

GROVEPORT MADISON
HIGH SCHOOL

Program of Studies
2019-2020



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Groveport Madison School District Mission Statement

The mission of Groveport Madison Schools is to build a community of learners, leaders and responsible citizens.

Groveport Madison Local School District Contacts

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Groveport Madison High School

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November 10, 2018

Dear Students and Parents:

The Groveport Madison High School Program of Studies course booklet is designed to provide an overview of the courses available for the 2019-2020 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 year is essential. Final offerings are based upon the number of students registered per class. Therefore, it is critical to make careful registration decisions. Be sure to have alternative course selections ready in case class registration totals do not permit a course to be offered.

As presented to the Board of Education, Groveport Madison High School is moving toward a program of studies designed to better prepare students to be college and career ready upon graduation. The 2019-2020 academic year provides high school students with courses covering the seven pathways; Traditional, Honors, Health Sciences, Construction Technology, Informational Technology, Interactive Media, and Career & Technology Education.

This year's freshman class will receive information regarding the registration process early in 2019. Every student should identify a career interest and pathway when filling out their course request form. Students will select from seven 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,

A handwritten signature in black ink, appearing to read 'Jsmyl' with a stylized flourish underneath.

Jaivir Singh, PhD
Principal

NOTICES

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 in the interest of developing 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, directory information for students in the 12th grade shall only be released to any of the branches of the U.S. Armed Forces 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. Directory information shall not be released if the parent or guardian submits a written request. Also, parents/guardians of any student who do not want any personally identifiable information (including portions of directory information) about their child to be used in any public relations materials generated by the school District 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 Department of Student Services or the principal of the child's school for more information about the District's policy regarding the confidentiality of the student's record.

Nondiscrimination Policies/Equal Education Opportunities

Section 504-The 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 the 1974, Public Law 93-516. Inquiries regarding this policy may be directed 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).

Planning and 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 important to select courses to fit the student's career plans. Families are encouraged to assist the 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.
- Select courses that ensure the student will meet all requirements for graduation; graduation requirements vary from class to class contingent on Ohio Department of Education regulations.
- Read the course descriptions carefully written by classroom teachers before you make your course selections.
- A Course Planning Sheet has been 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 Schedule Change Request Form prior to their first day of the class. Schedule change requests will only be considered for the following reasons:
 1. A technical error was made in the process of scheduling the student's requests.
 2. The student has been academically misplaced.
 3. There is a scheduling conflict.
 4. Changes are necessary to meet graduation requirements.

Course Withdrawals

- Without Penalty - Students may drop a course without penalty until the end of the 10th day of the school year for yearlong courses and until the end of the 5th day for semester courses.
- Withdrawal/Fail - a student who chooses to drop a class after ten (10) school days for a yearlong course, or after five (5) school days for a semester course may receive a withdrawal failing (W/F) grade, which affects GPA and eligibility.
- Withdrawal/Fail grades are included on student transcripts as part of the student's permanent academic record.

Course Additions

- Requests for course additions should be made within the first five (5) days after the beginning of the class.
- Requests for course additions made after the first day of the class will be evaluated on a case-by-case basis.
- Course availability may be limited.

Course Level Transfer Requests

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

- Discuss this choice with the course instructor, the school counselor and the student's parents.
- The parties should work together to evaluate the appropriate academic placement of the student.
- School counselors will make the schedule changes pending the outcome of the first two statements.

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

Grade Point Scale

Grade	Percentage	4.0 Scale	AP 5.0 Scale	Grade	Percentage	4.0 Scale	AP 5.0 Scale
A	100-93	4.0	5.0	C	76-73	2.0	3.0
A-	92-90	3.7	4.7	C-	72-70	1.7	2.7
B+	89-87	3.3	4.3	D+	69-67	1.3	2.3
B	86-83	3.0	4.0	D	66-63	1.0	2.0
B-	82-80	2.7	3.7	D-	62-60	0.7	1.7
C+	79-77	2.3	3.3	F	59-0	0.0	0.0

Incomplete Grades

With permission of an administrator, and a completed "Grade Attainment Plan", 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 an excused absence.

- *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.
- Any work not completed during this time frame will be given a zero.
- After four weeks the teacher will submit a grade change form to change the Incomplete to the appropriate letter grade.

Late Arrival/Early Dismissal Procedures

Students can arrange their schedule to accommodate a late arrival or early dismissal by completing the following steps:

- Students who are on course for graduation, meaning they have received a remediation free score on the ACT or have achieved the appropriate number of End of Course Testing points -15 for juniors; 18 for seniors – may be eligible to apply for Late Arrival and/or Early Dismissal.
- 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 the student and his or her family are taking responsibility for the student's transportation to and/or from school daily.
- Submit the form with a copy of 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.
- AP Courses: The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

Disclaimer for Program of Studies and Courses within this document

It is recommended the Board of Education approve the following high school courses and additions for the 2019-2020 school year. Final decisions as to whether these courses will be available to students will depend upon the following factors:

1. Sufficient number of students register for the course
2. Sufficient number of students are able to successfully schedule the course within the limitations of the master schedule
3. Available staffing to teach each course
4. Appropriate facilities available to offer the course
5. Appropriate funds available to offer the course
6. Superintendent approval

Graduation Requirements

Curriculum Requirements for Graduation

The following section outlines the minimum credit requirements for a GMHS diploma as prescribed by the State Department of Education and Groveport Madison Schools Board of Education. Please refer to Recommended Courses for College-Bound Students for additional course information. 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 these local requirements as established by the Groveport Madison Schools Board of Education:

Courses Required

Complete Ohio Course Requirements	State Minimum
English Language Arts	4 units
Health	½ unit
Mathematics*	4 units
Physical Education	½ unit
Science**	3 units
Social Studies***	3 units
Fine Arts	1 unit
Electives	4 units



End-of-Course Exams

All students take end-of-course exams:

- Algebra I and Geometry or Integrated Math I and II
- Biology, Physical Science
- American History, American Government
- English I and English II

Students studying Advanced Placement (AP), International Baccalaureate (IB) or taking dual enrollment courses in biology, American history or American government may take assessments aligned to those courses in lieu of end-of-course exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course state exams.

More information about how to earn points can be found at:
<http://education.ohio.gov/Topics/Ohio-Graduation-Requirements/Graduation-Requirements-2018-and-Beyond/18-Points-on-State-Tests>



Pathway

And meet one of the following three:

- Earn a cumulative passing score of 18 points on seven end-of-course exams. Students must earn four points in math, four points in English, and six points across science and social studies.
- Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.
- Earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The state of Ohio will pay one time for those taking the WorkKeys assessment.

*Ohio requires one of the math credits be Algebra II or its equivalent.

** Ohio requires the minimum science courses: One (1) Biological Science, one (1) Physical Science and one (1) higher-level science.

*** Requires ½ unit World History, ½ unit American History, ½ unit of American Government, ½ unit Financial Literacy.



Earning an Ohio High School Diploma

Class of 2020

As a student who entered grade 9 between July 1, 2016, and June 30, 2017, you have multiple pathways to earn a high school diploma so that you can move on to your next steps in education or a career.

- You must complete and earn a state minimum of 20 credits in specific subjects. Additionally, you must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may have more graduation requirements. Your school counselor has this information.
- You must demonstrate what you have learned. There are three pathways in Ohio law.
 - 1. Ohio's State Tests**

Earn 18 out of 35 points on seven end-of-course state tests. You can earn up to five points on each test. You need a minimum of four points in math, four points in English language arts and six points across science and social studies.
 - 2. Industry-recognized credential and score on workforce readiness test**

Earn an industry-recognized credential or a group of credentials totaling 12 points and earn the required score on the WorkKeys test. Ohio pays for you to take the test one time. Some districts offer the Senior Only program through which you can earn credentials in one school year.
 - 3. College and career readiness tests**

Earn remediation-free scores* in math and English language arts on the ACT or SAT. Your district chooses either the ACT or SAT. You will take a one-time statewide spring test in grade 11 for free.

*Ohio's university presidents set these scores, which are subject to change.
- If you do not meet any of the above three pathways, Ohio law provides you two additional options to earn a high school diploma. The reverse side of this fact sheet explains them.

Find more details about graduation at education.ohio.gov/graduation and locate the section for your graduating class.



Additional Graduation Options Available for the Class of 2020

Students who entered grade 9 after July 1, 2014, are the first to earn diplomas under the new graduation requirements. In addition to satisfying the high school curriculum requirements, students in Ohio must meet one of [three existing pathways](#) to earn a high school diploma.

To support the transition to new requirements, the General Assembly approved temporary graduation options for students in the class of 2018. **Recent legislation extended additional graduation options to the classes of 2019 and 2020, as provided below.**

Please note, state law modified the criteria available for the class of 2020 and not all of the original criteria are available to students in the class of 2020.

The Department expects most students will meet one of the three existing pathways, and districts should continue to work with students, as appropriate, to meet these requirements. These options provide an opportunity for students who do not otherwise meet one of the three existing pathways to graduation to earn a diploma.

The two additional graduation options for the class of 2020 are:

Option 1

Students entering grade 9 between July 1, 2016, and June 30, 2017, are eligible to utilize the modified graduation options below.

Students must take and pass courses that constitute the curriculum requirements and take all seven end-of-course exams. If the student receives a score of "1" or "2" on any math or English language arts test, the student must retake the test at least once.

Additionally, you must meet **at least two** of the below requirements:

- Earn a GPA of 2.5 on a 4.0 scale in all courses completed **during the 11th and 12th grades** (must complete at least four full-year – or equivalent – courses in each year);
- Complete a capstone project during 12th grade that meets criteria defined by Ohio Department of Education guidance and evaluation processes (**guidance available by May 31, 2019**);
- During 12th grade, complete a work or community service experience totaling 120 hours, as defined by the Ohio Department of Education and Governor's Office for Workforce Transformation (**guidance available by May 31, 2019**);
- Earn three or more [College Credit Plus](#) credits at any time during high school;
- Earn credit for an Advanced Placement (AP) or International Baccalaureate (IB) course and earn an AP exam score of 3 or higher or IB exam score of 4 or higher at any time during high school;
- Earn a WorkKeys exam score of 3 on each of three test sections;
- Earn a State Board-approved [industry-recognized credential](#) or credentials that equal at least three points;
- [Meet OhioMeansJobs Readiness Seal requirements](#).

Option 2

Students must take and pass courses that constitute the curriculum requirements and take all seven end-of-course exams. Students must finish a career-technical program that includes at least four courses in a single career pathway and complete **at least one** of the options below:

- Earn a total score of Proficient or better based on all career-technical exams or test modules;
- Earn an industry-recognized credential or credentials that equal 12 points;
- Complete a workplace experience totaling 250 hours with evidence of positive evaluations.

QUESTIONS?

If you have questions about graduation requirements, call (614) 466-1317 or send an email to gradrequirements@education.ohio.gov.



Talk to your school counselor early in the school year about your path to graduation and your future success.

Accelerated Graduation

- Students may request permission to graduate early. Students must have the written permission of their parent and meet with a counselor to develop a plan to complete all graduation requirements.
- A plan must be in place by the end of the student's sophomore year.
- Students opting for Accelerated Graduation are not eligible to participate in senior activities. Students are considered junior-level students until graduation.
- A student who requests this option will not qualify for the alternative graduation requirements for the class of 2020.

