possess while exploring topics related to their cultural backgrounds. The class creates a community with other students who share a cultural connection with the language. The class is conducted in French and may be repeated once.

WORLD LANGUAGES (AP) COURSES

AP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
AP Spanish IV	12	Teacher Recommendation or B or higher in Spanish III	Year	1.0

AP SPANISH IV

CREDIT: 1.0 GRADES: 12

PREREQUISITE: TEACHER RECOMMENDATION, B OR HIGHER IN SPANISH III

This course is comparable in content and difficulty to a full-year course in advanced Spanish composition and conversation at the college level. The course is conducted entirely in Spanish. It is designed to develop proficiency with emphasis on active communication for students who already have a good command of the grammar and considerable competence in listening, reading, speaking, and writing. An extensive study of advanced grammar is an integral part of the class. Students read newspapers, magazine articles, and works of modern literature. Students engage in a variety of listening, speaking, reading, and writing activities, reflecting on material read and interests shared by the students and teacher. Summer work is required for this course. Students enrolling in AP courses are required to take the AP exams, which are given in May on predetermined dates established by the College Board. College credit may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The College Board provides a fee reduction per AP Exam for eligible students with financial need. Students should see their counselors regarding fee waivers for AP Exams.

-COLLEGE AND CAREER READINESS-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

COLLEGE AND CAREER READINESS ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Journey to College 11 (2nd semester only)	11	None	Semester	0.5
Journey to College 12 (1st semester only)	12	Journey to College 11	Semester	0.5
Career Exploration Internship	11, 12	Core Courses, application and parent/guardian permission	Semester	0.5 - 2.0

JOURNEY TO COLLEGE 11 (OFFERED SECOND SEMESTER ONLY) CREDIT: 0.5 GRADES: 11 PREREOUISITE: NONE

This course is designed to prepare students to navigate all aspects of the college selection and admission process, as well as providing a look at the various aspects of college life. Students will research information related to colleges and other post-secondary options. Some of the topics covered in Journey to College 11 will be learning how to finance college and ACT/SAT registration and preparation. Students also will learn about differing college requirements and identify colleges that meet students' needs. Students will develop and finalize a college list and develop a system for tracking their college applications, scholarships, and other important deadlines. This course is intended for students interested in pursuing college and requires that students complete a college and career research project.

JOURNEY TO COLLEGE 12 (OFFERED FIRST SEMESTER ONLY)

CREDIT: 0.5 GRADES: 12

PREREQUISITE: JOURNEY TO COLLEGE 11

This course is designed to prepare students to navigate all aspects of the college selection and admission process, as well as providing a look at the various aspects of college life. Students will research information related to colleges and other post-secondary options. Some of the topics covered in Journey to College 11 will be learning how to finance college and ACT/SAT registration and preparation. Students also will learn about differing college requirements and identify colleges that meet students' needs. Students will develop and finalize a college list and develop a system for tracking their college applications, scholarships, and other important deadlines. This course is intended for students interested in pursuing college and requires that students complete a college and career research project.

CAREER EXPLORATION/INTERNSHIP

CREDIT: 0.5-2.0 GRADES: 11, 12

PREREQUISITE: CORE COURSES, APPLICATION, AND PARENTAL PERMISSION

Students will have opportunities to gain real-world experience in fields of interest to them. Students are more likely to gain employment if they have completed either paid or unpaid internships. These experiences will put them ahead of their peers who do not have prior job experience. Students who complete internships will earn credits equal to a half credit for every 60 hours verified by an internship supervisor, but cannot earn more than two full credits in a single school year.

COLLEGE AND CAREER READINESS COLLEGE CREDIT PLUS (CCP) COURSES

CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
COLS-1101 (College Success Skills)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	0.33





COLS-1101 (COLLEGE SUCCESS SKILLS) CREDIT: 0.33 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

College Success Skills' students will develop the skills and resources necessary to be successful in their personal, academic and career-related pursuits. The course expands upon Columbus State's orientation to college resources, policies, and processes, but has value even to those students who do not plan to attend Columbus State after graduating from GMHS.

-VISUAL ARTS-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

VISUAL ARTS (2D) ELECTIVE COURSES

2D ART COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Arts Foundations	9, 10, 11, 12	None	Semester	0.5
Drawing I	9, 10, 11, 12	None	Semester	0.5
Drawing II	9, 10, 11, 12	Drawing I	Semester	0.5
Painting I	9, 10, 11, 12	None	Semester	0.5
Painting II	9, 10, 11, 12	Painting I	Semester	0.5
Airbrushing I	9, 10, 11, 12	None	Semester	0.5
Airbrushing II	9, 10, 11, 12	Airbrushing I	Semester	0.5

REMINDER: Click on Cruiser to return to the course tables.

VISUAL ARTS (2D) COURSES

ART FOUNDATIONS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Art Foundations is an introduction to various art processes such as drawing, painting, and three-dimensional art. Students concentrate on learning to draw, acquiring effective skills in the use of artists' materials, developing their imagination to develop original works of art, and discovering the world of art appreciation both past and present.

DRAWING I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Students will learn basic techniques and media of drawing, including perspective, proportion, composition, and tonal values using pencil, charcoal, pastels, markers, ink, etc. Still-life studies of objects from nature and observation are emphasized to develop rendering skills. Personal expression, creativity, and problem-solving are emphasized as students explore the relationships between the elements of art and principles of design in original compositions. Artwork from history is examined and analyzed.

DRAWING II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: DRAWING I

This course is devoted to the continued, rigorous, and advanced study of drawing. Students will participate in individualized critiques of their own work. Emphasis will be placed upon drawing from life, photos, and imagination. Students will be required to complete weekly sketchbook drawings in addition to their completed, in-depth studio projects.

PAINTING I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is devoted to the development of painting skills to challenge the student's creative potential. Various painting media such as watercolor, acrylic, & mixed media will be used. The student will learn a variety of painting methods and styles through the study of artists both past and present.

PAINTING II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: PAINTING 1

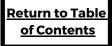
This course is devoted to the continued, rigorous, and advanced study of painting (watercolor, acrylic, watersoluble oil & mixed media). Students participate in individualized critiques of their own work through journaling/sketchbook, and show evidence of completed special projects

AIRBRUSHING I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course will investigate the various techniques of airbrushing; on paper and on fabrics. Students will learn various exercises to control atomization, masking areas through the creation of original handmade stencils, learning gradation, and lettering. Students also will learn proper care and cleaning of the tools. Contemporary urban artwork will be studied and analyzed.

Airbrushing II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: AIRBRUSHING I

This course is devoted to the continued, rigorous, and advanced study of airbrushing. Students will incorporate complex blending, fine detail work, specialized effects like gradients, textures, and realistic shading; incorporating more intricate stenciling and masking techniques to create new and original wearable works of art.



VISUAL ARTS (3D) ELECTIVE COURSES

3D ART COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Intro to Sculpture	9, 10, 11, 12	None	Semester	0.5
Ceramics I	10, 11, 12	Completion of Intro to Sculpture	Semester	0.5
Ceramics II	10, 11, 12	Ceramics I	Semester	0.5

INTRO TO SCULPTURE CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This is an introductory studio course for students who are interested in exploring three-dimensional artwork and media. Students will focus on the Elements of Art and Principles of Design by investigating solutions to three-dimensional problems. Students will use a variety of materials: clay, paper mache, wire, assemblage, etc. The work of historical and contemporary artists will be studied and analyzed to inform decision-making as part of the coursework.

CERAMICS I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: COMPLETION OF INTRO TO SCULPTURE

Studio course for students interested in learning the basics of working with clay. Multiple hand-building techniques will be explored through study of historical and contemporary artists and investigating personal solutions to three-dimensional problems. Students will be able to discuss and create a variety of ceramic works using knowledge of vocabulary, techniques, and processes.

CERAMICS II CREDIT: 0.5 GRADES: 10-12 PREREQUISITE: CERAMICS I

Studio course for students interested in expanding their knowledge of ceramics. Students will learn to use the potter's wheel in addition to more advanced techniques and processes building on previous experiences with ceramics. Students will be able to analyze, interpret, and evaluate a variety of works by historical and contemporary artists using expanded knowledge of vocabulary, techniques, and processes.

