

**2023-2024**  
**MONROEVILLE HIGH SCHOOL**  
**Course Guide**



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## *A Message from Guidance...*

Continued growth in education is necessary to keep up with the changing job market. This booklet represents the combined efforts of Monroeville's teachers, counselor and administrators. This guide will be used to select a college and/or career readiness path during high school.

High school is a stepping stone towards the future. Participation in school and community activities creates well-rounded individuals. The first step in the process is to register for courses that will lead toward a career goal and to participate in activities that match a student's interests and skills. The course offerings contained in this guide are a direct reflection of the emphasis placed by the State of Ohio on having college and career-ready graduates. The pages that are listed in this guide are course descriptions, fees, prerequisites, and pathways to assist students in college and career goals.

It is our sincere hope that students and parents will find this comprehensive approach to high school and career planning helpful. If you have any questions related to scheduling and/or career planning, please contact the guidance office at 419-465-2531 x1304 or email me at [jsieger@monroevilleschools.org](mailto:jsieger@monroevilleschools.org).

Jennifer Harvey - School Counselor

# **Monroeville High School**

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[www.monroevilleschools.org](http://www.monroevilleschools.org)

## **GRADUATION REQUIREMENTS**

Students in the classes of 2023 and beyond must meet new requirements for graduation. These changes can be found on the next two pages, but the following is a brief summary as per the Ohio Department of Education: Students will **complete their required courses** and **take the required state tests**. Students will now **demonstrate competency** in the foundational areas of English language arts and mathematics or through alternative options, including College Credit Plus, career-focused activities or military enlistment. Students also will **demonstrate readiness** for their post-high school paths by earning two diploma seals that allow them to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, social and emotional competencies, and leadership and reasoning skills. These important sets of knowledge, skills and dispositions are necessary for high school graduates to be successful in the workplace, college, the military or other self-sustaining professions.

### **ADDITIONALLY - SERVICE LEARNING REQUIREMENT**

Monroeville Local Schools has implemented a service learning requirement for all of its students. Students are required to obtain 40 hours of service learning to graduate. Due to the complications of the COVID-19 pandemic, Monroeville Local Schools has amended the service learning requirement for the class of 2024 down to a total of 30 hours. Classes of 2025 and beyond revert back to the 40-hour requirement.



# Ohio's High School Graduation Requirements

## Classes of 2023 and Beyond



It's Your **Future.** Get **Ready.**

**Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.**

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

### First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

#### Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

### Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

**Is testing not your strength?** After you have taken your tests, there are three additional ways to show competency!

#### Option 1.

##### Demonstrate Two Career-Focused Activities\*:

###### Foundational

- Proficient scores on WebXams
- A 12-point industry credential
- A pre-apprenticeship or acceptance into an approved apprenticeship program

###### Supporting

- Work-based learning
- Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

\*At least one of the two must be a Foundational skill

#### Option 2.

##### Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

#### Option 3.

##### Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

### **Third, show readiness**

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

**At least one of the two must be Ohio-designed:**

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine and Performing Arts Seal (Local)
- Student Engagement Seal (Local)

**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation)



## COLLEGE PATHWAYS

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English 9	English 10	English 11 OR <b>WRIT 1110 (3) Seminar in Academic Writing OR WRIT 1120 (3) Research in Academic Writing (3)</b>	English 12 OR <b>WRIT 1110 (3) Sem. in Acad. Writing OR WRIT 1120 (3) Res. in Academic Writing OR if WRIT classes were taken ENG 1500 Response to Literature (3)</b>
Algebra I OR Geometry	Geometry OR Alg II	Algebra II OR Trig. OR Calculus, <b>MATH 1210 or Int to Stats 1150 (3)</b>	Trig., OR Calc. if <b>MATH 1210</b> has been taken <b>Int to Stats 1150 (3)</b>
Biology OR Physical Science	Physical Science OR Biology OR Chemistry	Chemistry and Anatomy OR <b>CHEM 1100 &amp; 1090 (4) OR BIO 2050 (5)</b>	Physics OR <b>CHEM 1100 &amp; 1090 (4) OR BIO 2050 (5)</b>
Foreign Language @ MHS	Foreign Language @ MHS	Foreign Language @ MHS (2 yrs are required for college admission in Ohio Public University, Must check requirements for Private Universities) or 3 yrs are required for an Honors Diploma. <b>SPAN 2010 – Intermediate Spanish I (3) OR FRENCH 2010 – Intermediate French I (3)</b>	Foreign Language @ MHS OR <b>Span 2010 – Intermediate Spanish I (3) OR French 2010 – Intermediate French I (3) OR SPAN 2020 – Intermediate Spanish II (3) OR FRENCH 2020 – Intermediate French II (3)</b>
World History	American History OR <b>Early American History 2050 (3)</b>	Gov't and Econ. OR <b>POLS 1100 – American Government: Processes and Structure (3) OR Early American History 2050 (3) AND ECON 2000</b>	<b>HIST2050 (3) OR PSYCH 1010 – Prin of Psychology (4) / SOC 1010 – Intro to Sociology (3)</b>
ELECTIVES: PE and Health Literacy, Art, Music OR <b>Humanities in Theatre, Music, or a Public Speaking course COMM 1020 (3) ART 1010 – Intro ART (3) OR Career Planning UNIV 1290 (1)</b>	ELECTIVES: PE and Financial Literacy, Music, Art, Music OR <b>Humanities in Theatre, Music, or a Public speaking course COMM 1020 (3) ART 1010 – Intro ART (3) OR Career Planning UNIV 1290 (1)</b>	ELECTIVES: All other electives that the student qualifies for at BGSU that apply toward intended college major Recommended: <b>ETHN 1010 – Ethnic Studies (3), HUM 1010 – Intro to Humanities (3)</b>	ELECTIVES: All other electives that the student qualifies for in CCP that apply toward intended college major Recommended: <b>PHIL 1010 – Intro to Philosophy (3), PHIL 1020 – Intro to Ethics (3)</b>