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 graduation ceremony at the end of the school year, and are available for pickup in the Main Office of the high school beginning the Tuesday following the ceremony for students who do not attend the event.
- 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.
- A Seal of Biliteracy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other language. A school or district gives this award by following state-established guidelines.

Diploma with Honors

Refer to the following chart to determine eligibility for a Diploma with Honors.

High school students can 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.

Students must meet all but one of the following criteria, unless it is a minimum graduation requirement. Students must meet general graduation requirements to qualify for honors diplomas.

ACADEMIC HONORS DIPLOMA	
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher

Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, College Credit Plus and Credit Flexibility coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

Math – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

Science – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

Social Studies – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

World Language – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. If a student opts to complete this criterion by taking two units each of two world languages studied, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

Fine Arts – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

GPA – GPAs must be calculated on an unweighted 4.0 scale.

ACT and SAT score requirements – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. Further, the information may be found on the College Board’s website. The ACT writing and SAT essay sections are not included.

Valedictorian Selection Criteria and Process

Valedictorian Criteria

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

- Has earned the required credits to be classified as a senior
- Has earned a cumulative GPA of 4.0 or above after the 3rd quarter of their senior year
- Has completed the Ohio Core Graduation Requirements
- Has been enrolled as a Groveport Madison High School student for the two semesters prior to graduation

Valedictorian Selection Process

The valedictorian shall be selected in the following manner:

- Valedictorian(s) for the current graduating class will be determined upon the completion of the 3rd quarter 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 or salutatorian for any major disciplinary action before the date of the graduation ceremony.

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 pupil 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

The Advanced Placement 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 to take the AP exams in May of that school year. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

General Expectations:

- Attendance at AP Informational Day is mandatory.
- Summer reading and/or assignments are an understood expectation of Advanced Placement courses; therefore students who fail to complete summer assignments will be dropped from the course.
- Teachers are responsible for the creation of "Summer Assignment Packets" to be given to new students enrolling in course. Students will have a set amount of time after which they enroll to complete the work.
- Attendance: Students who reach ten (10) unexcused absences within a semester will be removed from the course and placed into an alternative course.
- The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

Career and Technical Schools (see flier at the end of the Program of Studies)

The Eastland-Fairfield Career and Technical Schools is an educational extension of the GMHS curriculum program. Students participating in this program remain enrolled in, and graduate from, Groveport Madison High School. The career 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 the Eastland and Fairfield Career Centers' staff determine student acceptance.

College Credit Plus (CCP)*

- Groveport Madison Schools offers all students, in grades 7 and up, the opportunity to begin taking college courses for both high school and college credit through the College Credit Plus program. Groveport Madison Schools pays the tuition for any student who takes and passes classes taken at any Ohio college or university.
- Groveport Madison Schools has partnered with Columbus State Community College so that teachers at the high school offer some of the CSCC courses during the regular school day. Students also are free to take courses on the 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 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 required college entrance exams;
 - Completing and submitting the CCP Letter of Intent to the School counselor by April 1.

Credit Flex

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 the high school.
2. Demonstrating course mastery by taking a mastery assessment and scoring an 80% or higher.
3. Pursuing a preapproved 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. The courses listed at the end of each section are a sampling of those available as Credit Flex from the online EdOptions Academy. Students interested in this option should meet with their School counselor for more information and to get a Credit Flex Handbook.

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 four (4) 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 taking the courses online. Courses can be completed inside and outside of the school day.
- Students may not retake a course from which they have previously failed or withdrawn.
- 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 may 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.

Mosaic

Mosaic is an integrated, project-based humanities program that incorporates social studies, English, art appreciation, and cultural studies curricula. Mosaic may be of interest to students who are independent and original thinkers, intellectually curious and creative, motivated by real-life learning experiences, interested in arts and creative expression, and are committed to having a voice in their education while making a difference in their community. Juniors and seniors are eligible to participate in the program. Students are selected to participate in the Mosaic program through an application and interview process. Students take classes at their home school for half a day, and are responsible for their daily transportation to and from the program.

Physical Education Waiver

The Groveport Madison School District has adopted a policy in accordance with the Ohio Department of Education 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 or the marching band. 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 requirement 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 Schools Physical Education Waiver.
- The Exercise Science can be used as a Physical Education credit toward graduation.

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 a variety of student needs in a variety of ways. These include, but are not limited to, resource, inclusion courses, and academic tutoring as defined below. Questions concerning these programs should be directed to the director of exceptional children, Mitzi Boyd. Contact information is available at the front of this handbook.

- Direct 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.
- Tutoring 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.

College Preparatory

The state supported universities of 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 course work deficiency after enrolling in college. The following is the minimum college preparatory curriculum recommended by the state institutions of Ohio. Students are encouraged to exceed the minimum by meeting the following guidelines:

English	4.0 credits	Mathematics	4.0 credits (including Algebra I, Geometry, & Algebra II)
Social Studies	4.0 credits	Science	4.0 credits (including 2 lab sciences)
Visual/Performing Arts	1.0 credits	Foreign Language	2.0 credits in the same foreign language

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 visit our school yearly 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**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 the winter at Eastland Career Center. There is no cost for the test. Students can get more information about the test from their School counselor, or by contacting a local recruiter.

PSAT (The 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 can be found online at <https://collegereadiness.collegeboard.org/sat/taking-the-test>.

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 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 spring of the junior year. Students should check with their college choices to see if the writing section is required. Other administrations of the test are available, for a fee, several times throughout the year at various test centers in and around Columbus. Students can find more information and register online, at www.actstudent.org.

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/reduced lunch can request a fee waiver to cover the cost of testing.

SAT I & II (Scholastic Aptitude Tests)

The SAT consists of verbal, mathematical and writing sections. SATs are given several times throughout the year at various test centers in central Ohio. Registration information is available online at www.collegeboard.org. 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/reduced lunch can request a fee waiver to cover the cost of testing.

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 $\frac{1}{4}$ credit. In order to count toward the five credits necessary for eligibility, an additional $\frac{1}{4}$ 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. Cruiser Academy and Online students must complete two (2) total credits and be at least half way through the content of the next half credit by the end of each grading period. This is the equivalent of passing a minimum of 5 full-credit courses

The Groveport Madison 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 extra-curricular 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 he/she wishes 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 his/her grades are evaluated 24 hours 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 on any sports team. If the student is a multi-sport athlete, he/she and their parent/guardian must attend a code of conduct meeting one time per year.

NCAA Requirements for Student Athletes

What do YOU need to do if you are interested in participating at the Division I or Division II level in college?

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 course 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, see 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 that test scores are sent to the eligibility center using the code "9999".
- Begin your amateurism questionnaire.

Grade 12

- When taking the ACT or SAT, request test scores are sent to the eligibility center using the code "9999".
- Complete 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 are expecting to enroll for 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 ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - 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 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 (see page 19).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core course GPA on the sliding scale (see Page 20).
 - **SAT:** critical reading and math sections.
 - Best sub score from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best sub score from each section is used to determine the ACT sum 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 (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core course GPA (minimum 2.000) on Sliding Scale A (see Page 20).
 - Core course GPA is calculated using the best 16 core courses that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - 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 (see Page 20).
 - Core course GPA is calculated using the **best 16 core courses** that meet both progression (ten (10) before seventh semester; seven (7) in English, math or science; "locked in") and subject-area requirements.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

DIVISION I

Core Course Requirement (16)

- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab, if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016

Qualifier Requirements

**Athletics aid, practice, and competition*

- 16 core courses
 - Ten (10) core courses completed before the start of seventh semester. Seven (7) of the ten (10) must be in English, math or natural/physical science.
 - "Locked in" for core course GPA calculation.
- Corresponding test score (ACT sum score or SAT combined score) and core course GPA (minimum 2.300) on Sliding Scale B (see Page 20).
- Graduate from high school.

DIVISION I – 2016

Academic Redshirt Requirements

**Athletics aid and practice (no competition)*

- 16 core courses
 - No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
- Corresponding test score (ACT sum score or SAT combined score) and core course GPA (minimum 2.000) on Sliding Scale B (see Page 20).
- Graduate from high school.

Sliding Scale A		
<i>Use for Division I prior to August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT	ACT Sum
	Verbal and Math ONLY	
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B		
<i>Use for Division I beginning August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT	ACT Sum
	Verbal and Math ONLY	
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

NCAA Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018,** to become a full or partial qualifier for Division II, all college-bound student athletes must complete the 16 core course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018,** Division II will use a sliding scale to match test scores and core course grade-point averages (GPA). The sliding scale for those requirements is shown on Page 22.
- 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 SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). 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.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page 22).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page 22).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (One (1) year of lab if offered by high school)
- 3 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

DIVISION II COMPETITION SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org.

Career Pathway Programs of Promise and Opportunity

Health Sciences Pathway

Mission: Health Sciences Pathway will prepare students with the mathematics, science and technical skills to assist with exercise and rehabilitative procedures for the human body. Careers for which this pathway prepares students include: Athletic Trainer, Personal Trainer, Kinesiology and Exercise Science, Physical Therapist Assistant, Occupational Therapist Assistant, Medical Massage Therapist. Postsecondary majors for which this pathway prepares students include: Athletic Training, Foods, Nutrition & Wellness Studies, Kinesiology and Exercise Science.

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Exercise and Athletic Training	9	10			None	Year	1.0
Bio-Statistics in Exercise Science and Sports Medicine	9	10			None	Year	1.0
Nutrition and Wellness		10	11	12	None	Semester	0.5
Human Anatomy and Physiology		10	11	12	Exercise and Athletic Training	Year	1.0
Athletic Injuries and Prevention		10	11	12	Exercise and Athletic Training	Semester	0.5
Fitness Evaluation		10	11	12	Exercise and Athletic Training	Semester	0.5

EXERCISE AND ATHLETIC TRAINING: 072000

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.

BIOSTATISTICS IN EXERCISE SCIENCE & SPORTS MEDICINE: 072005

Students will use fundamental qualitative analysis to study the human body's responses to exercise. Topics include respiratory response to exercise, metabolism and energy production, body composition, healing rate of tissues, and cardiovascular conditioning. Students will use therapeutic exercise and the application of modalities to restore or facilitate normal function or development. Developing and implementing exercise test protocols, and emergency procedures will be emphasized.

EXERCISE PHYSIOLOGY AND BIOCHEMISTRY: 072010

Students will learn to critically evaluate acute and chronic conditions associated to 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 compositions, cardiorespiratory fitness, muscular strength/endurance, and flexibility. Emphasis is placed on developing conditioning programs that address preassessment needs, enhance mobility and build muscle strength.

NUTRITION AND WELLNESS: 072015 (Health Credit)

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. This can satisfy the Health credit requirement for graduation.

HUMAN ANATOMY AND PHYSIOLOGY: 072040

In this course, students will demonstrate knowledge of body systems with emphasis on the interrelationships between structure and physical function. Students will analyze and evaluate how the body systems respond to physical activity, disease, and aging. Students will use data acquisition software to monitor abnormal physiology and body functions (e.g., muscle movement, reflex, respiratory, and voluntary actions). Further, students will analyze descriptive results of abnormal physiology and evaluate clinical consequences.