VISUAL ARTS (GRAPHIC) ELECTIVE COURSES

GRAPHIC ART COURSES				
ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Intro to Computer Graphics	9, 10, 11, 12	None	Semester	0.5
Digital Photography I	9, 10, 11, 12	None	Semester	0.5
Digital Photography II	9, 10, 11, 12	Digital Photography I	Semester	0.5
Video Production I	9, 10, 11, 12	None	Semester	0.5
Video Production II	9, 10, 11, 12	Video Production I, Journalism, or Public Speaking as well as recommendation from the Video Production, Journalism, or Public Speaking teacher	Semester	0.5

INTRO TO COMPUTER GRAPHICS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: None

Computer software is used as a design tool and illustrative medium for students to learn foundational graphic design principles such as fonts, colors, images, background, and layouts. Topics include digital techniques as they relate to principles of design, color, composition, and spatial relationships. Students also will create products through a series of illustrations involving freehand and technical drawing, rendering and composition using traditional and digital tools.

DIGITAL PHOTOGRAPHY CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Students will learn theories of exposure and how to use the different modes on the digital cameras. Composition and design, as well as use of photo editing software will be introduced in this course.

DIGITAL PHOTOGRAPHY II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: DIGITAL PHOTOGRAPHY I

This advanced course builds on the fundamentals of Digital Photography 1, focusing on creative expression, advanced camera techniques, and professional editing using software like Adobe Photoshop and Lightroom. Students will explore genres such as portrait, landscape, and conceptual photography, while developing a digital portfolio and personal artistic style.

VIDEO PRODUCTION I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Introductory class designed to provide students with an artistic, creative and historical background in the fields of video, broadcasting, and film production. Effective pre-production, production, and post-production skills are emphasized through a variety of hands-on projects. Professional standards, leadership and teamwork are incorporated into each project.

VIDEO PRODUCTION II (CRUISER NEWS)

CREDIT: 0.5 (THIS COURSE CAN BE TAKEN BOTH SEMESTERS FOR A FULL CREDIT. STUDENTS CAN BE ADDED SECOND SEMESTER FOR 0.5 CREDITS.)

GRADES: 9-12

PREREQUISITE: VIDEO PRODUCTION I, JOURNALISM, OR PUBLIC SPEAKING AS WELL AS RECOMMENDATION FROM THE VIDEO PRODUCTION, JOURNALISM, OR PUBLIC SPEAKING TEACHER

This year- long course is designed for students wanting to continue in the field of video production with a more detailed look at camera operations, studio lighting and computer editing. The students are also responsible for producing a news program (CRUISER NEWS), which involves gathering stories, doing daily announcements that are related to the school and broadcasting it throughout Groveport Madison High School. This class may be repeated upon recommendation of the instructor.

-PERFORMING ARTS-COURSE OFFERINGS



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PERFORMING ARTS ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Color Guard (Offered 1st Semester only)	9, 10, 11, 12	Audition	Semester	0.25
Fall Marching Band/Concert Band	9, 10, 11, 12	Audition	Semester	0.5
Freshman Band (Second Semester)	9	Middle or High School Band Director recommendation	Semester	0.5
Concert Band (Second Semester)	10, 11, 12	Audition	Semester	0.5
Jazz Band	9, 10, 11, 12	Enrolled in Band or Director Recommendation	Semester	0.5
Band Methods	9, 10, 11, 12	Band Experience or Teacher Recommendation	Semester	0.5
Music Fundamentals	9, 10, 11, 12	None	Semester	0.5

PERFORMING ARTS ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Concert Choir	9, 10, 11, 12	None	Year	1.0
Treble Chorus	9, 10, 11, 12	None	Semester	0.5
Bass Chorus	9, 10, 11, 12	None	Semester	0.5
Symphonic Choir	9, 10, 11, 12	Audition and Director recommendation	Year	1.0
Bel Canto	10, 11, 12	Audition and Director recommendation	Year	1.0
Divisi	10, 11, 12	Audition and Director recommendation	Year	1.0
Inside Music: Past, Present & Future	9, 10, 11, 12	None	Semester	0.5



COLOR GUARD CREDIT: 0.25 (FIRST SEMESTER ONLY) GRADES: 9-12

PREREQUISITE: AUDITION WITH COLOR GUARD INSTRUCTOR

Color Guard is a select ensemble and is a semester course that meets with the marching band during the fall. It is open to those students who audition in the spring of the previous year. Members of the Color Guard receive a 1/4 of credit for their participation in the fall. Color Guard performs at all football games, competes in OMEA (Ohio Music Education Association) marching band events, and all other scheduled performances with the marching band. Attendance is mandatory for all rehearsals (including summer), band camp, and performances. During the winter months, students may participate in the Winter Guard, which is an extra-curricular ensemble that performs at various events and contests, not a curricular class.

FALL MARCHING BAND/CONCERT BAND CREDIT: 0.5

GRADES: 9-12 PREREQUISITE: AUDITION

Fall Marching Band/Concert Band is a semester-long course that is open to all qualified students in grades 9-12 with band prerequisite confirmed by middle school directors for incoming freshmen, and high school director for grades 10-12. All students must participate in marching band unless they provide reasonable athletic conflict or a doctor's note excusing them from participation. Members of the Marching Band will receive one-half (0.5) credit, while those who participate in marching band for two years will, in addition, receive their PE credit. Daily rehearsals during the school day are concert band focused with some marching music built in. Attendance at all curricular and co-curricular rehearsals and performances is required. Summer rehearsals and band camp are required of all marching band students. The marching band performs at all football games, contests, community events, and other various events scheduled by the Director. For the students excluded from marching band with previous discussion with director, DAILY rehearsals during the school day are concert focused lessons.

FRESHMAN BAND (SPRING) CREDIT: 0.5 GRADES: 9

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PREREQUISITE: MIDDLE SCHOOL BAND DIRECTOR RECOMMENDATION

Freshman (Concert) Band is a semester-long course that is open to all qualified students in grade 9 with band prerequisite confirmed by middle school directors. Attendance at all curricular and cocurricular rehearsals and performances is required.

CONCERT BAND (SECOND SEMESTER) CREDIT: 0.5 GRADES: 10-12 PREREQUISITE: AUDITION

Concert Band is a semester-long course that is open to all qualified students in grades 10-12 with band prerequisite confirmed by high school directors. Members of the Concert Band will receive one-half (0.5) credit. Attendance at all curricular and co-curricular rehearsals and performances is required. Small ensemble and/or solo participation in the OMEA Solo and Ensemble contest are strongly recommended.

REMINDER: Click on Cruiser to return to the course tables.

JAZZ BAND CREDIT: 0,5 GRADES: 9-12

PREREQUISITE: ENROLLED IN BAND @ GMHS, PIANO/DRUM/GUITAR/BASS PLAYERS OUTSIDE OF BAND PROGRAM IF DISCUSSION OCCURS WITH BAND DIRECTOR

Jazz Band is a semester-long course for musicians within the band program interested in participating in a jazz based performance group. Instrumentation consists of alto, tenor baritone saxophone, trumpet, tuba, electric bass, electric guitar, drums and keyboards. Other instruments will be considered but requires a discussion with the band director. Literature to study includes compositions and instrumental techniques associated with American Jazz, World Jazz and other improvisation forms. Attendance at all curricular and co-curricular rehearsals and performances is required. No audition is required, but all students MUST discuss interest with band director.

BAND METHODS CREDIT: 0.5 GRADES: 9-12

PREREQUISITE: BAND EXPERIENCE OR TEACHER RECOMMENDATION

This semester-long course provides band students with comprehensive instruction in advanced instrumental techniques, ensemble skills, and music theory applications specific to concert band literature. Students will develop their musicianship through focused study of tone production, articulation, dynamics, blend, balance, and sight-reading while exploring challenging repertoire from diverse composers and musical periods. Through individualized instruction, sectional rehearsals, and full ensemble experiences, students will strengthen their leadership abilities, practice effective rehearsal techniques, and gain a deeper understanding of their role within the larger ensemble. The course emphasizes the importance of disciplined practice habits, collaborative musicianship, and performance preparation, culminating in public concert performances that showcase the students' musical growth and artistic achievement.