### 15 Credit Pathway

<u>Course</u>	<u>Credits</u>
Psychology 1010	4
Sociology 1010	3
Writing – WRIT 1110	3
Writing – WRIT 1120	3
Intro to Stats – Stats1150	3

### 30 Credit Pathway

<u>Course</u>	<u>Credits</u>
Psychology 1010	4
Sociology 1010	3
Writing – WRIT1110	3
Writing – WRIT 1120	3
Coll. Chemistry	4
Early Am. History 2050	3
Intro to Stats – Stats1150	3
Coll. Algebra – Math 1210	3
CCP Core Electives	4
Intro to Music 1250	3
Intro to Business	3
Personal Finance	3

## COURSE SCHEDULING

Students who elect to take their classes at Monroeville High School may choose from nearly 60 courses offered by licensed teachers. In addition to the basic state mandated core curriculum of English, mathematics, science, social studies, health, physical education, technology and fine arts, students, in consultation with their parents/guardians and school counselor, can choose additional electives in the academic areas, as well as in art, agriculture, construction, STEM, Spanish, work and family life, and music. All students are encouraged to advance to the highest level of coursework within their capabilities. MHS staff and administration value education and we expect our students to do the same.

To meet the special needs of all Monroeville High School students, several alternative classes and programs are in place. For students who need help mastering the skills needed to pass state-mandated testing, remediation classes are available. Monroeville students who desire a more challenging curriculum can elect to take college level coursework. For students who qualify for College Credit Plus classes this is an excellent bridge between high school and college.

MHS is excited to offer a work study program to meet the needs of our students who wish to participate in an internship, employment or just explore business and industry as they embark on their next chapter in life after graduation. This Full Year program is designed to connect students with experiences that are conducted at a work site during or after school. The purpose is to provide an authentic, hands-on learning experience that link academics to professional and technical skills - all while earning high school credit.

Monroeville High School has added additional options for students who wish to stay at MHS and prepare for a career. **Industry-recognized credentials** are an innovative approach to truly recognize and account for a student's hard work in becoming career ready. Possessing an industry-recognized credential not only helps a student prove competency and capability in a given field, but also demonstrates to the community and employers that the student is knowledgeable, properly trained and equipped to carry out his or her duties. For many students, earning an industry-recognized credential can be an important step toward qualifying for high school graduation.

Finally, students who wish to focus on specific career skills can take advantage of EHOVE's vocational and tech prep programs.

## COURSE/GENERAL FEES

### Class Placement

Sophomore Status: 5 credits

Junior Status: 10 credits

Senior Status: 15 credits

### Student Fees

Activity Fee: \$10.00 (All students)

General Course Fees: \$28 (All students)

Technology Fee: \$10.00 (All students)

\*Fees in place for non-general courses are listed next to in the course description

**Class Dues:** 9<sup>th</sup> Gr - \$4, 10<sup>th</sup> Gr - \$5, 11<sup>th</sup> Gr - \$6, 12<sup>th</sup> Gr - \$10

## COLLEGE CREDIT PLUS

College-level courses are available on-line. A student is eligible for the "College Credit Plus" program if the student meets any of the following criteria: (1) (a) Obtains a remediation-free score on one of the standard assessment exams (ACT, SAT, Accuplacer) as set forth in paragraph (D)(2) of rule [3333-1-65.3](#) of the Administrative Code; or (b) Has a cumulative unweighted high school grade point average of at least 3.00; or (c) Has a cumulative unweighted high school grade point average of at least 2.75 but less than 3.00 and received an "A" or "B" grade in a relevant high school course. (2) If a student is seeking to participate under section [3365.033](#) of the Revised Code and a cumulative unweighted high school grade point average is not available to determine eligibility under paragraph (A)(1)(b) or (A)(1)(c) of this rule, the student is eligible if the student has received an "A" or "B" grade in a relevant high school course.