ATHLETIC INJURIES AND PREVENTION: 072025

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.

SPORTS EXERCISE PSYCHOLOGY: 072030

Students apply practical and theoretical information as it relates to psychology of sport. Students analyze the reciprocal relations among physical activity, exercise behavior, and biochemical and physiological adaptation. Topics include theories of behavior change, exercise psychology interventions, and the relationship between exercise and mental health. Further, students will identify psychosocial determinants and effects associated with adopting and maintaining an exercise program and develop strategies for promoting optimal performance in athletes.

FITNESS EVALUATION AND ASSESSMENT: 072020

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 components of physical fitness and communicate how physical activity impact health and wellness.

Construction Technology Pathway

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 <http://jfs.ohio.gov/apprenticeship/index.shtml>

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Core and Sustainable Construction	9	10			Take with Carpentry	Semester	0.5
Carpentry and Masonry Technical Skills	9	10			Take with Core and Sustainable	Semester	0.5
Mechanical, Electrical, and Plumbing	9	10	11	12	None	Year	1.0
Structural Systems		10	11	12	Carpentry and Masonry Tech	Year	1.0
Structural Coverings and Finishes			11	12	Structural Systems	Year	1.0
Construction Electrical Systems		10	11	12	Mechanical, Electrical, Plumbing	Year	1.0
Residential Electrical Systems			11	12	Construction Electrical Systems	Year	1.0
Residential and Commercial Plumbing Systems		10	11	12	Mechanical, Electrical, Plumbing	Year	1.0

CORE AND SUSTAINABLE CONSTRUCTION: 178000

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool use and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices.

CARPENTRY AND MASONRY TECHNICAL SKILLS: 178001

This first course in the pathway will introduce to students the materials, methods, and equipment used in carpentry and masonry. Students will organize a project work sequence by interpreting plans and diagrams within a construction drawing set. They will layout and install basic wall, floor and roof applications. Students will perform introductory concrete applications including formwork, reinforcement, mixing, and finishing. Current advancements in technology, safety, applicable code requirements and correct practices are learned.

MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS: 178002

Students learn physical principles and fundamental skills across mechanical systems in construction. Students will select materials, assemble, and test basic electrical circuits. Students will select materials and assemble simple copper and plastic plumbing applications for both supply and drains. They will perform simple maintenance of electric motors, electric fixtures and plumbing fixtures. Students will be able to select and install basic ductwork components and learn the operation and maintenance of heating and cooling equipment.

STRUCTURAL SYSTEMS: 178003

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.

STRUCTURAL COVERINGS AND FINISHES: 178004

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.

CONSTRUCTION ELECTRICAL SYSTEMS: 178007

This introductory electrical course will emphasize electrical theory, materials, equipment. Students will explore the National Electrical Code and learn worksite safety. They will interpret schematics; construct basic circuits, use test equipment and electrical hand and power tools.

RESIDENTIAL ELECTRIC SYSTEMS: 178008

This course will emphasize electrical theory, materials, equipment and general methods used in residential construction. Students will navigate the National Electrical Code, learn worksite safety and understand licensing and permitting requirements. They will interpret plans and job specifications and calculate loads and service requirements. Students will install, test and repair receptacle outlet, lighting and small appliance circuits. They will understand circuit protection concepts and install a subpanel. Specialty circuit installation will be addressed.

RESIDENTIAL AND COMMERCIAL PLUMBING: 178011

This course focuses on the advanced residential and commercial plumbing systems. Students will plan, install, and maintain water supply, wastewater and fuel supply components following codes and municipal building standards.

BUSINESS

Business	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Accounting I		10	11	12	None	Year	1.0
Accounting II		10	11	12	Accounting I	Year	1.0
Business Foundations	9	10	11	12	None	Semester	0.5
Microsoft Application Certification	9	10	11	12	None	Year	1.0
Entrepreneurship and Marketing		10	11	12	Business Foundations	Semester	0.5
Finance Foundations		10	11	12	None	Semester	0.5
College Credit Plus Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
BMGT 1008	9	10	11	12	COLS 1101	Semester	.67

BUSINESS COURSES

ACCOUNTING I *Prerequisite: Business Foundations*

This basic accounting course is designed for students who want to learn how to maintain financial records for a service business. During the year, students will learn all steps of the accounting cycle, from recording transactions to closing year-end records and creating financial statements. The basics of payroll accounting are covered also. Students will use Excel and be introduced to automated accounting software.

ACCOUNTING II *Prerequisite: Accounting I*

This course is a continuation of Accounting I. Curriculum focuses on corporate accounting and accounting for merchandising corporations. Financial statements, special journals, depreciation, inventories, and other special accounting procedures are covered.

BUSINESS FOUNDATIONS *Prerequisite: None*

This course is designed to provide students with 21st Century skills, which are essential in today's global society. The focus will be on Basic Economics, Workplace Skills, Entrepreneurship and Financial Literacy. The course is project-oriented and combines practice with theory. Students will participate in simulations and focus is placed on providing a foundation for business pathways.

MICROSOFT APPLICATION CERTIFICATION *Prerequisite: None*

This program provides students with an introduction into the latest computer applications for business. Students learn Microsoft Word®, Outlooks®, Excel®, and PowerPoint® programs. They will learn how to work in an office setting that simulates daily business situations. Students also become familiar with the day-to-day office environment and build proficiency in correspondence preparation, schedule management, data entry, document preparation, records management, and related duties.

ENTREPRENEURSHIP & MARKETING *Prerequisite: Business Foundations*

This course is designed to give students an understanding and appreciation of what is a business, how it operates, and how it is managed in a global economy. Students will develop a STEM Business Plan while building and understanding the foundations of related business topics. Students will work on Overview of Entrepreneurship, Innovation & Creativity, Opportunity Recognition, Business Planning, Market Research & Marketing, Entrepreneurial Finance, Business Operations, and Monitoring & Exit Strategy. Students will present a plan and participate in Shark Tank simulations.

FINANCE FOUNDATIONS *Prerequisite: None*

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Employability skills, leadership and communications will be incorporated in classroom activities. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money. They also will be introduced to career fields in finance, insurance, securities and investments.

SPECIALS

Help Desk *teacher placement*

The Student-Run Help Desk to provide valuable technical support in the school buildings and/or community. Students will use procedures, training, and ticket tracking capabilities to successfully support and complement existing technology infrastructure. Students will demonstrate a responsible use of technology and an understanding of ethics and safety issues in using electronic media at school and in society. They will demonstrate the ability to use technology for research, critical thinking, problem solving, decision making, communication, collaboration, creativity and innovation.

COLLEGE CREDIT PLUS COURSES

BMGT 1008 21st Century Skills (2 CSCC credits) *Prerequisites: COLS 1101*

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 also are enrolled in a participating workforce development or career specific cohorts.

CREDIT FLEX OPTIONS

These courses are offered through EdOptions Academy. Some of these courses may be relevant to students' chosen pathways. Students interested in more information about these courses, including prerequisites, should see their School counselor.

INTRODUCTION TO SOCIAL MEDIA *Prerequisite: Application*

This course teaches students how to effectively engage in social media by applying their knowledge in a practical way in a career. Online discussions are a critical aspect of creating a collaborative learning environment in this class. Students will use games and other interactions as forms of engagement.

PRINCIPLES OF INFORMATION TECHNOLOGY 1A *Prerequisite: Application*

This course covers the practical skills necessary for students to succeed in the IT industry. Lessons covered include information on privacy and data security as well as addressing some essential skills such as word processing, spreadsheet software, networking and database software concepts.

WEB DESIGN *Prerequisite: Application*

This course introduces students to the essentials of web design and what makes a site engaging and interactive. Lessons include topics such as elements of design, effects of color, and effective typography. The course covers the basics of HTML, CSS and organizing content. This is a great starter course for a student interested in a career in web design.

Information Technology Pathway

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 and Information Sciences and Support Services, Computer Science, Computer Software and Media Applications, and Information Services.

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Information Technology	9	10	11	12	None	Year	1.0
Computer Hardware & Software		10	11	12	Information Technology	Year	1.0
Networking		10	11	12	Information Technology	Year	1.0
Network Operating Systems		10	11	12	Information Technology	Year	1.0
Network Security		10	11	12	Information Technology	Year	1.0
Programming		10	11	12	Information Technology	Year	1.0

INFORMATION TECHNOLOGY: 145005

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 will also learn about input/output systems, computer hardware and operating systems, and office applications.

COMPUTER HARDWARE: 145025

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. As well as apply knowledge and skills of commercial and open source operating systems in portable, stand alone, and networked devices. Students will install a variety of operating systems manually and using remote assistance. They will learn to configure, modify, and troubleshoot operating systems. Desktop virtualization, system security, and operating system history will be addressed

NETWORKING: 145035

Students will install, configure, and troubleshoot network hardware and peripherals. Students will learn networking by exploring the OSI model, network topologies, and cabling. Students will design simple networks, know how to select physical devices, and be able to configure the equipment. Knowledge and skills relating to the operation and usage of network protocols will be developed.

NETWORK OPERATING SYSTEMS: 145040

Students will perform desktop client administrator duties by providing support for users in various work environments including professional offices, small businesses, work groups, departments, and/or corporate information services (IS). Students will learn to install, configure, and update commercial and open source network operating systems.

NETWORK SECURITY: 145050

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.

PROGRAMMING: 145060

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.

Interactive Media Pathway

Mission: Interactive Media program areas will prepare students for careers using multimedia technology to develop online products for business, training, entertainment, communications and marketing. Students will gain the necessary technical and academic skills to create, design and produce interactive media products and services.

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Information Technology	9	10	11	12	None	Year	1.0
Web Design – Dreamweaver	9	10	11	12	Information Technology	Year	1.0
Design Techniques		10	11	12	Information Technology	Year	1.0
Creating and Editing Digital Graphics		10	11	12	Information Technology	Year	1.0
Multimedia and Image Management Techniques		10	11	12	Information Technology	Year	1.0
Video and Sound		10	11	12	Information Technology	Year	1.0
Animation		10	11	12	Information Technology	Year	1.0
Information Technology Capstone					At least four IT core courses	Year	1.0

INFORMATION TECHNOLOGY: 145005

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 will also learn about input/output systems, computer hardware and operating systems, and office applications.

WEB DESIGN: 145010

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.

DESIGN TECHNIQUES: 145095

Students will learn techniques for transforming photographic images, through use of digital cameras, computers, and mobile devices. To accomplish this, they will learn software photo editing techniques including layering, color correction, masking, and special effects using current commercial and open source programs and applications.

CREATING AND EDITING DIGITAL GRAPHICS: 145100

Students will learn to design, develop, and produce interactive media projects, web sites, and social media contexts. Students will demonstrate methods of creating professional quality media using commercial and open source software.

MULTIMEDIA AND IMAGE MANAGEMENT TECHNIQUES: 145105

Students will apply principles of image creation, management procedures, and multimedia techniques as they create, revise, optimize, and export graphics for video, print, and web publishing. The course will address issues related to web based publishing, social media, and security. Students will utilize current commercial and open source languages, programs, and applications.