MUSIC FUNDAMENTALS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This foundational course introduces students to the essential elements of music theory, composition, and performance. Students will develop their understanding of musical notation, rhythm, melody, harmony, and basic keyboard skills. Through a combination of hands-on activities, listening exercises, and creative projects, students will learn to read and write music, recognize intervals and chord structures, and understand the building blocks of musical composition.

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PERFORMING ARTS ELECTIVE COURSES



CONCERT CHOIR CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: NONE

Course for beginner singers who enjoy making music and choose to strive for excellence in future choral participation. In addition to ensemble singing, students will be taught basic vocal techniques, tone production, and music literacy skills. The group may be a treble (SA) choir or mixed choir (SAB), depending upon enrollment. Music performed can range from the traditional choral music to popular music. Previous singing experience is not required. Students will have the opportunity to participate in OMEA Solo & Ensemble, though it is not a requirement. Participation in school concerts is required.

TREBLE CHORUS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Course designed for treble voices to perform a variety of choral works. Students will work on the maturity and flexibility of their vocal range through a broad range of experience. Music performed can range from showtunes, spirituals, R&B, classical, and popular music. Previous singing experience is recommended but not required. Students will have the opportunity to participate in OMEA Solo & Ensemble, though it is not a requirement. Participation in school concerts is recommended.

BASS CHORUS CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Course designed for bass voices to perform a variety of choral works. Students will work on the maturity and flexibility of their vocal range through a broad range of experience and work on their music literacy as well as vocal technique. Music performed can . Previous singing experience is recommended but not required. Students will have the opportunity to participate in OMEA Solo & Ensemble, though it is not a requirement. Participation in school concerts is recommended.

SYMPHONIC CHOIR CREDIT: 1.0 GRADES: 9-12

PREREQUISITE: AUDITION AND DIRECTOR RECOMMENDATION

Select, advanced-level choir open to students who demonstrate sufficient interest, ability and musical knowledge. The choir constantly works for improved choral sound and technique. This ensemble is dedicated to the performance of a variety of music styles. Professionalism in all aspects of performance is stressed. Previous singing experience is strongly recommended. Participation in several concerts is required; attendance at OMEA adjudicated events and Solo & Ensemble are recommended as well.



BEL CANTO CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: AUDITION & DIRECTOR RECOMMENDATION

Select ensemble course open for soprano/alto students who are interested in performing traditional and popular a cappella-style music. Students will increase the maturity and flexibility of the voice through a broader range of experience. Students will learn how to use proper singing techniques as they study a wide variety of classical, folk, and popular music in 4- to 8-part harmony. Previous singing experience is strongly recommended. Participation in several concerts is required; attendance at OMEA adjudicated events and Solo & Ensemble are recommended as well.

DIVISI

CREDIT: 1.0 GRADES: 10-12

PREREQUISITE: AUDITION & DIRECTOR RECOMMENDATION

Select ensemble course open for students who are interested in performing traditional and popular a cappella-style music. Students will learn how to use proper singing techniques as they study a wide variety of classical, folk, and popular music in 4- to 8-part harmony. Previous singing experience is strongly recommended. Participation in several concerts is required; attendance at OMEA adjudicated events and Solo & Ensemble are recommended as well.

INSIDE MUSIC: PAST, PRESENT & FUTURE CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

Students will explore the rich tapestry of 20th and 21st century music, from the emergence of jazz and blues to the evolution of rock, hip-hop, and contemporary classical compositions. Students will develop critical listening skills while examining how historical events, technological advances, and cultural movements have shaped modern musical expression across genres. Through guided listening sessions, class discussions, and creative projects, students will analyze the distinctive elements that define various musical styles and learn to articulate their observations using appropriate musical terminology. The course celebrates diversity in music by highlighting influential artists from different backgrounds and examining how their unique perspectives have contributed to the ongoing development of musical traditions.

PERFORMING ARTS ELECTIVE COURSES

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Stagecraft	9, 10, 11, 12	None	Semester	0.5
Theater I	9, 10, 11, 12	None	Semester	0.5
Theater II	9, 10, 11, 12	Theater I	Semester	0.5
Lighting and Sound Design	9, 10, 11, 12	None	Semester	0.5



STAGECRAFT CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is a comprehensive survey of theatrical arts with an emphasis on learning by doing. Students will be exposed to acting, a brief history of theater, play analysis, scriptwriting, play production, and musical theater. Students are expected to perform in class on a regular basis, with an emphasis on performance.

THEATER I CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

This course is a comprehensive survey of theatrical arts with an emphasis on learning by doing. Students will be exposed to acting, a brief history of theater, play analysis, scriptwriting, play production, and musical theater. Students are expected to perform in class on a regular basis, with an emphasis on performance.

THEATER II CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: THEATER I

This course is the next step in a comprehensive survey of theatrical arts with an emphasis on learning by doing. In this class, students will take the base knowledge developed in theater I and expand upon it by studying plays more in-depth. Students also will be introduced to new topics such as the history of theater, members of the production team, and long-form improvisation.

LIGHTING AND SOUND DESIGN CREDIT: 0.5 GRADES: 9-12 PREREQUISITE: NONE

The purpose of this class is to cover the basics of lighting and sound design. This will include sound design both for shows and for specific sound effects. As far as lighting design is concerned, we will cover breaking the stage into sections to design plots, light sketches, and designing our own plots. We will also cover old and current instrumentation so that students can leave understanding both where the technology has come from and where it is going. We will also cover how to hang an instrument.



-HEALTH AND PHYSICAL EDUCATION-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

HEALTH AND PHYSICAL EDUCATION REQUIRED COURSES

REQUIRED COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Health	9, 10, 11, 12	None	Semester	0.5
Physical Education*	9, 10, 11, 12	None	Semester	0.25

HEALTH CREDIT: .5 GRADES: 9-12 PREREQUISITE: NONE

This course includes the topics of tobacco, alcohol, drugs, nutrition, fitness, health and wellness, including but not limited to: appearance and behavior, the effects of emotions on mental and physical health, threat of infectious disease, first aid, and human sexuality and current events in health.

PHYSICAL EDUCATION CREDIT: .25 GRADES: 9-12 PREREQUISITE: NONE

This course uses the skills learned in previous grades and the application of them in team sports, games, and other physical activities. There is an emphasis on the techniques, strategies, and sportsmanship while participating in these activities. Successful participation for all students is emphasized. *

• **DRESS CODE FOR PHYSICAL EDUCATION AND FITNESS COURSES:** Students are required to wear proper athletic shoes while participating in class. They should be laced up, closed toe, and closed heel shoes. Absolutely no boots, dress shoes, sandals, flip flops. Phones, headphones and ear buds cannot be worn in class due to safety concerns.



-JUNIOR RESERVE OFFICER CORPS (JROTC)-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

REMINDER: Click on Cruiser to see course descriptions.

JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) COURSES

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Leadership Education and Training (LET) 1, The Emerging Leader	9, 10, 11, 12	None	Year	1.0
Leadership Education and Training 2, The Developing Leader	10, 11, 12	Completion of LET 1	Year	1.0
Leadership Education and Training 3, The Supervising Leader	11, 12	Completion of LET 1 and LET 2	Year	1.0
Leadership Education and Training 4, The Managing Leader	11, 12	Completion of LET 1 and LET 2	Year	1.0



LEADERSHIP EDUCATION AND TRAINING (LET) 1, THE EMERGING LEADER CREDIT: 1.0 GRADE: 9-12 PREREQUISITE: NONE

This course covers a variety of topics that serve as the foundation for the JROTC curriculum. These include: JROTC purpose, discipline, tradition, drill and ceremony, and customs and courtesy. Students learn interpersonal growth strategies, team building, conflict resolution, goal setting, stress management, and personal/self-care. Lastly, students learn the concepts of Service Learning to make an impact in their community.