*The sole determiner of the amount of credit granted to a student is the college or university to which his or her results are sent. In these classes, the teacher serves as discussion leader, critic, and scholar, helping the members of the class assume much of the responsibility for their own learning. Students are required to show college level work in order to receive college credit.*

Teachers who teach a College Credit Plus course in a high school must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus—even courses offered in the high school—must be the same course that the college offers. The course must apply to a degree or professional certificate. Ohio needs more students who graduate college and career ready. College Credit Plus increases access for students who have not taken full advantage of the opportunity to earn college credits while in high school. The student is enrolled in both high school and college and can attend the class in any setting arranged by the college. There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college or University share the cost for the course. Students choosing to enroll in a participating private college or university might incur costs.

## **CREDIT FLEXIBILITY**

The Monroeville Local Schools Board of Education has adopted a policy for awarding students credit through a plan known as Credit Flexibility. The plan allows students to earn credit for courses through any of the following methods or combination thereof: completion of coursework; testing out or otherwise demonstrating mastery of course content; or pursuit of educational options, including distance learning, educational travel, independent study, internship, music, arts, after school program, community service or engagement project, or sports. Students must follow the guidelines set forth in the *Monroeville Local Schools Credit Flexibility Handbook*.

## **DAILY CLASS LOAD**

The administration is directed by the Board of Education to maximize the education provided to each student for the time spent within the limitations of school facilities (B.P.

8220). Therefore, all students are expected to carry a full schedule of classes unless otherwise authorized by the principal or IEP Team.

## **GRADE POINT AVERAGE**

The accumulative GPA is maintained for each student for grades 9-12 including Junior High students taking high school courses.

## **GRADING POLICY**

Monroeville High School is on 4.0 grading system. The 4.0 scale is weighted to accommodate the college credit plus classes. Grades are reported to parents and students four times per year using a letter grade derived from the scale. Interim reports are sent out between each grading period. Additional interim reports are sent out to the parents prior to the failing of a quarter or when the student is performing significantly below ability if the first report did not cover this drop in academics. The weighting and grading scale are as follows:

<b>Grade</b>	<b>Un-Weighted Range</b>	<b>*Weighted Range</b>
A	4.00	5.00
A-	3.63	4.63
B+	3.37	4.37
B	3.00	4.00
B-	2.63	3.63
C+	2.37	3.37
C	2.00	3.00
C-	1.63	2.63
D+	1.37	2.33
D	1.00	2.00
D-	0.63	1.63
F	0.00	0.00

## **GRADING SCALE**

A	100% - 92%	D+	69.99% - 68%
A-	91.99% - 90%	D	67.99% - 62%
B+	89.99% - 88%	D-	61.99% - 60%
B	87.99% - 82%	F	Below 60%
B-	81.99% - 80%		
C+	79.99% - 78%		
C	77.99% - 72%		
C-	71.99% - 70%		

## **ATHLETIC ELIGIBILITY**

Athletic eligibility is determined by guidelines set forth by the Ohio High School Athletic Association. Eligibility for each athletic season is determined by the grades received the preceding grading period. Semester average and yearly average have no effect on eligibility. The following are the by-laws as written by the OHSAA.

**Grades 9-12:** To be eligible, a student-athlete must have received passing grades in a minimum of **five** on-credit courses, or the equivalent, in the immediately preceding grading period. (**Note:** Students taking College Credit Plus courses must comply with these standards along with those participating via state law that permits home educated and non-public school students to participate at the public schools in the district of the residence of the parents.)

**Grades 7-8:** To be eligible, a student-athlete must have received passing grades in a minimum of five of all subjects in which enrolled the immediately preceding grading period. Students must also comply who are participating via state law that permits home educated and non-public school students to participate at the public schools in the district of the residence of the parents.

Additionally, Monroeville Schools also require that a student have attained a minimum grade point average of 1.5 the immediately preceding grading period and a maximum of 1 F in order to be athletically eligible.

For eligibility, summer school grades may not be used to substitute for failing grades received in the final grading period of the regular school year or for lack of enough courses taken the preceding grading period.