VIDEO AND SOUND: 145110

Students will create professional video and audio productions for distribution in traditional and new media channels. Students will plan, produce, edit, and launch media products. Students will develop scripts and storyboards, compose shots and operate cameras, capture sounds using microphone hardware, apply special effect techniques, and edit to achieve the final product. Students will be able to use animation and graphic design for video.

ANIMATION: 145115

Students will use animation and storyboarding techniques to plan the production of an animation project. Students will design from script and storyboard actions in the pre-production planning process. Students will use commercial and open source digital animation software to create finished animations, cartoons, and other short movies. They will accomplish this using animated text, character movements, voice, background sound, sound effects, camera movements, and multiple scenes.

INFORMATION TECHNOLOGY CAPSTONE PROJECT: 145015

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in 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.

Career and Technical Pathway Progression

Mission: Career and Technical Pathway Progression is available to students in Grades 7 to 12 and increasingly supports programs targeting middle-grade students as young as age 12 with the purpose of increasing their success in high school and career exploration. Teaming to support higher standards, teachers in this pathway are encouraged to build connections with the entire school community, including academic and technical instructors, who have Career and Technical Pathway Progression students in their classes. This occurs both at the current grade level and with follow-up in subsequent grades so that students need no intervention. Instructors also provide high-quality instruction aligned to the state's academic content standards (technical content standards for Ohio's 16 career fields).

The 21st century workplace is constantly evolving. To ensure success in their careers, students must be prepared to engage in this rapidly changing environment. Ohio businesses are seeking talented workers who have solid academic skills such as reading, writing and mathematics, as well as the professional skills required for success in the workplace. Succeeding in the World of Work prepares students for the complex issues they'll face. This updated and comprehensive program now includes 16 Career Pathways outlined by the U.S. Department of Education. In addition, by showing they are prepared to contribute to the workplace and their communities, students successfully completing the Career and Technical Pathway Progression will earn The OhioMeansJobs-Readiness Seal, which is a formal designation on their high school diplomas and transcripts indicating they have the personal strengths, strong work ethic, and professional experience that businesses need.

Traditional Pathway Progression

Mission: Preparing students to succeed in lifelong learning and careers through secondary-postsecondary programs of study that include taking and succeeding at high-level coursework and in real-world experiences. Students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma.

Course Descriptions

ENGLISH							
Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
English 9	9				None	Year	1.0
Honors English 9	9				Teacher Recommendation or Gifted Designation	Year	1.0
English 10		10			None	Year	1.0
Honors English 10		10			Teacher Recommendation or Gifted Designation	Year	1.0
English 11			11		None	Year	1.0
Honors English 11			11		Teacher Recommendation or Gifted Designation	Year	1.0
English 12				12	None	Year	1.0
Honors English 12				12	Teacher Recommendation or Gifted Designation	Year	1.0
Elective Courses							
Creative Writing	9	10	11	12	None	Semester	0.5
Mythology I	9	10	11	12	None	Semester	0.5
Mythology II	9	10	11	12	Mythology I	Semester	0.5
Public Speaking	9	10	11	12	None	Semester	0.5
Yearbook		10	11	12	Application required	Year	1.0
Journalism	9	10	11	12	None	Semester	0.5
Mass Media	9	10	11	12	None	Semester	0.5
Film Studies		10	11	12	Teacher Recommendation	Semester	0.5
AP Courses							
AP Language & Composition			11		80% or higher in Honors English 10; writing sample	Year	1.0
AP Literature & Composition				12	80% or higher in Honors English 11; AP Language and Composition	Year	1.0
College Credit Plus Courses							
ENG 1100	9	10	11	12	CCP application, admission to Columbus State and the necessary placement test scores	Semester	1.0
ENG 2367	9	10	11	12		Semester	1.0

CORE COURSES

ENGLISH 9 *Prerequisite: None*

This course is a comprehensive study of literature through reading, acquisition of vocabulary, and composition based on the Common Core Standards. (<http://www.corestandards.org/ELA-Literacy/RL/9-10/>)

HONORS ENGLISH 9 *Prerequisite: Teacher Recommendation or Gifted Designation*

Honors English 9 is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. Course content, pace, and academic rigor put high expectations on the student and allow for greater depth and acceleration as they follow the Common Core Standards for ELA. Intellectual curiosity also is a focus with an emphasis on critical thinking and depth of ideas.

ENGLISH 10 *Prerequisite: None*

This course is a comprehensive study of literature, nonfiction texts, acquisition of vocabulary, and composition based on the Common Core Standards. (<http://www.corestandards.org/ELA-Literacy/RL/9-10/>)

HONORS ENGLISH 10 *Prerequisite: Teacher Recommendation or Gifted Designation*

Honors English 10 is academically rigorous and is recommended for students who demonstrate advanced skills in independent reading and writing and are able to engage in critical analysis and discussions inside and outside the classroom. This course allows for independent thinking and communication through in-depth writing and projects. It emphasizes a concentrated approach to the critical analysis and interpretation of fiction, nonfiction, and poetry. Contemporary and classic literature, including Shakespeare, will be studied.

ENGLISH 11 *Prerequisite: None*

This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Common Core Standards. (<http://www.corestandards.org/ELA-Literacy/RL/11-12/>)

HONORS ENGLISH 11 *Prerequisite: Teacher Recommendation or Gifted Designation*

This course is a comprehensive study of literature, vocabulary and composition designed for students with above average reading and writing skills.

ENGLISH 12 *Prerequisite: None*

This course is a comprehensive study of literature, acquisition of vocabulary, and composition based on the Common Core Standards. (<http://www.corestandards.org/ELA-Literacy/RL/11-12/>)

HONORS ENGLISH 12 *Prerequisite: Teacher Recommendation or Gifted Designation*

This course is a comprehensive study of literature, vocabulary and composition designed for students with above average reading and writing skills. Completion of research paper(s) is required for course credit.

ELECTIVES

CREATIVE WRITING *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 story and poetry. Our main goals will be to develop the skills and build the confidence necessary to become effective communicators.

MYTHOLOGY I *Prerequisite: None*

This course is a study of myth from across the timeline and around the globe. 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, cartoon, documentary, history, and archeology to study the subject.

MYTHOLOGY II *Prerequisite: Mythology I*

This course builds on the topics discussed in Mythology 1 by digging more deeply into specific cultures. Topics will include the Greek philosophers and playwrights, cultures native to Ohio, and other myths not covered in Mythology 1. Students will be expected to conduct independent research and deliver multi-media presentations.

PUBLIC SPEAKING *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. Speech types covered include: informative, demonstrative, and persuasive. This course is recommended for students who are college bound.

YEARBOOK *Prerequisite: Application is required - Sophomores, Juniors, Seniors only*

This class designs and produces the yearbook. Activities include interviewing, feature writing, page layout, picture planning, sales design, advertising and computer work. A 2.5 GPA is required, as well as an approved application. Students will be required to attend after-school events frequently and will need reliable transportation. Students may retake the course for elective credit.

JOURNALISM *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.

MASS MEDIA *Prerequisite: None*

This class examines the media's influence on society including advertising, news coverage of current events, and the entertainment industry. Throughout the course, students will critically examine diversity in various media outlets. This course focuses on strengthening formal writing skills.

FILM STUDIES *Prerequisite: Teacher Recommendation*

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 be introduced to the basic elements of film (narrative, dialogue, cinematography, sound and editing) as they develop an understanding of film construction and how films engage audiences and make meaning. 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. The class includes weekly readings, screenings, online research, and short writing assignments.

AP COURSES**AP LANGUAGE & COMPOSITION** *Prerequisite: 80% or higher in Honors English 10; Rubric evaluation of writing sample*

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 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 required to take the AP exams, which are given in May on pre-determined 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 Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

AP LITERATURE & COMPOSITION *Prerequisite: 80% or higher in Honors ENGLISH 11 or AP Language and Composition; Rubric evaluation of writing sample*

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 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 required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

COLLEGE CREDIT PLUS COURSES

ENGLISH 1100 Composition I *Prerequisite: Admission to Columbus State; 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 introducing also research and documentation methods. Course reading and writing assignments may be thematically organized. This class is one semester in length. Upon successful completion, the student earns 1.0 high school English credit and 3.0 college credits.

ENGLISH 2367 Composition II *Prerequisite: English 1100 Composition I*

ENGL 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course refines also 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. This class is one semester in length. Upon successful completion, the student earns 1.0 high school English credit and 3.0 college credits.

CREDIT FLEX OPTIONS

Credit Flex options are available also to students through EdOptions Academy. The following is a sample of available courses. Students should see their school counselor for more options.

AMERICAN LITERATURE *Prerequisite: Application*

Students in this course will study American authors and the historical development of literature in America. The course will cover how the events in history and the cultural heritage of the times influence authors' works. To be successful in this course, students need to possess the ability to analyze literary works. Topics of discussion include Puritanism, Deism, Neoclassicism, Romanticism, Transcendentalism, Realism and Naturalism.

BRITISH LITERATURE *Prerequisite: Application*

This course provides a comprehensive look at the evolution of British literature beginning with the Anglo-Saxon period through the Modern Age. The course emphasizes cultural and historical elements that shaped literary movements. Students will complete reading and writing assignments focusing on literary analysis, analytic essays and research papers. All course readings and literary texts will be provided online.

GOTHIC LITERATURE: MONSTER STORIES *Prerequisite: Application*

This course focuses on the major themes found in Gothic literature and demonstrates how core writing produces thrilling, psychological environments for the reader. Themes such as terror versus horror, the influence of the supernatural, and good versus evil will be explored. Students who complete this course will gain an understanding for the complex nature of dark fiction.

WORLD LITERATURE *Prerequisite: Application*

This course focuses on some of the world's most well-known literature. Students will complete reading assignments that emphasize common themes found across cultures and historical timelines. The course includes online multiple choice and short answer questions along with two full-length, essay assignments.

MATHEMATICS

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Algebra I	9	10			None	Year	1.0
Geometry	9	10	11		Algebra I	Year	1.0
Honors Geometry	9	10			Teacher Recommendation or Gifted Designation	Year	1.0
Algebra II		10	11	12	Geometry	Year	1.0
Honors Algebra II		10	11	12	Teacher Recommendation or Gifted Designation	Year	1.0
Business & Consumer Math			11	12	Geometry	Year	1.0
Pre Algebra II			11		Algebra I and Geometry	Year	1.0
Honors Pre-Calculus			11	12	Teacher Recommendation or Gifted Designation	Year	1.0
Pre-Calculus			11	12	70% in Honors Algebra II; 80% or higher in Algebra II	Year	1.0
Statistics			11	12	Algebra II	Year	1.0
Transitions to College Math			11	12	Algebra II	Year	1.0
Trigonometry			11	12	Algebra II	Year	1.0
AP Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
AP Calculus				12	80% or higher in Pre-Calculus	Year	1.0
AP Statistics			11	12	80% or higher in Geometry and Algebra II	Year	1.0

CORE COURSES**ALGEBRA I** *Prerequisite: None*

Algebra I includes positive and negative numbers and algebraic expressions. Solving equations and the application of algebra to everyday problems are major considerations. Students who plan to pursue mathematics, engineering, or science should have a thorough knowledge of algebra. A scientific calculator is required.