LEADERSHIP EDUCATION AND TRAINING 2, THE DEVELOPING LEADER CREDIT: 1.0 GRADES: 10-12

PREREQUISITE: COMPLETION OF LET 1

This course builds upon skills from LET 1, providing cadets with new and more challenging opportunities to develop as leaders. Students learn how to analyze leadership attributes, examine their own competencies, and communicate with peers through writing, speaking, and listening. Students discuss ethics, decision making, health and fitness, and universal first aid responses to common and severe emergencies. Students continue their service learning and learn the purpose of government and the role of the U.S. Constitution in protecting democracy and citizen's rights.

Leadership Education and Training 3, The Supervising Leader CREDIT: 1.0 GRADES: 11, 12

PREREQUISITE: COMPLETION OF LET 1 AND LET 2

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This course builds on the skills from LETs 1 and 2 by providing students with new, more challenging opportunities to lead through overseeing planning, project implementation, and team observation/management. Cadets at this level can serve staff positions and responsibilities. This course focuses on personal planning, management, opportunities after high school (college, military, workplace), and career planning. Students also learn advanced decision making to neutralize prejudice in relationships and how to successfully negotiate an agreement. Students will discuss the effects of substance abuse on personal health and explore response strategies for substance abuse situations. Lastly, students lead service-learning projects and take a deeper look at the role of the citizen in supporting their community and society.

LEADERSHIP EDUCATION AND TRAINING 4, THE MANAGING LEADER CREDIT: 1.0 GRADES: 11, 12 PREREQUISITE: COMPLETION OF LET 1 AND LET 2

This course provides cadets multiple opportunities to manage and lead in the battalion, the school, and their communities. It evaluates the leader's role in continuous improvement and discusses how team attitudes contribute to personal and group goal achievement. Cadets in this course serve as mentors to younger cadets. Students identify personal accountability strategies and develop a 10-year plan for personal and professional growth beyond high school. Students in this course learn communication models and feedback strategies to motivate and encourage others. The course also examines how competing principles and values challenge the fundamental principles of society through moral/ethical dilemmas and challenges students to develop solutions for future challenges to human rights.

-CAREER AND TECHNICAL PATHWAYS-COURSE OFFERINGS



On each table of courses, click on Cruiser at the top to take you to the course descriptions. You can then click on Cruiser at the top of the course descriptions pages to return to the course tables.

PATHWAY EXPLORATION COURSES

Students may take Pathway exploration courses in the 9th and/or 10th grade as a semester long, exploratory course prior to choosing a pathway. The exploration courses do not count as part of the pathway course requirements.

ELECTIVE COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Intro to Exercise and Athletic Training (Sports, Exercise and Health Sciences Exploration)	9,10	None	Semester	0.5
Intro to Health Science and Technology (Sports, Exercise and Health Sciences Exploration)	9,10	None	Semester	0.5
Intro to Business Foundations (Finance Exploration)	9,10	None	Semester	0.5
Intro to Marketing Fundamentals (Finance & Marketing Exploration)	9,10	None	Semester	0.5
Intro to Finance (Finance Exploration)	9,10	None	Semester	0.5
Intro to Informational Technology (Information Technology Exploration)	9,10	None	Semester	0.5
Intro to Construction Technology - (Construction Technology Exploration)	9,10	None	Semester	0.5

REMINDER: Click on Cruiser to return to the course tables.

CAREER & TECHNICAL PATHWAYS ELECTIVE COURSES

INTRODUCTION TO EXERCISE AND ATHLETIC TRAINING CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the Sports Medicine career field. It is designed to introduce students to the basic principles in safety, Anatomy & Physiology, Medical Examination, Athletic Injuries, as well as Principles of Nutrition. Students will also obtain communication and employability skills.

INTRODUCTION TO HEALTH SCIENCE AND TECHNOLOGY CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the Healthcare Technology career field. It is designed to introduce students to the basic principles in safety, Digital Imaging such as MRI, and X-Ray, Medical Examination, Medicine Dosage and Discovery, as well as Principles of Nutrition. Students will also obtain communication and employability skills.

INTRODUCTION TO BUSINESS FOUNDATIONS CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the business and administrative career field as well as the Finance career field. It is designed to introduce students to specializations within three career fields; Administrative Services, Finance, and Marketing. Students will obtain knowledge and skills in fundamental business activities while also acquiring knowledge of business processes, economics, and business relationships.

INTRODUCTION TO FINANCE CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the finance career field. It is designed to introduce students to the specializations offered in finance. Students will obtain fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, ethics, economics, international business and business relationships.



INTRO TO MARKETING FUNDAMENTALS CREDIT: 0.5 GRADES: 10 PREREQUISITE: NONE

This is an exploratory course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, and marketing research which includes demographics, geographics, and psychographics. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, and business ethics. Technology, leadership and communication will be incorporated in classroom activities.

INTRO TO INFORMATION TECHNOLOGY CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the IT career field. It is designed to provide students with an introduction to computer concepts and essential skills necessary for work and communication in today's society. Students will be introduced to basic concepts in safety, security, and ethical issues in computing, computer hardware, operating systems, programming, and networking.

INTRODUCTION TO CONSTRUCTION CREDIT: 0.5 GRADES: 9, 10 PREREQUISITE: NONE

This is an exploratory course in the construction career field. It is designed to introduce students to the basic principles in safety, construction math, hand tools, power tools, blueprint reading, and materials handling. Students will also obtain communication and employability skills.

REMINDER: Click on Cruiser to see course descriptions.

SPORTS, EXERCISE, AND HEALTH

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Exercise and Athletic Training	11	None	Semester 1 Block	1.0
Exercise Physiology and Biochemistry	11	Successful completion of Exercise and Athletic Training	Semester 2 Block	1.0
Athletic Injuries and Prevention	12	Successful completion of 11th grade pathway courses	Semester 1 Block	1.0
Fitness Evaluation and Assessment	12	Successful completion of 11th grade pathway courses	Semester 2 Block	1.0
Nutrition and Wellness	11, 12	Enrollment in the Health Science Pathway	Year	1.0
Health Science Capstone	12	Successful completion of 11th grade pathway courses	Year	1.0

Upon completion of the Health Sciences Pathway, students will have the possibility to earn the following certification(s):

- ACSM (American College of Sports Medicine)
- ACE Group Fitness (American Council on Exercise)



REMINDER: Click on Cruiser to return to the course tables.

SPORTS, EXERCISE, AND HEALTH SCIENCES PATHWAY COURSES

EXERCISE AND ATHLETIC TRAINING CREDIT: 1 GRADES: 11TH PREREQUISITE: NONE

In this first course, students will apply procedures and techniques used in athletic training and in the care and rehabilitation of athletic injuries and therapeutic exercise. Topics include injury prevention, conditioning, and wound care techniques of the musculoskeletal system. Students will learn techniques in the analysis of mechanical factors related to human movement. In addition, current trends, technology, legal considerations, and the role of exercise science in relationship to other health fields will be emphasized. These students will take a WebXam Assessment at the end of the course.

EXERCISE PHYSIOLOGY AND BIOCHEMISTRY

CREDIT: 1

GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF EXERCISE AND ATHLETIC TRAINING

Students will learn to critically evaluate acute and chronic conditions associated with the human body's responses to exercise. Students will pre-screen individuals to identify the benefits and risks associated with physical activity. Students will coordinate exercise tests in order to measure body composition, cardiorespiratory fitness, muscular strength/endurance, and flexibility. Emphasis is placed on developing conditioning programs that address pre-assessment needs, enhance mobility, and build muscle strength. These students will take a WebXam Assessment at the end of the course.

ATHLETIC INJURIES AND PREVENTION

CREDIT: 1 GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION YEAR ONE COURSES

Students will identify signs and symptoms of injury and apply emergency procedures and techniques used in the immediate care of athletic-related trauma. Students will learn clinical and field evaluative processes, injury prevention techniques, conditioning techniques, treatment, taping, bracing, and rehabilitation of musculoskeletal injuries and conditions. Students will design and implement conditioning programs, including nutritional considerations and ergogenic aids. Emphasis is placed on the synthesis of information gathered through injury history, observation, and manual muscle testing. These students will take a WebXam Assessment at the end of the course.