## **GRADUATION ACADEMIC ACHIEVEMENT RECOGNITION**

In an attempt to encourage students to take academically more challenging high school courses, a weighted grading system is used at the high school to determine student grade point averages, honor roll students, academic awards, academic recognition, transcripts and class ranking. Recognition of graduating seniors is as follows:

- a. Summa Cum Laude: GPA of 4.0 or higher
- b. Magna Cum Laude: GPA of 3.80 to 3.99
- c. Cum Laude: GPA of 3.60 to 3.79

\* All 3 groups will be designated in the graduation program.

## **STUDENT ACADEMIC LETTER**

Students that earn a minimum 3.5 GPA over three consecutive grading periods (per school year) are eligible to receive an academic letter.

## **HONORS DIPLOMA**

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:

- 1) four units of mathematics that include algebra I, geometry, algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content.
- 2) four units including 2 units of advanced science
- 3) four units of social studies
- 4) either three units of one foreign language or no less than two units each of two foreign languages
- 5) one unit of fine arts
- 6) maintain an overall high school grade point average of at least 3.5 on a 4.0 pt scale
- 7) obtain a composite score of 27 on the ACT tests or a composite score of 1280 on the SAT.

The student who completes an ***intensive career-technical education curriculum*** in the high school must meet ***all but one*** of the following criteria:

- 1) four units of mathematics that include algebra I, geometry, algebra II (or equivalent) and one other higher level course or 4 course sequence that contains equivalent or higher content.
- 2) four units including 2 units of advanced science
- 3) four units of social studies
- 4) two units of one world language
- 5) four units of career-technical courses
- 6) maintain an overall high school grade point average of at least a 3.5 on a 4.0 pt scale
- 7) obtain a composite score of 27 on the ACT or a composite score of 1280 on the SAT/WorkKeys: 6 or higher on Reading for Information and 6 or higher on Applied Math
- 8) Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
- 9) Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.
- 10) Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.

Additionally, Honors Diplomas can be earned in STEM, Arts, International Baccalaureate, and Social Science and Civic Engagement. Please see the school guidance counselor for the requirements to earning these Honors Diplomas.

## **SPECIAL RECOGNITION**

Monroeville High School will recognize students who qualify for a Diploma with Honors, National Merit Scholar, and other academic distinctions. Criteria for these honors and others are available from the School Counselor.

## **SERVICE LEARNING REQUIREMENT**

In keeping with the Mission Statement of Monroeville Local Schools, which calls for fostering students who are critical thinkers, creative problem-solvers, and socially responsible individuals, The Monroeville Board of Education has adopted a service requirement for graduation which went into effect in June of 2015. Students are required to complete 10 hours of community service per year prior to graduating. Due to complications from COVID-19, students in the graduating class of 2024 will need a total of 30 hours to graduate. The Classes of 2025 and beyond will be required to obtain 40 hours of service for graduation. More information is available under the Service Learning tab on the district's website.

## **TEST SCORES**

All test scores for the students become a part of their official record. These scores include, but are not limited to the following:

State-Mandated Testing  
Pre-ACT  
PSAT  
ACT  
SAT I / II  
ASVAB  
ACCUPLACER

The following tests will appear on the student's official transcript:  
State-Mandated Test Scores  
ACT & SAT I/II

## **MHS COURSES**

### **AGRICULTURE EDUCATION DEPARTMENT**

**\* Industry-Recognized Credential in Agriculture & Environmental Systems pathway to graduation**

#### **AG, FOOD AND NATURAL RESOURCES**

**1 ¼ CREDIT – YEAR**

#### **No Prerequisite**

This course is divided equally between hands-on experiences in animal and plant production, as well as shop activities. The second half of the course is the application and practical use of science, both in theory and in applied agricultural science. Students will complete lab experiments with

regard to soil science, plant science, and systems of mechanical advantage and electrical power. Students will gather data using the scientific method and analyze and present their findings through oral presentations or written reports. Students will also be introduced to vast opportunities in the FFA organization. **FFA membership required.**

**Fee: \$20.00 (\$10.00 Lab Fee, \$10.00 Dues collected by FFA)**

### **ANIMAL AND PLANT SCIENCE**

**1 ¼ CREDIT – YEAR**

**Prerequisite: Ag, Food, & Nat. Res.; recommendation of teacher.**

This course is designed for students with an interest in continuing Agriculture Education. Emphasis will be centered on farm management skills and animal science. Students will complete lab experiments with regard to soil science, plant science, and systems of mechanical advantage and electrical power. Students will gather data using the scientific method and analyze and present their findings through oral presentations or written reports. Time will be allotted for shop projects.