GEOMETRY *Prerequisite: Algebra I*

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.

HONORS GEOMETRY *Prerequisite: Teacher Recommendation or Gifted Designation*

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.

ALGEBRA II *Prerequisite: Geometry*

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.

HONORS ALGEBRA II *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.

BUSINESS AND CONSUMER MATH *Prerequisite: Geometry*

Students in this course will learn how four basic mathematical operations—addition, subtraction, multiplication and division—can be used to solve real-life problems. Concepts such as wages, taxes, money management, interest and credit will be explored. Students will complete projects structured around real-world situations and will develop skills in higher-order thinking, cross-curricular learning and problem solving.

PRE-ALGEBRA II *Prerequisite: None*

Math Foundations is a comprehensive math course designed to improve a student's algebraic problem solving abilities and understanding of geometric concepts. A scientific calculator is required. The focus of Math Foundations is to gain the skills necessary to achieve passing marks in Algebra II. **Course not approved for NCAA eligibility.**

HONORS PRE-CALCULUS *Prerequisite: Teacher Recommendation or Gifted Designation*

Faster pace 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.

PRE-CALCULUS *Prerequisite: 70% or higher in Advanced Algebra II or 80% or higher in Algebra II*

For the college bound student, this course will expand the student's proficiency in analysis, trigonometric concepts, algebraic concepts, problem solving, real and complex number systems, and elementary calculus. A TI-83 or TI-84 graphing calculator is required.

STATISTICS *Prerequisite: Successful completion Algebra II*

In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data, as well as data collected through a survey, observational study or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results. The four main components of the course are: exploring data, data collection, probability, and inference. Students taking this course should have successfully completed Algebra II. A TI-83 or TI-84 calculator is required.

TRANSITION TO COLLEGE MATH *Prerequisite: Algebra II*

TCM is designed to raise the students' mathematics skills to a level that will help avoid the need for remedial coursework in college. The content of the course moves gradually from a study of number properties to topics from Algebra I and some applications from Geometry. The second semester includes most of the topics of a conventional Algebra II course and some areas of right triangle trigonometry. Much emphasis will be placed on graphing and use of the calculator. A graphing calculator is required. **This course is not approved for NCAA eligibility.**

TRIGONOMETRY *Prerequisite: Algebra II*

Trigonometry is a college-prep course that includes trigonometric relations, functions of two angles, inverses, and the solution of triangles. Algebraic topics include vectors, logarithms, complex numbers, and polar coordinates. A scientific calculator is required, but a graphing calculator is preferred.

AP COURSES

AP STATISTICS *Prerequisite: 80% or higher in 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 required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

AP CALCULUS *Prerequisite: 80% in Pre-Calculus*

This course is designed for the student who intends to pursue a career in science, engineering or mathematics-related 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 pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

SCIENCE

Core Courses	Gr	Gr	Gr	Gr	Prerequisite	Length	Credit
Biology		10			None	Year	1.0
Chemistry			11	12	Passage of Biology, Physical Science; 80% or higher in Algebra I or currently taking Algebra II	Year	1.0
Environmental Science			11	12	Completion of Physical Science and Biology	Year	1.0
Honors Biology	9	10			Teacher Recommendation or Gifted Designation	Year	1.0
Honors Chemistry		10			Passed Biology and Algebra II with 80% or higher.	Year	1.0
Physical Science	9				None	Year	1.0
Physics			11	12	Successful completion of Chemistry and Algebra II	Year	1.0
AP Courses	Gr	Gr	Gr	Gr	Prerequisite	Length	Credit
AP Biology			11	12	Successful completion of Honors Biology, Honors Chemistry, Algebra II	Year	1.0
AP Chemistry			11	12	80% or higher in Honors Chemistry and Algebra II	Year	1.0
Elective Courses	Gr	Gr	Gr	Gr	Prerequisite	Length	Credit
Anatomy & Physiology			11	12	70% or higher in Biology	Year	1.0
Astronomy		10	11	12	70% or higher in Physical Science or Biology	Semester	0.5
Forensic Science		10	11	12	70% or higher in Biology	Semester	0.5
General Microbiology			11	12	70% or higher in Biology	Year	1.0
Genetics		10	11	12	70% or higher in Biology	Semester	0.5

CORE COURSES

BIOLOGY *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 may be included.

CHEMISTRY *Prerequisite: Passed Biology and Physical Science; 80% or higher in Algebra I or currently taking Algebra II*

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, 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 *Prerequisite: Completion of Physical Science and Biology*

This course is designed to acquaint students with the physical, ecological, social, and political principles of environmental science. The scientific method will be used to analyze and understand the inter-relationship 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.

HONORS BIOLOGY *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.

HONORS CHEMISTRY *Prerequisite: Passed Biology and Algebra II with 80% or higher*

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 a recommended prerequisite for AP Chemistry. 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.

PHYSICAL SCIENCE *Prerequisite: None*

This is an introductory science class that emphasizes earth and physical science, including the basic concepts in chemistry and physics. Laboratory activities are included.

PHYSICS *Prerequisite: Successful completion of Chemistry and Algebra II*

This course is a study of motion, work and energy, sound and light, and electricity and magnetism. 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 college core curriculum.

AP COURSES

AP BIOLOGY *Prerequisite: Successful completion of Honors Biology, Honors Chemistry, Algebra II*

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions. Twenty-five percent of instructional time is devoted to hands-on laboratory work with an emphasis on inquiry-based investigations. Investigations require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.

This course is 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 required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

AP CHEMISTRY *Prerequisite: 80% or higher in Algebra II and Honors Chemistry*

This course is the equivalent of a college-level general chemistry course. The course requires students to apply their knowledge in chemical principles in a variety of ways and to express their knowledge with both written explanations and mathematical justifications. The five content areas are: structure of matter, states of matter, reactions, descriptive chemistry, and laboratory work. The course does have a lab component and students should have a lab notebook to provide to colleges to receive the lab component of course credit. This course is 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 required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

ELECTIVE COURSES

ANATOMY AND PHYSIOLOGY *Prerequisite: 70% or higher in Biology*

Anatomy and Physiology is an upper-level life science course covering the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, as well as the systems of the human body; the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, immune, 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.

ASTRONOMY *Prerequisite: 70% or higher in Physical Science or Biology*

This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the universe and the formation of the earth and the solar system. Students will compare the earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate. Although largely descriptive, the course will occasionally require algebraic principals.

FORENSIC SCIENCE *Prerequisite: 70% or higher in Biology*

This course will begin by discussing the various units of a crime lab and its duties. Students will examine the various methods and techniques involved in solving crimes including, but not limited to, blood spatter analysis, fingerprinting analysis, DNA fingerprinting, and the various techniques used to determine time of death.

GENERAL MICROBIOLOGY *Prerequisite: 70% or higher in Biology*

This course covers principles of microbiology with emphasis on microorganisms and human disease. Topics include an overview of microbiology and aspects of medical microbiology, identification and control of pathogens, disease transmission, host resistance, and immunity. Upon completion, students should be able to demonstrate knowledge of microorganisms and the disease process, as well as aseptic and sterile techniques.

GENETICS *Prerequisite: 70% or higher in Biology*

This course will begin with an overview of DNA structure and function, and an investigation of exactly how genes work. Students will then examine epigenetics (how your environment and diet affect your genes), mutations and human genetic disorders, biotechnology, and pharmacogenomics (how your genes affect your response to drugs).

CREDIT FLEX OPTIONS

Credit Flex options are available also to students through EdOptions Academy. The following is a sample of available courses. Students should see their School counselor for more options.

AP BIOLOGY *Prerequisite: Application*

This course requires use of student-driven constructive approaches for concept development for 25 percent of the lessons and direct-instruction for the remaining course time. Lessons will incorporate multimedia-rich, interactive resources to engage students in the learning process. The course is designed to help students master abstract concepts and teaches them how to apply this to everyday life, as well as STEM-related professions.

EARTH & SPACE SCIENCE *Prerequisite: Application*

This course covers how basic physical sciences such as geology, biology, meteorology, oceanography, astronomy, botany and physics impact the earth. Students will learn how the earth and universe are structured.

FORENSIC SCIENCE II: MORE SECRETS OF THE DEAD *Prerequisite: Application*

This course focuses on the analysis of evidence and testing that take place within a crime laboratory. Topics include an examination of basic scientific principles and knowledge that guide the forensic laboratory process such as DNA, toxicology, and materials analysis. Techniques such as microscopy, chromatography, odontology, mineralogy, and spectroscopy will be covered.

LIFE SCIENCE *Prerequisite: Application*

This course provides unit studies based upon a central theme to provide students with a cohesive and connected learning experience. Topics covered will include scientific inquiry, cellular and chemical bases of life, classification and diversity of life, and genetics.

MEDICAL TERMINOLOGY *Prerequisite: Application*

This course helps students understand the structure and meaning of medical terms and identify medical terminology associated with various body systems. As the health care industry becomes more and more complex, developing expertise in accurately and efficiently identifying medical terms and their specific application is essential to a growing variety of health care careers.

VETERINARY SCIENCE: THE CARE OF ANIMALS *Prerequisite: Application*

This course examines some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only animals, but at times, humans as well. The prevention and treatment of diseases and health issues will be studied as related through veterinary science.

SOCIAL STUDIES

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
American History		10			Completion of World History	Year	1.0
Government			11		Completion of World History and Am. History	Year	1.0
Honors American History	9	10			Teacher Recommendation or Gifted Designation	Year	1.0
World History	9				None	Semester	0.5
Elective Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Civics	9	10			None	Semester	0.5
Global Issues I	9	10	11	12	None	Semester	0.5
Global Issues II		10	11	12	Global Issues I	Semester	0.5
Intro to Criminal Justice	9	10	11	12	None	Semester	0.5
Psychology		10	11	12	None	Semester	0.5
Sociology	9	10	11	12	None	Semester	0.5
Street Law	9	10			None	Semester	0.5
World Geography	9	10	11	12	None	Semester	0.5
AP Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
AP Government			11	12	80% or higher in English 10 and American History courses	Year	1.0
AP Psychology		10	11	12	80% or higher in current English class	Year	1.0
AP US History		10	11	12	80% or higher in World History or Government	Year	1.0

CORE COURSES

AMERICAN HISTORY *Prerequisites: Completion of World History*

This course presents American history in relation to important world events. Areas of study include, but are not limited to, the Industrial Revolution, Spanish-American War, WWI, the Great Depression, Prohibition, political extremism in Europe, WWII, the Cold War, the Korean War, the Civil Rights Movement, Vietnam, and the 9/11 terrorist attacks.

GOVERNMENT *Prerequisites: Completion of World History and American History*

This course is designed to provide students with an understanding of 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.

HONORS AMERICAN HISTORY *Prerequisite: Teacher Recommendation or Gifted Designation*

This course is designed for students of exceptionally high ability with an interest in United States history. This course will be taught at an accelerated pace and with greater rigor and depth than the general-level course. It is designed for students who have a high interest in understanding, analyzing, and critically thinking about historic events. In addition, students should demonstrate advanced and independent reading and writing skills, and be willing also to engage in critical discussions inside and outside the classroom. Through the State of Ohio College and Career Readiness Social Studies Standards in American History, students will learn about the political, economic, and social events of the course time period and understand how these perspectives and events came to pass and their meaning for today's citizens with particular emphasis on application, synthesis, and student relevancy.