FITNESS EVALUATION AND ASSESSMENT

CREDIT: 1 GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF FIRST THREE COURSES IN PATHWAY

Students will complete comprehensive fitness evaluations and develop individualized training programs. Students will administer lab and field tests of cardiovascular endurance, body composition, joint flexibility and muscular strength, power, and endurance. Emphasis is placed on assessing body composition, neuromuscular flexibility, agility, balance, coordination, and proprioception. Additionally, students will identify the components of physical fitness and communicate how physical activity impacts health and wellness. These students will take a WebXam Assessment at the end of the course.



NUTRITION AND WELLNESS CREDIT: 1 GRADES: 11, 12

PREREQUISITE: ENROLLMENT IN THE HEALTH SCIENCES PATHWAY

Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based upon the impact of personal choices and social, scientific, psychological and environmental influences. Further, students will calculate an individual's kilocalorie burn rate and recommend an ideal diet and physical fitness plan. These students will take a WebXam Assessment at the end of the course.

HEALTH SCIENCE CAPSTONE CREDIT: 1 GRADES: 12

PREREQUISITE: PERMISSION FROM INSTRUCTOR

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in sports, exercise and health science programs in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be accomplished through a variety of delivery methods including cooperative education or internship.

SPORTS, EXERCISE, AND HEALTH SCIENCES PATHWAY COLLEGE CREDIT PLUS (CCP)COURSES

PATHWAY CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
MULT-1110 (Medical Terminology)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	0.67
MLT-1100 (Basic Concepts in Healthcare)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	0.67

CSCC MULT-1110 (MEDICAL TERMINOLOGY) CREDIT: 0.67 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES (DO NOT HAVE TO BE ENROLLED IN PATHWAY, HOWEVER PATHWAYS STUDENTS GET PRIORITY IN SCHEDULING)

This introductory course provides an overview of medical language. Emphasis will be placed on terms that are practical and commonly found in the day-to-day work of all allied health professions. This concise course gives basic principles for understanding the language with an overview of terms from many areas of medicine.

CSCC MLT-1100 (BASIC CONCEPTS IN HEALTHCARE)

CREDIT: 0.67

GRADES: 9-12

PREREQUISITE: CSCC ADMISSION (DO NOT HAVE TO BE ENROLLED IN PATHWAY, HOWEVER PATHWAYS STUDENTS GET PRIORITY IN SCHEDULING)

This course provides a general introduction to health care in the U.S. General topics such as health care past and present, legal and ethical issues, diversity in health care, safety topics, and health industry systems will be covered. Professional attributes, skills, and qualities needed for success in a health care career are also discussed.

REMINDER: Click on Cruiser to see course descriptions.

CONSTRUCTION TECHNOLOGY PATHWAY COURSES

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Principles of Wood Construction	11	None	Year	1.0
Structural Systems	11	None	Year	1.0
Construction Technologies Core and Sustainable Construction	12	Successful completion of 11th grade pathway courses	Semester 1 Block	1.0
Structural Coverings and Finishes	12	Successful completion of 11th grade pathway courses	Semester 2 Block	1.0
Pre-Apprenticeship /Capstone	12	Successful completion of 11th grade pathway courses	Year	1.0

Mission: The Construction Technology Pathway prepares students for careers in designing, planning, managing, building, and maintaining commercial, industrial, and residential structures and infrastructures. Students in the Construction Technology Pathway may continue into registered apprenticeship or traditional postsecondary programs. Apprenticeship opportunities may be found at the Ohio State Apprenticeship Council website <u>http://jfs.ohio.gov/apprenticeship/index.stml</u>

Upon completion of the Construction Technology Pathway, students will have the possibility to earn the following certification(s):

- CITF Level 1, 2, 3 (Carpenters International Training Fund)
- OSHA 30
- Acceptance in Apprenticeship School
- 12 pt Industry Credentials



PRINCIPLES OF WOOD CONSTRUCTION CREDIT: 1.0 GRADES: 11 PREREQUISITE: NONE

Students will engage in the introductory skills utilized in working with various wood construction materials. They will learn to use basic measuring tools, hand tools and machines, common to the wood industry, to construct basic projects. Additionally, students will examine various wood construction materials and their properties. Throughout the course, students will learn components of site and personal safety. These students will take a WebXam Assessment at the end of the course.

STRUCTURAL SYSTEMS CREDIT: 1.0 GRADES: 11 PREREQUISITE: NONE

Students will learn procedures and techniques required for layout and framing of walls and ceilings, including roughing-in door and window openings, constructing corners and partitions; bracing walls and ceilings; and applying sheathing. Students will learn methods of roof, cold formed steel, and wood stair framing. Students will learn site and personal safety, material properties, design procedures, and code requirements for structural systems. These students will take a WebXam Assessment at the end of the course.

CONSTRUCTION TECHNOLOGY – CORE AND SUSTAINABLE CONSTRUCTION CREDIT: 1.0

GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF 11TH GRADE PATHWAY COURSES

Students will learn principles in basic safety (30-hr OSHA), construction math, hand and power tool are and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices. These students will take a WebXam Assessment at the end of the course.

STRUCTURAL COVERINGS AND FINISHES

CREDIT: 1.0

GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF 11TH GRADE PATHWAY COURSES

This course will address applications of interior and exterior finish work. Students will identify material properties and select for appropriate application. Students will install thermal and moisture protection including roofing, siding, fascia and soffits, gutters, and louvers. Students will install drywall; trim-joinery and molding and apply wall, floor and ceiling coverings and finishes. Throughout the course, the safe handling of materials, personal safety, prevention of accidents and the mitigation of hazards are emphasized. These students will take a WebXam Assessment at the end of the course.

CONSTRUCTION PRE-APPRENTICESHIP/CAPSTONE

CREDIT: 1

GRADES: 12

PREREQUISITE: COMPLETION OF 11TH GRADE PATHWAY CLASSES

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Construction programs in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.



REMINDER: Click on Cruiser to see course descriptions.

FINANCE PATHWAY COURSES

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Finance Foundations	11	All core classes in HS Pathway and Placement by the instructor	Semester 1 Block	1.0
Professional and Technical Sales	11	All core classes in HS Pathway and Placement by the instructor	Semester 2 Block	1.0
Financial Accounting	12	Successful completion of 11th grade pathway courses	Semester 1 Block	1.0
Strategic Entrepreneurship	12	Successful completion of 11th grade pathway courses	Semester 2 Block	1.0
Finance Capstone	12	Successful completion of 11th grade pathway courses	Year	1.0

Mission: The Finance Pathway program will prepare students for technical and professional-level careers in accounting, financial and investment planning, banking, insurance, real estate and business financial management.

Upon completion of the Business Technology Pathway, students will have the possibility to earn the following certification(s):-[

• 77-725: MOS: Microsoft Office Word 2019: Core Document Creation, Collaboration and Communication

- 77-727: MOS: Microsoft Office Excel 2019: Core Data Analysis, Manipulation, and Presentation
- 77-729: MOS: Microsoft Office PowerPoint 2019: Core Presentation Design and Delivery Skills





FINANCE FOUNDATIONS CREDIT: 1.0 GRADES: 11 PREREQUISITE: NONE

This is the first course specific to Finance. It introduces students to the specializations offered in the career field. Students will obtain fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, business law and ethics, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership and communications will be incorporated in the classroom. These students will take a WebXam Assessment at the end of the course.

Professional and Technical Sales CREDIT: 1 GRADES: 11 PREREOUISITE: None

In this course, students will demonstrate sales processes and techniques used in a business-to-business environment. They will develop, grow, and maintain positive business relationships. Students will monitor trends and the business environment to determine the impact on their sales, customers, and competitors. They will negotiate and adjust prices and sales terms. Students will manage sales activities and territories. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

FINANCIAL ACCOUNTING CREDIT: 1.0 GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF 11TH GRADE PATHWAY COURSES

Students will track, record, summarize, and report a business's financial transactions. They will develop financial documents, project future income and expenses, and evaluate the accuracy of a business's financial information. Students will also apply tools, strategies, and systems to evaluate a company's financial performance and monitor the use of financial resources. Technology, employability skills, leadership and communications will be incorporated in classroom activities. These students will take a WebXam Assessment at the end of the course.