**FFA membership required. Fee: \$20.00 (\$10.00 Lab Fee, \$10.00 Dues collected by FFA)**

### **AGRICULTURE BUSINESS I**

**1 ¼ CREDIT - YEAR**

**Prerequisite: Ag, Food, & Nat. Res. & Animal & Plant Sci. or permission of instructor.**

This course will prepare students for employment in an agribusiness career or continuing education beyond high school. Topics will include self-assessment of skills, resume development, application process, interview technique, post-interview follow-up, and evaluation of employment opportunities. Skills in sales, advertising, and merchandising will be studied. Students will be able to work on leadership skills and have opportunity to participate in various FFA judging contests.

**FFA membership required. Fee: \$20.00 (\$10.00 Lab Fee, \$10.00 Dues collected by FFA)**

### **AGRICULTURE BUSINESS II**

**1 ¼ CREDIT (based on hrs worked)**

**Prerequisite: Successful completion of Agriculture Business I or permission of instructor.**

In this course, students will expand on employment skills with special emphasis on job retention and job advancement skills. Skills such as communication and teamwork will be emphasized. Students will have the option of being placed in ag-related employment and take advantage of early release from school. **FFA membership required.**

**Fee: \$20.00 (\$10.00 Lab Fee, \$10.00 Dues collected by FFA)**

### **AGRICULTURE BUSINESS LEADERSHIP**

**1 ¼ CREDIT - YEAR**

**Prerequisite: Recommendation of Agriculture Business II instructor.**

This course is designed to give students the opportunity to explore and maximize their leadership potential. Students will also explore the role of leadership in business.

**FFA membership required. Fee: \$20.00 (\$10.00 Lab Fee, \$10.00 Dues collected by FFA)**

### **SMALL ENGINES**

**1 CREDIT - YEAR**

**Requirement: Junior/Senior Standing**

Students will identify, diagnose, maintain and repair engines, including two and four-stroke, in addition to fueling systems based upon engine specifications. Topics include differentiation of fuels and fueling systems along with their characteristics, designations, and additives. Students will learn the principles of cooling, lubrication, intake and exhaust systems and how to make necessary repairs while maintaining system cleanliness. Throughout the course, site and personal safety along with business and employability skills are emphasized. **Fee: \$20.00**

## **ART DEPARTMENT**

## **ART I**

**1 CREDIT – YEAR**

### **No Prerequisite**

Art I will include experiences in a variety of media including: graphite, colored pencils, paints, pen and ink. The main emphasis will be on improving drawing and painting skills. Students will execute finished products while exploring the process and use of various tools as well as the basic elements of art - form, line, shape, value, texture, color and space. Art history and notable artists will also be used as an important reference.

## **ART II**

**1 CREDIT - YEAR**

### **Prerequisite: Successful completion of Art I.**

Art II students will utilize information gained from Art I, while investigating techniques and processes of various media. This course will encompass a study of drawing, painting, printmaking, ceramics, and pastel. Art history and notable artists will also be used as an important reference.

**Fee: \$35.00 (art supplies)**

## **STUDIO ART I AND II**

**1 CREDIT - YEAR**

### **Prerequisite: Successful completion of Art II.**

This course is intended to encourage students to explore a personal stylistic interest. Students will further develop their knowledge base of various media while working in the following areas: pastel, painting, sculpture, printing and ceramics. Students should demonstrate an advanced level of technical excellence in their projects. A discussion and preparation of a senior portfolio will be covered for college prep students. Art history and notable artists will also be used as an important reference. **Fee: \$35.00 (art supplies)**

## **CRAFTS**

**1 CREDIT - YEAR**

### **Prerequisite: Sophomore Standing**

This course is concerned with developing skills in craftsmanship. Students will work with various materials in the execution of craft projects. Crafts may be taken with other art courses. Some areas to be covered are: weaving, decoupage, stitchery, batik, collages, acrylic painting and other related crafts. **Students will be expected to furnish some supplies. Fee: \$35.00 (art supplies)**

## **GRAPHIC DESIGN (YEARBOOK)**

**1 CREDIT - YEAR**

### **Recommendation of an English teacher required.**

Graphic communications is a full-year course open to students enrolled in grades 9-12. Students will learn the techniques necessary to communicate through pictures and the written word, and apply this knowledge to the production of the high school yearbook. Students will be expected to learn all aspects of document formatting and processing. In addition, students will sell ads, demonstrate knowledge of photography, do picture cropping, and prepare text for printing. Students may take more than one year; however, this will be on a pass/fail basis. **Fee: \$15.00**

## **CAREER DEVELOPMENT DEPARTMENT**

**\* Industry-Recognized Credential (Universal) in Professional Communication pathway to graduation**

## **FRESHMEN FOCUS**

**½ CREDIT - SEMESTER**

### **Freshmen Requirement**

The high school experience provides an opportunity to get a jumpstart on adulthood. This course is designed to help you reach your full potential in preparing for life after high school whether it be through college, a career, or the military. You will learn skills in coping and survival as well as soft skills that will follow you into your future. Learn to be a better communicator, a better decision maker, as well as more resilient to outside pressures. You will begin to explore your plans as you navigate through high school as well as your plans for life after high school.