WORLD HISTORY- *Prerequisites: None*

This World History course will explore the rivalry between the United States and the Soviet Union that was characterized by a fight between democracy and communism with a constant threat of nuclear war. The course will provide an introduction to key topics in the new, international history of the Cold War such as the roles of ideology and technology. Some topics will include causes, Berlin Airlift, the Marshal Plan, Korean War, Vietnam War, Cuban Revolution, space race, Gorbachev's policies and post-war outcomes. Students will work with both primary and secondary sources to develop projects and writings. The course will include economic and political systems and basic geography.

ELECTIVE COURSES

CIVICS *Prerequisite: None*

Civics can be expressed as a study in citizenship and government. This course will provide the student with a basic understanding of civic life, politics, and government. It will cover a short history of the foundation and development of government, what rights the American government guarantees its citizens, and a survey of the duties and responsibilities American citizens must exercise in order to maintain their government. It will introduce the workings of our own and other political systems, as well as the relationship of American politics and government to world affairs.

GLOBAL ISSUES I: Human Needs & Capacity *Prerequisite: None*

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include: food and water scarcity, air and energy crisis, carrying capacity and climate change. The course will offer global perspectives on the major challenges of modern times with hands-on activities, case studies that help develop critical thinking and problem solving, and projects that allow students to create positive solutions and take action.

GLOBAL ISSUES II: Human Security & Global Economy *Prerequisite: Global Issues I*

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include: governance, peace and conflict, human rights, economics and poverty. The course will offer global perspectives on the major challenges of modern times with hands-on activities, case studies that help develop critical thinking and problem solving, and projects that allow students to create positive solutions and take action.

INTRODUCTION TO CRIMINAL JUSTICE *Prerequisite: None*

This course is an introduction to the practices and institutions governments emplace to uphold social control, crime, and deterrence efforts. The course will examine the struggle to find a satisfying balance between freedom and security, and focuses on the crime picture in America and on the three traditional elements of the criminal justice system: police, courts, and corrections. What constitutes a crime? How do we explain crime? These, along with similar questions will

be discussed throughout the course.

PSYCHOLOGY *Prerequisite: None*

Psychology is the study of human behavior and mental processes. The origin of the field of psychology comes from biology, philosophy, and physiology. The fundamental questions of “Why do people behave the way they do in certain situations?” and “How can people change the behaviors?” will be addressed in this course. Students will gain an understanding of the science of psychology, including various topics ranging from the role of psychologists, psychological approaches, the brain, social psychology, abnormal psychology, the altered states of consciousness, and sensation and perception. This course is an introduction to Psychology and will be heavily project-based.

SOCIOLOGY *Prerequisite: None*

This course introduces the basic concepts, methods and findings of sociology as a scientific discipline. The sociological perspective, emphasizing social interaction and structure, is used to explore the following topics: culture, socialization, social groups, including organizations, deviance, various types of social inequality, major social institutions, collective behavior, social movement and social change.

STREET LAW *Prerequisite: None*

The purpose of this course is to provide an introduction into the United States legal system and how it works. This is not a course on how to be a lawyer, nor is any prior knowledge of the law necessary. The content will be presented in a practical format to allow students to gain the knowledge necessary to survive in our la-saturated society. Students will engage in the study of criminal, civil, contract, and family law in the classroom and in the community. The goal of this class is to provide students with a sense of belonging in society through the knowledge of the law. Street Law will hopefully allow young people to develop a positive attitude towards the law and the criminal justice system.

WORLD GEOGRAPHY *Prerequisite: None*

This course builds on students’ understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

AP CLASSES

AP US GOVERNMENT *Prerequisite: 80% or higher in American History and English 10 courses*

This course is designed to model a college freshman-level political science course. Topics covered include 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 will need to have internet access in order to complete lessons and assignments. Students will need high-level reading and writing skills. Students are expected to take the AP US Government and Politics Exam in May. Students must complete a summer assignment, which is due on the first day of the school year. Students enrolling in AP courses are required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student’s account.

AP PSYCHOLOGY *Prerequisite: 80% or higher in current English course*

AP Psychology is a weighted, yearlong, introductory level psychology course taught at the college level. Students can earn college credits after earning a minimum score on the AP exam, which varies according to the college or university. Students interested in obtaining college credits while in high school or students who are interested in majoring in psychology or another social science can benefit from taking the course. Topics covered in the AP Psychology course and exam include, research methods, history and approaches, biopsychology, sensation and perception, developmental psychology, disorders and treatments, and social psychology. Students enrolling in AP courses are required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

AP US HISTORY *Prerequisite: 80% or higher in World History or Government*

AP US History is designed to be the equivalent of a two-semester introductory college or university US history 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 employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Students enrolling in AP courses are required to take the AP exams, which are given in May on pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

CREDIT FLEX OPTIONS

These courses are offered through EdOptions Academy. Some of these courses may be relevant to students' chosen pathways. Students interested in more information about these courses, including prerequisites, should see their School counselor.

AFRICAN AMERICAN STUDIES *Prerequisite: None*

This semester-long course traces the experiences of Africans in the Americas from 1500 to the present day. Students will explore history, politics, and culture.

ANTHROPOLGY I *Prerequisite: None*

Anthropology uses a broad approach to give students an understanding of the past and future. It addresses also the problems humans face in biological, social and cultural life. In Anthropology I, students explore evolution, similarity and diversity of humankind through time. The course starts with how humans evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change.

ANTHROPOLOGY II *Prerequisite: None*

Students will continue the study of global cultures and the ways humans made sense of the world. It examines ways that cultures have understood and given meaning to the different stages of life and death. The course covers the creation of art within cultures and how cultures evolved over time. Students learn also to apply the concepts and insights from the study of anthropology to several cultures found in the world today.

ARCHEOLOGY: DETECTIVE OF THE PAST *Prerequisite: Application*

This course covers the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. The course covers also the relationship of material items to culture and what can be learned from these items about past societies.

ECONOMICS *Prerequisite: Application*

This course leverages diverse resources from the National Council on Economic Education in partnership with the National Association of Economic Educators, and the Foundation for Teaching Economics. Students will learn a basic understanding of the U.S. economy and its relationship to the world economy. The course covers also macro issues, such as government and the economy, and micro issues, such as entrepreneurship and consumer issues.

LAW & ORDER *Prerequisite: Application*

This course covers the creation and application of laws in various areas of society including consumer, criminal and family law issues.

NATIVE AMERICAN STUDIES: CONTEMPORARY PERSPECTIVES *Prerequisite: Application*

This course explores Native American worldviews, art, and media perspectives. Topics include contemporary perspectives and organizations, as well as a global perspective through the examination of issues faced by indigenous people throughout the world.

NATIVE AMERICAN STUDIES: HISTORICAL PERSPECTIVES *Prerequisite: Application*

This course provides a comprehensive understanding of the roots of Native American culture. Topics covered include an exploration of the Native American history in the arctic and subarctic regions of the U.S.

SOCIAL PROBLEMS I & II *Prerequisite: Application*

See your School counselor for a description of this course.

WORLD GEOGRAPHY *Prerequisite: Application*

This is a semester-long course. Semester A units begin with an overview of the physical world and the tools necessary to exploring it effectively. Subsequent units survey each continent and its physical characteristics by engaging students and encouraging them to develop a global perspective.

Foreign Language

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Spanish I	9	10	11	12	None	Year	1.0
Spanish II		10	11	12	Spanish I	Year	1.0
Spanish II Honors		10	11	12	80% or higher in Spanish I; passing score on entrance exam	Year	1.0
Spanish III			11	12	80% or higher in Spanish II; 70% or higher in Spanish II Honors	Year	1.0
AP Spanish IV				12	80% or higher in Spanish III	Year	1.0

SPANISH I *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. It is recommended that students enrolling in Spanish 1 have a C or better in their current English course.

SPANISH II *Prerequisite: Spanish I*

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 1 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 2 builds upon the knowledge gained in Spanish 1. Therefore, it is recommended that students enrolling in Spanish 2 have a C or better in Spanish 1.

SPANISH II HONORS *Prerequisite: 80% or higher in Spanish I, passage on entrance exam, or gifted designation*

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 test at a proficient or higher level on the year-end proficiency assessment in order to advance to the next language level.

SPANISH III *Prerequisite: 80% or higher in Spanish II*

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. Students must test at a proficient or higher level on the year-end proficiency assessment in order to advance to the next language level.

AP COURSES

AP SPANISH IV *Prerequisite: 80% 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 pre-determined dates established by the College Board. College credit is may be awarded for exam scores of 3, 4, or 5 on a 1-5 scale. The Groveport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

COLLEGE AND CAREER READINESS

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
COLS 1101	9	10	11	12	Admission to Columbus State; Qualifying Placement Score	Semester	0.33
EduCorps A/B		10	11	12	Successful completion of freshman CORE courses, application and teacher recommendation	Semester	0.5
Journey to College I			11		On-track for graduation	Semester	0.5
Journey to College II				12	Journey to College I	Semester	0.5
Work Study/Internship			11	12	CORE Courses and parental permission		0.5-3.0
Work-Based Learning			11	12	Juniors and Seniors	Year	1.0

COLS 1101 *Prerequisite: Admission to Columbus State; Placement Testing Score*

College Success Skills' students will develop the skills and resources necessary to be successful in personal, academic and career-related pursuits. The course expands upon the orientation to college resources, policies, and processes.

EDUCORPS A/B *Prerequisite: CORE Courses, Application and Recommendation*

EduCorps is available to sophomores, juniors, and seniors who have satisfactorily achieved the goals and objectives in entry-level English, math, science, or social studies courses. The course will provide the opportunity for students to have hands-on teaching experience by assisting in the classroom with instruction, and by modeling study strategies, test-taking skills, and student advocacy skills as instruction is unfolding. Through participation in EduCorps, the student intern has the opportunity to earn service learning hours and leadership credit. An application and recommendation from a teacher, counselor, or administrator is required to be accepted into the EduCorps Program.

JOURNEY TO COLLEGE I *Prerequisite: On-track for graduation **OFFERED 2ND SEMESTER ONLY***

This course is designed to prepare students to navigate all aspects of the college selection, and the admission process, as well as look at aspects of college life. Students will research information related to colleges and post-secondary options. Some of the tasks covered will be research methods of financing college and ACT/SAT registration and preparation. Students also will learn about college requirements and identify colleges that meet student’s needs. Students will develop and finalize a college list and develop a system for tracking applications components, scholarships, and deadlines. This course is intended for students interested in pursuing college and requires completion of a college and career research project.

JOURNEY TO COLLEGE II *Prerequisite: Journey to College I **OFFERED 1ST SEMESETER ONLY***

Students in this course will identify the post-secondary options and colleges that meet their needs, develop and finalize a college list, develop a system for tracking applications components. Students also will learn how to work through the application process. They will develop and refine application essays and learn how to request recommendation letters. Students also will learn how to pursue financial aid and develop and refine interview and presentation skills. Students will have assistance with the actual process of completing all aspects of their college application, with the ultimate goal of being accepted to college. This course is intended for students pursuing college.