STRATEGIC ENTREPRENEURSHIP

CREDIT: 1.0 GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF 11TH GRADE PATHWAY COURSES

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, breakeven, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized. These students will take a WebXam Assessment at the end of the course.

FINANCE CAPSTONE

CREDIT: 1.0 GRADES: 12

PREREQUISITE: SUCCESSFUL COMPLETION OF 11TH GRADE PATHWAY COURSES

Students will apply knowledge, attitudes and skills that were learned in a Finance program in a more comprehensive and authentic way. Capstones often include project-/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.



FINANCE PATHWAY

PATHWAY CCP COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
BMGT-1008 (21ST CENTURY SKILLS)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	0.67

CSCC BMGT-1008 (21ST CENTURY SKILLS)

CREDIT: 0.67

GRADES: 9-12

PREREQUISITE: CSCC ADMISSION (DO NOT HAVE TO BE ENROLLED IN PATHWAY, HOWEVER PATHWAYS STUDENTS GET PRIORITY IN SCHEDULING)

Students learn contemporary skills needed to effectively compete in a rapidly changing global workplace environment. A survey of interpersonal communication, conflict resolution, teamwork, problem solving, ethics, professional development, and leadership is included. Enrollment is limited to students who are also enrolled in a participating workforce development or a career-specific cohort. This course is offered through CSCC and is worth two college credit hours and two thirds of a high school credit.

INFORMATION TECHNOLOGY PATHWAY COURSES

THE COURSES IN THIS PATHWAY ARE SUBJECT TO CHANGE. ALL COURSES IN THIS PATHWAY WILL NOT BE OFFERED.

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
Web Design	10, 11, 12	None	Semester Block	1.0
Information Technology	10, 11, 12	All core classes in HS Pathway and Placement by the instructor	Semester Block	1.0
Personal Computers	10, 11, 12	All core classes in HS Pathway and Placement by the instructor	Semester Block	1.0
Programming	10, 11, 12	Successful completion of Information Technology	Semester Block	1.0
Network Security	10, 11, 12	Successful completion of Information Technology	Semester Block	1.0
Information Technology Capstone	11, 12	Successful completion of Information Technology	Year	1.0

Mission: Information Support and Services Program will prepare students for careers dealing with information technology (i.e., operations, support, and deployment/integration). Students will gain the necessary technical and academic skills to implement computer systems and software, provide technical assistance, and manage information systems. Careers for which this pathway prepares students include: Application Support Specialist, Computer Support Specialist, Help Desk Technician, and Product Support Engineer. Postsecondary majors for which this pathway prepares students include: Computer Sciences and Support Specialist, Services, Computer Science, Computer Software and Media Applications, and Information Services.

Upon completion of the Information Technology Pathway, students will have the possibility to earn the following certification(s):

- COMPTIA (Computing Technology Industry Association)
- Security + (Assists in becoming certified IT Security)
- A+ (Demonstrates proficiency w/ computer hardware and operating systems)
- Network+ (Allows work as a network technician in multiple platforms)
- Ohio's Technology Seal



WEB DESIGN CREDIT: 1.0 GRADE: 10-12 PREREQUISITE: NONE

INFORMATION TECHNOLOGY PATHWAY COURSES

Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.

INFORMATION TECHNOLOGY CREDIT: 1.0 GRADE: 10-12 PREREQUISITE: NONE

This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students also will learn about input/output systems, computer hardware and operating systems, and office applications. These students will take a WebXam Assessment at the end of the course.

PERSONAL COMPUTERS CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: NONE

Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized. These students will take a WebXam Assessment at the end of the course.

PROGRAMMING CREDIT: 1.0 GRADES: 10-12 PREREQUISITE: SUCCESSFUL COMPLETION OF INFORMATION TECHNOLOGY

In this course, students will learn the basics of building simple interactive applications. Students will learn the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios. Students will gain experience in using commercial and open source languages, programs, and applications. These students will take a WebXam Assessment at the end of the course.

NETWORK SECURITY CREDIT: 1.0

GRADES: 10-12

PREREQUISITE: SUCCESSFUL COMPLETION OF INFORMATION TECHNOLOGY

This course will address securing networks and operating systems. Students will learn to secure network communications, computer hardware, and network software. Topics included are network security theory, cryptography, security architecture, firewalls, VPNs, IP Security, and methods of protection. These students will take a WebXam Assessment.

INFORMATION TECHNOLOGY CAPSTONE

CREDIT: 1.0 GRADES: 11-12

PREREQUISITE: SUCCESSFUL COMPLETION OF INFORMATION TECHNOLOGY

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in their information technology program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.



NFORMATION TECHNOLOGY PATHWAY COLLEGE CREDIT PLUS (CCP) COURSES

THE COURSES IN THIS PATHWAY ARE SUBJECT TO CHANGE. ALL COURSES IN THIS PATHWAY WILL NOT BE OFFERED.

PATHWAY COURSES	GRADES	PREREQUISITE	LENGTH	CREDIT
CSCI-1101 (Computer Concepts and Apps) *non-pathway IT course	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
CSCI-1102 (Intermediate Excel and Access) *non-pathway IT course	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
CSCI-1003 (Intro to Programming Logic)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
ITST-1101 (IT Fundamentals +)	9, 10, 11, 12	CCP application, admission to Columbus State Community College, and the necessary placement test scores	Semester	1.0
IT-1050 (Fundamentals of Information Technology)	9, 10, 11, 12	CCP application, admission to University of Cincinnati, and the necessary placement test scores	Semester	1.0



CSCI-1101 (COMPUTER CONCEPTS AND APPS) *non-pathway IT course CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

This course is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Topics include, social networking, computer security, safety, ethics, privacy, operating systems and utility programs, communications and networks, input, output, system units, storage, word processing, spreadsheets, databases and presentation software. *You do not need to be in the Information Technology Pathway to take this course*.

CSCI-1102 (INTERMEDIATE EXCEL AND ACCESS) *non-pathway IT course CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE

NECESSARY PLACEMENT TEST SCORES

This course is a continuation of CSCI 1101, incorporating Intermediate concepts and techniques used in spreadsheets and database software. Examples: financial functions, data tables, amortization schedules, working with multiple worksheets, macros, database queries, reports, switchboards, pivot tables and charts, and using SQL. Project management and HTML concepts will be introduced. Students will learn how to use these tools for analysis and decision making. **You do not need to be in the Information Technology Pathway to take this course*.

CSCI-1103 (INTRO TO PROGRAMMING LOGIC) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP APPLICATION, ADMISSION TO COLUMBUS STATE COMMUNITY COLLEGE, AND THE NECESSARY PLACEMENT TEST SCORES

This course introduces basic concepts in programming logic, including sequences, selections, and loops. Students are introduced to programming via an interactive visual programming application. Having mastered fundamental programming paradigms, students will learn the basics of the Python programming language.

ITST-1101 (IT Fundamentals +) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP application, admission to Columbus State Community College, and the necessary placement test scores

This is an introductory IT Course that covers all areas of IT foundations, creating a broader understanding of IT. Topics covered: IT Concepts and Terminology, Infrastructure and Networks, Applications and Software, Database Fundamentals and Security. This course aligns with the CompTIA ITF+ Certification.