## **CONSTRUCTION TECHNOLOGY DEPARTMENT**

**\* Industry-Recognized Credential in Construction Technology pathway to graduation**

### **PRINCIPLES OF WOOD CONSTRUCTION I**

**½ CREDIT - SEMESTER**

#### **No Prerequisite**

This course is designed for the student who is interested in working with wood at a basic level. The students will learn the proper procedure for using hand tools and power tools. Students will be involved in designing, building and finishing small wood projects. **Fee: \$15.00**

### **PRINCIPLES OF WOOD CONSTRUCTION II**

**½ CREDIT - SEMESTER**

#### **Prerequisite: Principles of Wood Construction I**

This course is a continuation of the basic skills learned in Wood Crafts I with more emphasis on larger projects and advanced skills. **Fee: \$15.00**

### **INTRO. TO CONSTRUCTION & SAFETY**

**1 CREDIT - YEAR**

#### **Prerequisite: Principles of Wood Construction I**

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices. **Fee: \$30.00**

### **ARCHITECTURE & CONSTRUCTION BLUEPRINT READING 1 CREDIT - YEAR**

**\*\*\*\*Offered in 2024-25**

#### **Prerequisite: Intro. To Construction & Safety**

Students learn blueprint reading as it relates to architecture and construction. Students will use scaling, orthographic projections, dimensioning practices, symbols, notations, and abbreviations to perform area calculations and to interpret floor plan, section, and elevations. Using construction plans, students will identify problems or shortcomings related to layout and installation of materials for the project.

### **ARCHITECTURAL DESIGN/MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS**

**1 CREDIT – YEAR**

**\*\*\*\*Offered in 2025-26**

Students will use architectural principles to organize and arrange structures to create a perspective of a building. Students will use orthographic/pictorial projection, freehand technical sketching and computer-aided drafting (CAD) skills to generate floor and wall plans, elevations, sections, details and schedules. Students will develop sets of structural framing and mechanical working drawings that include plumbing, HVAC, and electrical power and lighting plans.

## ENGLISH DEPARTMENT

### ENGLISH 9

1 CREDIT – 2 SEMESTERS

#### **Freshman requirement.**

English 9 involves the study of literature and composition through critical reading of fiction, non-fiction, drama, and poetry. Students will write critically through response to literature and its life connections. An introduction to Shakespeare will be included. Expository, narrative and argumentative writing will be included as well as extensive focus on mechanical skills. Research and presentation skills will also be integrated during the year. **\*8<sup>th</sup> graders wishing to enroll must have shown proficiency with an expected performance of a 72% (C) or higher in Honors English 7.**

### ENGLISH 10

1 CREDIT – 2 SEMESTERS

#### **Sophomore requirement.**

English 10 involves a continued study of literature and composition through critical reading of fiction, nonfiction, drama, and poetry. Students will write critically and creatively in response to literature and its real life connections. Expository, argumentative, and narrative writing will be included, and further refinement of research and presentation skills will occur.

### ENGLISH 11

1 CREDIT – 2 SEMESTERS

#### **Junior requirement.**

English 11 is a literature-based, integrated course, which focuses on the study of American literature. The course includes the study of the development of American literature from the Native American period to the twentieth century. Representative literary works are surveyed for content, style, for, diction, and the relevancy to our time. Attention is given to major thematic ideas such as Regionalism, Transcendentalism, Puritanism, Nationalism, as well as to major American authors and significant historical periods. Composition, research, public speaking, test preparation, and the use of current technology are integrated into this course.

### ENGLISH 12

1 CREDIT – 2 SEMESTERS

#### **Senior requirement.**

English 12 is a literature-based, integrated course, which focuses on themed collections of literature and informational texts. Representative literary works are surveyed for content, style, form, diction, and relevancy to our time. Composition, research, public speaking, test preparation, and the use of current technology are integrated into the semester's study. Students are to improve grammar and usage skills through various analytical and persuasive essay assignments.

### REAL WORLD COMMUNICATIONS

½ CREDIT – SEMESTER

#### **Junior/Senior Standing**

RWC is a course that focuses on communication through social media and other media outlets. Students will learn about and compare various social media platforms and accounts and the importance of captions and hashtags. Additionally, students will analyze blogs and podcasts, fake news sites, social media influencers, and effective marketing campaigns. Students will acquire hands-on experience by learning how to use various platforms to create enticing social media posts and podcasts. For their final project, students will use their understanding of various social media platforms and programs to create their own marketing campaign.