WORK STUDY/INTERNSHIP *Prerequisite: CORE Courses, Application, and Parental Permission*

Students involved with the career pathways will have opportunities to gain real-world experience in fields of interest to them. Students are more likely to gain employment with paid and unpaid internships. These experiences will put them ahead of their peers who do not have prior job experience. This course allows students the opportunity to earn credit towards graduation.

WORK-BASED LEARNING (CBI) *Perquisite: Juniors and Seniors*

This course is designed to assist students with work-related skills and assist them in classrooms and work sites. Students will benefits include contextual learning, a goal-oriented basis for academic learning, an understanding of the world of work and work ethic, improved attendance, and a portfolio of skills directly related to their future employment.

VISUAL AND PERFORMING ARTS

Art Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Airbrushing I		10	11	12	70% or higher in Drawing, Foundations, or Painting	Semester	0.5
Airbrushing II		10	11	12	70% or higher in Airbrushing I	Semester	0.5
Art Foundations	9	10	11	12	None	Semester	0.5
Ceramics I	9	10	11	12	70% or higher in any beginning art class	Semester	1.0
Ceramics II		10	11	12	70% or higher in Ceramics I	Semester	1.0
Digital Photography	9	10	11	12	70% or higher in any beginning art class	Semester	0.5
Drawing I	9	10	11	12	None	Semester	0.5
Drawing II		10	11	12	70% or higher in Drawing I	Semester	0.5
Fashion Illustration and Design I	9	10	11	12	None	Semester	0.5
Fashion Illustration and Design II		10	11	12	70% or higher in Fashion Illustration and Design I	Semester	0.5
Intro to Computer Graphics		10	11	12	None	Semester	0.5
Intro to Sculpture	9	10	11	12	None	Semester	0.5

Jewelry I		10	11	12	70% or higher in any beginning art class	Semester	0.5
Jewelry II		10	11	12	70% or higher in Jewelry I	Semester	0.5
Painting I	9	10	11	12	None	Semester	0.5
Painting II		10	11	12	70% or higher in Painting I	Semester	0.5
Video Production	9	10	11	12	70% or higher in any beginning art class	Semester	0.5
AP 2D/3D Art			11	12	Teacher Recommendation	Year	1.0

ART COURSES

AIRBRUSHING I *Prerequisite: 70% or higher in Drawing I or Painting I*

This course will investigate the various techniques of airbrushing, both on paper and on fabrics. Students will learn various exercises to control atomization, masking areas using frisket, creating stencils and 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 *Prerequisite: 70% or higher in Airbrushing I*

This course is devoted to the continued, rigorous, and advanced study of airbrushing. Students participate in individualized critiques of their own work through journaling/sketchbook, and to show evidence of completed special projects. Course may be repeated for credit.

ART FOUNDATIONS *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.

CERAMICS I *Prerequisite: 70% or higher in Art Foundations*

Original objects (primary pottery and sculpture) are created with clay using hand building, casting, wheel forming, and glazing techniques. Objects created by professional ceramists are examined for their expressive, formal, and technical qualities.

CERAMICS II *Prerequisite: Ceramics I*

Continuing to build skill within the craft through original objects (primary pottery and sculpture) are created with clay using hand building, casting, wheel forming, and glazing techniques. Objects created by professional ceramists are examined for their expressive, formal, and technical qualities.

DIGITAL PHOTOGRAPHY *Prerequisite: 70% or higher in Intro to Computer Graphics*

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

DRAWING I *Prerequisite: 70% or higher in Art Foundations*

Students will learn basic techniques and media of drawing, including perspective, proportion, composition, and tonal values using pencil, charcoal, pastels, marker and 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 the principles of design in original compositions. Artwork from history is examined and analyzed.

DRAWING II *Prerequisite: 70% or higher in Drawing I*

This course is devoted to the continued, rigorous and advanced study of drawing. Students participate in individualized critiques of their own work through journaling/sketchbook and show evidence of completed special projects. Course may be repeated for credit.

FASHION ILLUSTRATION AND DESIGN I *Prerequisite: 70% or higher in Art Foundations*

This course focuses on drawing the natural human figure and its interpretation into the stylized fashion figure. The student will gain an understanding of fashion art by developing their own creative approach to fashion illustration. Students will learn to explore and experiment with personal interpretations of designs for various garments and accessories. Students also will explore different materials and textiles that are used in the fashion industry for men, women, teens, and children.

FASHION ILLUSTRATION AND DESIGN II *Prerequisite: 70% or higher in Fashion Illustration and Design I*

This course is devoted to the continued, rigorous, and advanced study of Fashion Illustration and Design. Course may be repeated for credit.

INTRO TO COMPUTER GRAPHICS *Prerequisite: 70% or higher in Art Foundations or Business Foundations*

Computer software is used as 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.

INTRO TO SCULPTURE *Prerequisite: None*

This is an introductory studio course for students who are interested in exploring 3-Dimensional artwork and media. Students will focus their understandings of the Elements of Art and Principles of Design investigating solutions to 3-dimensional problems. Students will be using a variety of materials: clay, paper mache, assemblage, etc. The work of historical and contemporary artists will be studied and analyzed to inform decision-making as part of the coursework.

JEWELRY I *Prerequisite: 70% or higher in a beginning art course*

Basic techniques of jewelry fabrications are introduced in this course including sawing, piercing, filing, sanding, soldering, and finishing base metals such as brass and copper. Attention to detail and craftsmanship are emphasized.

JEWELRY II *Prerequisite: 70% or higher in Jewelry I*

Continue personal exploration of base metals with introduction to use of sterling silver. Stone setting, chain making, and further investigation of mixed media pieces will be created in this course. Advanced students will create a themed body of work for a final portfolio. Course may be repeated for credit.

PAINTING I *Prerequisite: 70% or higher in Art Foundations*

This course is devoted to the development of painting skills to challenge the student's creative potential. Various painting media such as watercolor, acrylic, and dyes 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 *Prerequisite: 70% or higher in Painting I*

This course is devoted to the continued, rigorous, and advanced study of painting. Students participate in individualized critiques of their own work through journaling/sketchbook, and show evidence of completed special projects. Course may be repeated for credit.

VIDEO PRODUCTION *Prerequisite: 70% or higher in Intro to Computer Graphics*

Introductory class designed to provide students with 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.

THEATRE COURSES

Theatre Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Advanced Technical Theatre		10	11	12	70% or higher in Lighting and Sound Design or Stagecraft	Semester	0.5
Business of Theatre		10	11	12	70% or higher in Theatre I or Stagecraft	Semester	0.5
Lighting and Sound Design	9	10	11	12	70% or higher in Theatre I or Stagecraft	Semester	0.5
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	70% or higher in Theater I	Semester	0.5
Theatre IV		10	11	12	70% or higher in Theater III	Semester	0.5

ADVANCED TECHNICAL THEATRE *Prerequisite: 70% or higher in Lighting and Sound Design or Stagecraft*

The purpose of this class is to expand upon the base knowledge established in the first tech classes. This will cover in-depth theories and there will be an emphasis on project-based learning. The final project will be to design both lighting and sound for one of the Cruiser Theatre Company productions that takes place during the semester that the class is offered. Course may be repeated for credit.

BUSINESS OF THEATRE *Prerequisite: 70% in Theatre I or Stagecraft*

This class is an in-depth investigation into what it takes to run a theatre. This class places an enormous emphasis on learning by doing, with students completing practical projects for every topic covered. By the time students complete the course, they will have a portfolio that consists of a budget for a single show, multiple ads, a marketing plan for a show, and a five-year plan for an educational theatre. The class will culminate in students creating a theatre completely from scratch.

LIGHTING AND SOUND DESIGN *Prerequisite: 70% or higher in Theatre I or Stagecraft*

The purpose of this class is to cover 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, the class will cover breaking the stage into sections to design plots and light sketches. It will cover also old and current instrumentation so students can leave with an understanding of where technology has come from and where it is going, and how to hang an instrument.

STAGECRAFT *Prerequisite: None*

This course will cover the fundamentals of every aspect of technical theatre. Students will learn the basics of scenic design and construction, costume design, prop design, stage makeup, and a brief overview of lighting and sound design for the theatre. In addition, students will learn how to use some tools and may be asked to help build and/or paint scenery, props, etc. for the Cruiser Theatre Company's productions, depending on the needs of the shows selected for the 2019-2020 season.

THEATRE I *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 theatre, play analysis, scriptwriting, play production, and musical theatre. Students are expected to perform in class on a regular basis, with an emphasis on performance.

THEATRE II *Prerequisite: 70% or better in Theatre 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 Theatre I and expand upon it by studying plays more in-depth. Students also will be introduced to new topics such as the history of theatre, members of the production team, and long form improvisation.

THEATRE IV *Prerequisite: 70% or better in Theatre III*

This course will serve as an audition rep class, preparing for auditions at the college level. Students will memorize both contemporary and classical monologues, and develop the ability to choose strong audition pieces. Students will perform in-depth analysis of advanced plays, intense Shakespeare units, and in-depth directing opportunities. The course may be repeated for credit. Offered in A years.

MUSIC COURSES

Music Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Color Guard**	9	10	11	12	Audition	Semester	.25
Concert Choir	9	10	11	12	None	Year	1.0
Concert Band/Marching Band I	9				Audition	Year	1.0
Concert Band/Marching Band II		10	11	12	Audition	Year	1.0
Concert Band	9	10	11	12	Audition	Year	1.0
Divisi		10	11	12	Audition, Director recommendation & concurrently enrolled in another choir	Year	1.0
Jazz Band	9	10	11	12	Audition and enrolled in Concert Band concurrently	Year	1.0
Men's Chorus	9	10	11	12	Meeting with Director and Director recommendation	Year	1.0
Music Theory	9	10	11	12	Vocal or Instrumental Music participation	Year	1.0
Percussion Studies	9	10	11	12	Audition and enrolled in Concert Band concurrently	Year	1.0
Symphonic Choir		10	11	12	Audition & Director recommendation	Year	1.0
Women's Chorus	9	10	11	12	Meeting with Director and Director recommendation	Year	1.0
AP Music Theory			11	12	Music Theory and/or Music Fundamentals	Year	1.0

COLOR GUARD *Prerequisite: Audition* **OFFERED 1ST SEMESTER ONLY**

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.

CONCERT CHOIR *Prerequisite: None*

This is a class primarily for beginning singers who enjoy singing and choose to strive for excellence in future choral participation. In addition to ensemble singing, students will be taught basic vocal techniques, tone productions, and music literacy skills. The group may be a treble (SA) choir or mixed choir (SAB), depending on enrollment. 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 several concerts and after-school rehearsals is required.**

MARCHING BAND / CONCERT BAND I *Prerequisite: Audition*

Concert Band I is a yearlong course that is open to all qualified students in grade 9. All students must participate in marching band. Members of the Concert Band will receive one (1) credit, while those who participate in marching band for two years will, in addition receive their PE credit. Attendance at all curricular and co-curricular rehearsals and performances is required. Summer rehearsals and band camp are required of all marching band students. Small ensemble and/or solo participation in the OMEA Solo and Ensemble contest are strongly recommended. The marching band performs at all football games, contests, community events, and other various events scheduled by the Director. An audition involving scales, solo playing, and sight-reading is required.