IT-1050 (Fundamentals of Information Technology) CREDIT: 1.0 GRADES: 9-12 PREREQUISITE: CCP application, admission to University of Cincinnati, and the necessary placement test scores

This course is an introduction to the field of Information Technology including technology concepts, terminology, hardware components and software applications. Students will be introduced to and asked to apply basic skills in the core areas of information technology such as programming, database management, networking, systems administration, and web development and the basic research, problem solving and decision making skills required to be successful in this field. The course emphasizes the role of technical communication, project management, languages, tools, models and application architectures within the IT development process.



www.EastlandFairfield.com

Eastland Career Center Programs

Agriculture and Heavy Equipment

Diagnose, repair, operate, and maintain a variety of equipment and vehicles. Safely handle tools, understand technical manuals and schematics, and learn how to use electronic and computerized diagnostic equipment. Career pathways: Field Service Technician, Fleet Mechanic, Service/Parts Manager For more information, go to: www.EastlandFairfield.com/ahe

Auto Body and Paint

Explore the details of collision repair, including: surface prep. dent repair, welding, and cutting. Learn the art of fabrication of restored vehicles including custom painting and air brushing. Career pathways: Refinishing Technician, Collision/Repair Manager, Restoration For more information, go to: www.EastlandFairfield.com/autobody

Automotive

Turn your hobby under the hood into a career in our Automotive program. Learn all about cars - the engines, electrical, automotive HVAC, brakes, performance, suspension, and steering, Career pathways: Auto Technician, Service Advisor, Garage Manager/Owner, Sales For more information, go to: www.EastiandFoirfield.com/automotive

Aviation

Learn the principles of flight, aviation, air traffic control systems, ground maintenance, and FAA rules and regulations. Engage with drones and flight simulators to earn industry credentials.

Career pathways: Pilot, Air Traffic Control, Drone Operator, Airport Management For more information, go to: www.EastlandFairfield.com/aviation

Cosmetology *

Earn hands-on experience caring for hair, skin, and nails; including shampooing, conditioning, shaping, styling, perming, hair coloring, manicuring, and facials.

Career pathways: Cosmetologist, Esthetician, Salon Manager, Platform Artist For more information, go to: www.EastlandFairfield.com/cosmetology

Criminal Justice

Study patrol tactics, arrest techniques, search and seizure, and constitutional law. Learn investigative skills. life-saving procedures. and emergency communications to open up many career paths. Career pathways: Law Enforcement Officer, Federal Officer, Military, Forensics For more information, go to: www.EastlandFairfield.com/criminaljustice

Culinary Arts

Learn the basics of culinary terminology, appropriate food preparation techniques, and restaurant operations and management. Join one of only five programs in Ohio that has been accredited by the ACFEF. Career pathways: Executive Chef. Caterer. Manager. Pastry Chef. Sous Chef For more information, go to: www.EastlandFairfield.com/culinaryarts

Electrical

Learn and use electrical theory and equipment to apply toward installing and wiring entrance panels, circuits, solar systems, fire alarm systems, and controls.

Career pathways: Electrician, Alarm/Low Voltage Installers, Electrical Engineer For more information, go to: www.EastlandFairfield.com/electrical

Firefighting % (one-year, senior only)

Be instructed by experienced house chiefs and firefighters on the latest techniques and procedures that cover day-to-day duties and emergency situations to serve the public.

Career pathways: Firefighter, Fire Inspector or Investigator, EMT/Paramedic For more information, go to: www.EastlandFairfield.com/firefighting

Graphic Design

TECHNICAL SCHOOLS

Train in a variety of fine art techniques and computer software such as Adobe Photoshop, Adobe Illustrator, and Adobe InDesign, to develop desktop publishing, digital illustration, and HTML/web design skills. Career pathways: 3D Animator, Illustrator, Graphic/Web Designer For more information, go to: www.EastlandFairfield.com/graphicdesign

Interactive Media

Create video and audio productions using editing, special effects, animated motion graphics, soundtracks, and sound effects. Learn to write scripts, create storyboards, and operate professional AV equipment. Career pathways: Animator, Photographer, Sound Engineer, Film/Video Editor For more information, go to: www.EastlandFairfield.com/interactivemedia

Medical Office

Train in medical office procedures and software, medical records, reports, terminology, and transcription. Take part in field trips, job shadowing, and internships in various healthcare and business settings. Career pathways: Healthcare Administrator, Office Manager, Lab Technician For more information, go to: www.EastlandFairfield.com/medicaloffice

Nail Services * Ione-year. senior only

Express your creativity while learning the techniques needed for perform high-quality manicures, pedicures and other beauty services in safe and sanitary manner to serve your customers' needs. Career pathways: Manicurist, Pedicurist, Nail Technician, Salon Manager/Owner For more information, go to: www.EastlandFairfield.com/nailservices

Pre-Dental %

Learn proper chair-side procedures and techniques, X-ray exposure. processing and mounting, office management technology, sterilization techniques, and mixing restorative and impression materials. Career pathways: Dental Assistant, Orthodontic Assistant, Dentist, Lab Technician For more information, go to: www.EastlandFairfield.com/predental

Pre-Engineering

Learn about automation, manufacturing processes, blueprinting, computer modeling, computer numerical control (CNC) programming, and manufacturing equipment, such as mills and lathes. Career pathways: CNC Machinist. Fabricator. Industrial/Mechanical Engineer For more information, go to: www.EastlandFairfield.com/preengineering

Programming and Software Development

Study database design and management, software development, application/operating systems programming, and web programming. Apply your skills with hands-on projects and experiences. Career pathways: App Developer, System Analyst/Manager, VR/Game Developer For more information, go to: www.EastlandFairfield.com/programming

Robotics & Automation

Study the application of robotics, control systems, electro-mechanical systems, and similar engineering to troubleshoot problems. Create smart. innovative robotic machines that contribute to a variety of industries. Career pathways: CNC Operator/Programmer, Robotics/Control System Engineer For more information, go to: www.EastlandFairfield.com/rabotics

Welding

Create the bonds that fuse worlds and metals together. Learn to design, build, and repair projects using different techniques that span many styles of welding.

Career pathways: Welder, Business Owner, Laser Technician, Fitter, Metal Artist For more information, go to: www.EastlandFairfield.com/welding

% indicates additional requirements are required as part of the application process for this program. Please visit our website for details.

Fairfield Career Center Programs

Animal Management

Help animals and the people who love them! The Animal Management program will train you in the skills necessary to be a vet assistant working side-by-side with a professional veterinary team, or a related field. Career pathways: Veterinarian, Vet Assistant, Zoologist, Animal Trainer For more information, go to: www.EastlandFairfield.com/animalmanagement

Automotive

Turn your hobby under the hood into a career in our Auto Technology program. Learn all about cars - the engines, electrical, HVAC, brakes, performance, suspensions and steering.

Career pathways: Auto Technician, Service Advisor, Car/Part Sales For more information, go to: www.EastlandFairfield.com/automotive

Construction

Learn all aspects of constructing buildings, from site layout to exterior finishing. You will install drywall, perform masonry and carpentry, install roofing, siding, electric, and plumbing, and receive Bobcat training. Career pathways: Carpenter, Construction Manager, Inspector, Construction Crew For more information, go to: www.EastlandFairfield.com/construction

Cosmetology *

Earn hand-on experience caring for hair, skin, and nails; including shampooing, conditioning, shaping, styling, perming, hair coloring, manicuring, and performing facials.

Career pathways: Cosmetologist. Esthetician. Salon Manager. Platform Artist. For more information, go to: www.EastiandFairfield.com/cosmetology

Criminal Justice

Study patrol tactics, arrest techniques, search and seizure, and Constitutional law. Learn basic patrol tactics, investigative skills and life-saving procedures, while opening up many career paths. Career pathways: Corrections Officer, Federal Officer, Military, Forensics For more information, go to: www.EastlandFairfield.com/criminaljustice

HVAC

Gain skills in heating, cooling, ventilation, refrigeration, and customer service while working toward EPA universal certification on residential and light commercial applications.