## **NEWS PRODUCTION**

**1 CREDIT – 2 SEMESTERS**

### **No Prerequisite**

Students will produce weekly announcements for the Eagle Eye News team. They will learn to use technology with digital video cameras and the editing program, iMovie. **Fee: \$10.00 (Technology upkeep and prop materials)**

## **FAMILY & CONSUMER SCIENCE DEPARTMENT**

**\* Industry-Recognized Credential in Hospitality & Tourism/Education pathway to graduation**

## **CULINARY FUNDAMENTALS**

**½ CREDIT - SEMESTER**

### **No Prerequisite**

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. Industry-recognized credentials may be offered with this course. **Fee: \$35.00 (food ingredients)**

## **GLOBAL FOODS**

**½ CREDIT – SEMESTER**

### **Prerequisite: Culinary Fundamentals**

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. \* Must have some kitchen experience. **Fee: \$35 (food ingredients)**

## **CHILD DEVELOPMENT**

**½ CREDIT - SEMESTER**

### **No Prerequisite**

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services. Additional topics will include human characteristics and traits, genetic defects, and parenting styles. **Fee: \$5 (Batteries, food, toys)**

## **CREATIVE CUISINE AND CATERING**

**½ CREDIT – SEMESTER**

### **Prerequisite: Culinary Fundamentals**

This course gives the students the opportunity to develop and enhance their basic cooking skills while working collaboratively in groups in a kitchen. Emphasis is placed on the fundamentals of preparing, cooking, and serving food with consideration for nutrition and cost, safety and hygiene, consumer skills, customer service skills, and using small kitchen equipment wisely, in order to prepare meals for small and large groups for various occasions based on dietary needs, situation, and budget. **Fee: \$35**

## **JOYS OF BAKING**

**½ CREDIT – SEMESTER**

### **Prerequisite: Culinary Fundamentals**

In this class students will learn the properties and functions of various baking ingredients, apply math skills to adjust the yield of baking formulas, utilize various mixing, panning and baking methods, create specialty breads and cakes using the techniques acquired in class, and develop hands-on practical skills to produce flavorful and productive products. **Fee: \$35**

## **LEADERSHIP AND COMMUNITY ENGAGEMENT (TEEN LEADERSHIP CORPS)**

### **Prerequisite: Junior/Senior standing; 2.5 GPA**

**1 CREDIT - YEAR**

In this course students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Topics also include public policy issues, and community and global engagement. Specifically, the Teen Leadership Corps curriculum is designed to engage its students in a meaningful set of community service activities: planning, community education, budgeting, volunteer recruitment and management, public relations and fundraising. In this class, teams of students will design and implement a coordinated series of projects related to Teen Leadership Corps' primary mission of intergenerational service to the school and community.

## **FOREIGN LANGUAGE DEPARTMENT**

### **SPANISH I**

**1 CREDIT - YEAR**

#### **No Prerequisite**

Students will learn fundamental conversation skills through memorizing basic phrases and vocabulary in Spanish. Students will do so through the 4 modes of communication: reading, listening, writing and speaking. There will also be a focus on intercultural communication, learning about Hispanic cultures and people.

### **SPANISH II**

**1 CREDIT - YEAR**

#### **Prerequisite: "C" average in Spanish I or teacher recommendation.**

Conversation skills gained in Spanish I are reinforced and built upon in this course. Through the year, more emphasis is placed on speaking and writing as well as reading more in depth. Students will also continue their focus on intercultural communication through each unit.

### **SPANISH III**

**1 CREDIT - YEAR**

#### **Prerequisite: "C" average in Spanish II or teacher recommendation.**

This is for student serious about improving their Spanish skills, this class fulfills one (1) of the seven (7) criteria for the Honors Diploma. This class will focus on communicating in Spanish for 80% of the time and completing more daily tasks in the target language. **Fee: \$8.00 (Novel)**

### **SPANISH IV**

**1 CREDIT - YEAR**

#### **Prerequisite: "C" average in Spanish III or teacher recommendation.**

This course focuses on more challenging topics relating to national and worldly themes. There is an expectation to communicate in Spanish 90%-100% of the time in class. This class is for those wanting to take Spanish in college or use Spanish in their career choice. **Fee: \$8.00 (Novel)**

## **INFORMATION TECHNOLOGY DEPARTMENT**

**\* Industry-Recognized Credential in Information Technology pathway to graduation**

## **IT FUNDAMENTALS**

**1 CREDIT - YEAR**

### **Requirement: Junior/Senior Standing**

IT Fundamentals Pro (ITF Pro) was designed to provide students with a solid foundation of IT Skills and Knowledge. Through engaging lessons and hands-on learning, students will be able to learn hundreds of essential concepts in computer software, hardware, programming, databases, cybersecurity, networking, information systems, and much more. Whether pursuing careers in IT, medical, manufacturing, or other professional fields, TestOut ITF Pro enhances success in any setting that requires computers and technology. ITF Pro prepares students for the TestOut ITF Pro certification exam, a 100% performance based, pre-professional exam, as well as the CompTIA FC0-U61 ITF+ exam. Practice tests introduce students to certification testing, and help them gain confidence in what they've learned.