MARCHING BAND / CONCERT BAND II *Prerequisite: Audition*

Concert Band II is a yearlong course that is open to all qualified students in grades 10-12 and is combined with the Symphonic Band to form the marching band in the fall. All students must participate in marching band. Members of the Concert/Symphonic Band will receive one (1) credit, while those who participate in marching band for two years will, in addition receive their PE credit. Attendance at all curricular and co-curricular rehearsals and performances is required. Summer rehearsals and band camp are required of all marching band students. Small ensemble and/or solo participation in

the OMEA Solo and Ensemble contest are strongly recommended, for Symphonic Band members Solo and Ensemble is required. The marching band performs at all football games and other various events scheduled by the Director. An audition involving scales, solo playing, and sight-reading is required.

CONCERT BAND *Prerequisite: Audition*

This class is a yearlong course for non-marching band members that have an exemption from marching band, which is approved by the Director and his/her committee. Students will be combined with Concert Band II at the conclusion of marching band season. 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. An audition involving scales, solo playing, and sight-reading is required.

DIVISI *Prerequisite: Audition; Director's recommendation and must be enrolled in another choir concurrently*

This small select ensemble course is designed 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, after-school rehearsals and OMEA adjudicated events is required.***

JAZZ BAND *Prerequisite: Audition; must be enrolled in symphonic or concert band concurrently*

Jazz Band is a yearlong course for musicians with little or no jazz experience. Instrumentation consists of alto, tenor baritone saxophone, trumpet, tuba, electric bass, electric guitar, drums and keyboards. 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. An audition involving scales, solo playing, and sight-reading is required.

MEN'S CHORUS *Prerequisite: Meeting with Director & Director's recommendation*

A variety of choral works for men's voices will be rehearsed throughout the year and performed at several concerts. Students will increase the maturity and flexibility of the voice through a broader range of experience. Music will range from traditional, to barbershop, to spirituals, and to pop. ***Previous singing experience is recommended but not required. Participation in several concerts, after-school rehearsals and OMEA adjudicated events is required.***

MUSIC THEORY *Prerequisite: Vocal or instrumental music participation*

The study of the principles of music, including rudiments, harmony, counterpoint, form and analysis, orchestration and skills such as sight singing, ear training, conducting and composing.

PERCUSSION STUDIES *Prerequisite: Audition; must be enrolled in symphonic or concert band concurrently*

This class is a yearlong course to provide percussionists with in-depth, learning opportunities and to make each student a well-rounded percussionist. Students will study a wide variety of percussion instruments, their application to appropriate musical styles, and techniques for proper performance. Attendance at all curricular and co-curricular rehearsals and performances is required. An audition involving scales, solo playing, and sight-reading is required.

SYMPHONIC CHOIR *Prerequisite: Audition; Director's recommendation*

This select, advanced level choir is open to those 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. A prime goal of this group is to develop vocal skills allowing the students to learn greater variety of literature and perform more frequently. ***Previous singing experience is strongly recommended but not required. Participation in several concerts, after-school rehearsals and OMEA adjudicated events is required.***

WOMEN'S CHORUS *Prerequisite: Meeting with Director and Director's recommendation*

A variety of choral works for women's voices will be rehearsed throughout the year and performed at several concerts. Students will increase the maturity and flexibility of the voice through a broader range of experience. Music will range from traditional, to spirituals, and to pop. ***Previous singing experience is recommended but not required. Participation in several concerts, after-school rehearsals and OMEA adjudicated events is required.***

AP COURSES

AP MUSIC THEORY

Prerequisite: Must either pass a Music Fundamentals test, or have previously taken Music Theory.

This college course is designed to develop students' ability to recognize, understand and describe materials and processes of music that is heard or presented in a variety of music scores. Students will be required to perform written and aural tasks, including singing. Major topics for this course include: Musical terminology, notational skills, basic compositional skills, score analysis, melodic organization and developmental procedures, rhythmic/metric organization, texture, and aural skills. Students will be required to take the AP Music Theory Exam. 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 pre-determined 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 Grovesport Madison Schools Board of Education will pay for an exam fee if a student maintains a C or better average in the first three quarters, and the student receives a score of 3, 4, or 5 on their exam. If a student is eligible for testing by maintaining at least a C average, but does not receive a score of 3, 4, or 5, a charge equal to the exam fee will be added to the student's account.

CREDIT FLEX OPTIONS

These courses are offered through EdOptions Academy. Some of these courses may be relevant to students' chosen pathways. Students interested in more information about these courses, including prerequisites, should see their School counselor.

ART HISTORY & APPRECIATION

This course explores the main concepts of art, expression and creativity. Students explore how art and creativity are defined. Essential design principles are covered such as emphasis, balance and unity. Units include lessons on art, history, culture, western and world art appreciation and art in the modern world.

HEALTH AND PHYSICAL EDUCATION

Core Courses	Gr.	Gr.	Gr.	Gr.	Prerequisite	Length	Credit
Health		10	11	12	None	Semester	0.5
Fitness		10	11	12	None	Semester	0.25
Physical Education		10	11	12	None	Semester	0.25

HEALTH

Prerequisite: None

This course includes the topics of Tobacco, Alcohol, 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 nutrition.

FITNESS

Prerequisite: None

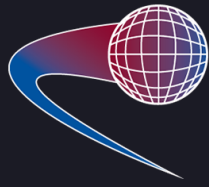
This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used in obtaining optimal physical fitness. Students will create a fitness plan to improve or maintain their fitness. Students will benefit from weight training, muscular endurance training and cardiovascular endurance activities. Students will learn the fundamentals of strength training, aerobic training, and muscular endurance training. Students will be encouraged to make wise choices and develop positive behaviors for a lifetime.

PHYSICAL EDUCATION

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, or crocs will be allowed.*



Eastland-Fairfield Career & Technical Schools

EXPLORE THE POSSIBILITIES.

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Agricultural & Environmental Systems

- Animal Management (FCC)
- Environmental Science (New Albany High School)
- Landscape Design & Management (ECC)

Arts & Communication

- Graphic Design (ECC)
- Performing Arts
(Reynoldsburg H.S. - Livingston Campus)

Finance/Business & Administrative Services/Marketing

- Marketing & Logistics Management
(Groveport Madison High School)
- Medical Office Technologies (ECC)

Construction Technologies

- Architecture/Construction Management
(Gahanna Lincoln H.S. - Clark Hall)
- Construction Technologies (FCC)
- Electrical Technology (ECC)
- Heating, Ventilation, Air Conditioning & Refrigeration (FCC)

Education & Training

- Teaching Professions
(Gahanna Lincoln H.S. - Clark Hall)

Health Science

- Bioscience Technologies
(Gahanna Lincoln H.S. - Clark Hall)
- Dental Assisting (ECC & FCC)
- Exercise Science (FCC)
- Pharmacy Technician (FCC)
- Pre-Nursing (FCC)

Hospitality & Tourism

- Culinary Arts Academy (ECC)

Human Services

- Cosmetology (ECC & FCC)
- Employability Prep (Offsite)
- Nail Technician (FCC) (Senior Only)
- Project SEARCH (Offsite)

Information Technology

- Cyber Security (FCC)
- Interactive Media (ECC)
- Multimedia (Pickerington High School North)
- Programming & Software Development (ECC)

Law & Public Safety

- Criminal Justice (ECC & FCC)

Manufacturing Technologies

- Pre-Engineering Technologies (ECC)
- Welding (ECC)

Transportation Systems

- Ag/Heavy Equipment Technologies (ECC)
- Auto Technology (ECC & FCC)
- Collision Repair Technology (ECC)

Locations:

- (ECC)—Eastland Career Center, Groveport
- (FCC)—Fairfield Career Center, Carroll

OUR FOCUS. YOUR FUTURE.



www.eastland-fairfield.com

614-836-4530

EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS

Eastland-Fairfield Career & Technical School District programs are open to all eleventh and twelfth grade students within our district who demonstrate the ability and interest to attend.

Students remain enrolled in and still graduate from this school and are encouraged to continue participation in our high school extracurricular activities.

With programs on two campuses and five satellite locations, Eastland-Fairfield is closer than you think. Satellite programs are offered at Gahanna, Groveport Madison, New Albany, Pickerington North, and Reynoldsburg High Schools.

CONNECTING ACADEMICS TO REAL-WORLD SUCCESS

Eastland-Fairfield Career & Technical Schools allows students to immerse themselves in a career field or profession, spending a half-day with hands-on learning and gaining real-world experience. Classrooms and labs are equipped with the latest technology. Students learn from teachers who are seasoned professionals in their career field. Combine that with top-notch academics, and you have what employers call added value.

FAST TRACK TO A SATISFYING CAREER

The Eastland-Fairfield learning environment extends far beyond the classroom. Internships, job shadowing, community service, field trips, guest speakers, and cooperative education all provide valuable experience, connections, and practice in using technical and people skills.

JUMP START ON COLLEGE AND SAVING MONEY

Not only do Eastland-Fairfield programs prepare students for further study, but many also allow students to earn college credit or enter college with advanced standing. Students can earn college credits in selected programs, graduating with a college transcript that can be taken nearly anywhere!

PROGRAMS LOCATED AT GROVEPORT MADISON HIGH SCHOOL

Marketing & Logistics Management

Plan on owning your own business? Have an interest in promoting and selling? Like to know how things work behind the scenes? The Marketing & Logistics Management program may be for you!

This program is designed for enterprising students who are creative and like to work with people. Students enrolled in this program will put theory into practice as they take on the challenge of operating a school store. From writing a marketing plan to deciding which products will be offered, students will play an integral role in the start-up and day-to-day operation of this entrepreneurial venture.

This program provides an understanding of marketing fundamentals and its relationship to logistics.

Areas of study include:

4 "P"s of marketing	advertising
customer service	distribution channels
eMarketing	forecasting
global competition	market strategy
materials handling	purchasing



Course Planning Sheet

Core Academic Courses

Additional Courses

Subject Credits required		English 4	Math 4	Science 3	Social Studies 3	Electives	Electives	Electives	Electives
		Write the name of the course you plan to take in each subject area for each school year. The majority of these courses are year-long, full credit courses.							
1 Course per year 9-12		1 Course per year 9-12	1 Course per year 9-12	4th year additional science or other elective	4th year additional social studies or other elective	Must include: 2 PE, 1 Health and 2 Art semesters	Include 6-8 Career focused Pathway Electives	Include 2+ years of foreign language for college bound students	11th and 12th graders can select additional electives or leave blank for lunch period. 7th - 10th graders must have a lunch period
Middle School									
7th Grade									
8th Grade									
High School									
9th Grade									
Semester A									
Semester B									
10th Grade									
Semester A									
Semester B									
11th Grade									
Semester A									
Semester B									
12th Grade									
Semester A									
Semester B									

* Students participating in District approved activities, cheerleading, marching band and athletics, may be eligible for PE waivers. For more information students should contact their school counselor.