Career pathways: Residential/Commercial Cooling, Design/Repair, Green Energy Apps For more information, go to: www.EastlandFairfield.com/hvac

Pharmacy %

Be introduced to the basics of pharmacy practice. Learn medical terminology, pharmacy, law, medicinal packaging and labeling, out-patient/hospital. dispensing procedures, preparation and dispensing procedures. Career pathways: Pharmacist, Pharmacy Technician, Physician, Nurse's Aide For more information, go to: www.EastlandFairfield.com/pharmacy

Powerline coming Fall 2025

Master safety protocols and team leadership while learning about alternative power systems, equipment operation, pole climbing, and systems maintenance Career pathways: Power lineman, electrical technician, utility inspector/worker For more information, go to: www.EastlandFairfield.com/powerline

Pre-Dental *

Learn proper chairside procedures and techniques. X-ray exposure. processing and mounting, office management technology, sterilization techniques, and mixing of restorative and impression materials. Career pathways: Dental Assistant, Orthodontic Assistant, Dentist, Lab Technician For more information, go to: www.EastiondFoirfield.com/predental

Pre-Nursing [%]

Gain an overview of the healthcare field as you study body mechanics, infection control and bloodborne pathogens, therapeutic nutrition, wellness and disease process, phlebotomy, and advanced nursing skills. Career pathways: Nursing Assistant, LPN, RN, Nurse Practicioner, Medical Doctor For more information, go to: www.EastlandFairfield.com/prenursing

STAR (Student Transition to Adult Readiness)

Students will begin their day at FCC for their academics before transitioning to their job placement site in Fairfield County where they will perform related tasks, problem solve, and enhance their employability skills. For more information, go to: www.EastiandFoirfield.com/star

Welding (one year, seniar only) coming Fall 2025

Create the bonds that fuse worlds and metals together. Learn to design, build, and repair using different techniques that span many styles of welding. Career pathways: Welder, Business Owner, Laser Technician, Fitter, Metal Artist For more information, go to: www.EastlandFairfield.com/welding

Satellite Programs

Architecture & Construction Management (Gahanna-Lincoln High School)

Design the buildings and homes of the future! This custom-built program is for students who can visualize a project, work through mathematical problems, and communicate ideas to an audience. Career pathways: Architect, Construction Manager, Civil Engineer, Interior Designer For more information, go to: www.EastlandFairfield.com/acm

Bioscience (Gahanna-Lincoln High School)

Explore a variety of fields including agriculture, medicine, forensics, genetics, food science, research and lab data reporting, and more. Career pathways: Bio-engineer. Environmental Engineer. Microbiologist. Medical Research, Veterinary Science, Pharmacy, Molecular Biologist For more information, go to: www.EastlandFairfield.com/bioscience

Cyber Security (New Albany High School)

Learn how to design and build computer networks, and enhance their security skills to explore and prepare for one of the fastest-growing career fields. Protect critical network data through a stair-stepped approach. Career pathways: Security Engineer. Analyst or Consultant, Network Administrator For more information, go to: www.EastlandFairfield.com/cybersecurity

Employability Prep % * (Franklin County sites and Fairfield CC)

This supported, on-site training program prepares students with learning differences (ages 16-21) through opportunities for placement into a community job site to develop good decision-making and problem-solving skills. Career pathways: Community/Convention Services, Food Service, Shipping/Receiving For more information, go to: www.EastlandFairfield.com/employabilityprep

Marketing and Logistics Management (Groveport Madison High School)

Put theory into practice to operate your own school spirit store. Write a marketing plan, decide which products will be offered, and play an integral role in the start-up and day-to-day operation of this entrepreneurial venture. Career pathways: Logistics Manager. PR/Communications Specialist. Business Owner For more information, go to: www.EastlandFoirfield.com/marketing

Multimedia (Pickerington North High School)

Students are introduced to web design, digital media design, digital photography, video/film production, information technology basics, and core business concepts.

Career pathways: Graphic/Web Designer, Video Editor, UX/UI Designer, Producer For more information, go to: www.EastlandFairfield.com/multimedia

Project SEARCH % ^ (Fairfield Medical Center)

Project SEARCH serves as a workforce alternative for students with learning differences in their last year of high school. Learn employability skills through supervised internships and progress meetings. For more information, go to: www.EastlandFairfield.com/projectsearch

Sports Medicine (New Albany and Gahanna Lincoln High Schools)

Combine classroom knowledge, hands-on practice, and the latest rehabilitation and training technology to best learn how the human body reacts to diet and physical exertion.

Career pathways: Athletic Trainer. Physical Therapist, Dietician/Sports Nutritionist For more information, go to: www.EastlandFoirfield.com/sportsmedicine

Teaching Preparation (Teays Valley, Hamilton Twp. & Gahanna Lincoln High Schoold

Take the first steps to your career in education in this one-year, senior-only program where students will prepare for a variety of classroom environments and complete the program as a certified Paraprofessional. Career pathways: Paraprofessional, Teacher/Professor, Counselor, Administrator For more information, go to: www.EastlandFairfield.com/teachingprep

Teaching Professions (Gahanna Lincoln High School)

Prepare for your career as an educator by developing skills in designing learning environments, lesson plans, and classroom management then put it into practice through shadowing experiences and internships. Career pathways: Teacher/Professor, Counselor, Speech Pathologist, Administrator For more information, go to: www.EastlandFairfield.com/teaching

Check out all of our programs on our website! www.EastlandFairfield.com/programs



TRACKING YOUR PROGRESS

Minimum Requirements - Students who meet the minimum requirements will earn a diploma signifying that they met the criteria for graduation from high school as defined by the State of Ohio.

Level Up - The Level Up requirements are designed to ensure that students are prepared to enter college or the workforce beyond high school.

GRADE	CREDIT ATTAINMENT	COMPETENCY AND READINESS
9ТН	 ELA 9 Algebra I World History/Civics Physical Science Elective Minimum - On track = 5 Credits Level Up - Foreign Language, Fine Arts, Honors Courses, College Credit Plus	On track by the end of 9th grade: • Passing score on Algebra I EOC • Graduation plan includes Seal selection
10TH	All of 9th grade requirements met AND • ELA 10 • Geometry • US History • Biology • Health/Phys Ed Minimum - On track = 10 credits (total) Level Up - Foreign Language, Fine Arts, Honors Courses, College Credit Plus	On track by the end of 10th grade: • Met 9th grade requirements AND • Passing score on English II EOC
11TH	All of 10th grade requirements met AND • 11th ELA • Algebra II/Trig • Advanced Science Requirement • American Government • Financial Literacy • Electives Minimum - On track = 15 Credits Level Up - Foreign Language, Fine Arts, Career Pathway, Advanced Placement and/or College Credit Plus courses	On track by the end of 11th grade. • Met 9th and 10th grade requirements AND • In progress to earning Graduation Seals • Met Competency through OST or Options in progress
12TH	 All of 11th grade requirements met AND 12th ELA Precalculus or another Math course Electives Minimum - On track = 20 credits Level Up - Foreign Language, Fine Arts, Complete Career Pathway, Advanced Placement and/or College Credit Plus Courses, Additional Science and/or Social Studies course. 	 Met 9th, 10th and 11th grade requirements AND Competency Requirements AND Earned at least 2 Graduation Seals

GRADUATION PLANNING

CREDIT ATTAINMENT

English Language Arts: 4 Credits Mathematics: 4 Credits Science: 3 Credits Social Studies: 3 Credits Health: 0.5 Credit Physical Education: 0.5 Credit Financial Literacy: 0.5 Credit Electives: 4.5 Credits

COMPETENCY

Earn a competency score of 684 on the Algebra 1 and English II state tests.

OR

Retake the test you have not earned a competency score of 684 AND one of the following options to the right. OPTION 1 - Demonstrate two Career-Focused Activities (one must be Foundational)

Foundational

- Proficient scores on WebXams (3 or more)
- A 12-point industry credential
- A pre-apprenticeship or acceptance into an approved apprenticeship program.

Supporting

- Work-based learning (250 hours)
- Earn the workforce readiness score on WorkKeys
- Earn the OhioMeansJobs Readiness Seal

OPTION 2 - Enlist in the Military (signed contract) OPTION 3 - Complete College Coursework

 Earn credit for one college-level mand and/or college-level English course through the College Credit Plus Program

READINESS

Ohio Designed:

- OhioMeansJobs Readiness Seal
- Industry-Recognized
 Credential Seal
- College-Ready Seal
- Military Enlistment Seal
- Citizenship Seal
- Science Seal
- Honors Diploma Seal
- Seal of Biliteracy
- Technology Seal

Groveport Madison Designed:

- Community Service Seal
- Fine & Performing Arts Seal
- Student Engagement Seal

Please see your school counselor if you have questions about tracking your progress or your graduation plan.

Earn two Diploma Seals. At least one must be Ohio-designed.



GMHS COURSE PLANNING SHEET