## **NETWORK PRO**

**1 CREDIT - YEAR**

Network Pro helps instructors provide students with hands-on, experiential training and certification preparation using up-to-date, engaging content and simulated software tools valued by organizations looking for solid computer networking skills.

**\*\*\*\*Offered in 2024-25**

## **MATHEMATICS DEPARTMENT**

### **ALGEBRA FOUNDATIONS**

**1 CREDIT -- YEAR**

#### **Teacher Recommendation**

The Algebra Foundations course is to serve as a bridge between middle grades mathematics and Algebra I. This course will build a foundation of algebraic concepts through the use of technology, manipulatives, problem solving and cooperative learning. Students will learn to utilize the graphing calculator in appropriate situations. Concepts include algebraic expressions, linear equations, polynomials, factoring, inequalities, geometry, statistics, and graphing. Problem solving, reasoning, estimation, and connections between math and everyday applications will be emphasized throughout Algebra Foundations. This course is designed to prepare students for Algebra I.

### **ALGEBRA I**

**1 CREDIT – 2 SEMESTERS**

#### **Required Course**

Algebra I introduces the structure for all future mathematical study. There is a strong focus on the main rules and properties that form the foundation for the real number system. The rules and properties learned develop a student's skill in the following content: variables, order of operation, expression, equations, real numbers, solving linear equations, problem solving, relations and functions, analyzing linear equations and inequalities, polynomials, factoring, quadratic and exponential functions, radical expressions, rational expressions and equations, and data analysis.

**\*8<sup>th</sup> graders wishing to enroll must have shown proficiency with an expected performance of a 72% (C) or higher in Honors Math 7.**

*A TI-84+ graphing calculator or its equivalent is required.*

### **GEOMETRY**

**1 CREDIT – 2 SEMESTERS**

#### **Required Course**

Geometry is an integrated course with an emphasis on Euclidean Geometry. Students will learn how to develop basic reasoning skills. Deductive and inductive reasoning will be applied. Slope, area, and some analytic geometry will be explored. Applications of one variable equations, graphing techniques, and the Pythagorean Theorem will be emphasized. *A TI-83 or TI-84+ graphing calculator or its equivalent is recommended.*

## **ALGEBRA II**

**1 CREDIT – 2 SEMESTERS**

### **Required Course**

Algebra II expands upon the topics learned in Algebra I and Geometry. Equations, inequalities, functions and system are reviewed and more fully developed. In addition to linear functions, quadratic, polynomial, exponential and logarithmic functions are studied. Other topics include powers, roots, radicals, trigonometry, and conic sections. *A TI-84+ graphing calculator or its equivalent is recommended.*

## **TRIGONOMETRY/ANALYTIC GEOMETRY**

**1 CREDIT – 2 SEMESTERS**

### **Prerequisite: Alg II**

Trigonometry/Analytic Geometry will tie together many of the topics studied in Algebra I, Geometry, and Algebra II. It introduces the student to many of the skills necessary for the successful study of calculus. Topics covered in this class include a review of some of the advanced topics of Algebra II, a study of various types of functions including higher order polynomial functions, power functions, rational functions, exponential functions and logarithmic functions. In addition, Trigonometry and its applications are covered in depth as well as advanced systems of equations and matrices. *A TI-84+ graphing calculator or its equivalent is required.*

## **PROBABILITY AND STATISTICS**

**1 CREDIT – 2 SEMESTERS**

This course is a practical hands-on approach to the introduction of probability, interpretation of data, and fundamental statistical problem-solving. Topics will include the construction of and use of graphs such as histograms, stem plots, box plots, and scatter plots to display data, using numbers such as median, mean, and standard deviation to describe data, attend to precision and evaluating data distribution. Students will examine and make use of structure within data sets to form correlations and least square regressions. They will calculate the probability of simple and compound events and estimate explored tests of significance to evaluate the validity of statistics contained within published reports and experimental data. Problem-solving activities will provide an opportunity for students to demonstrate their skills in real-world situations by constructing viable arguments to critique the reasoning of others. Students are expected to apply mathematics in meaningful ways to solve problems that arise in the workplace, society, and everyday life through the process of mathematical modeling. *A TI-83 or TI-84+ graphing calculator or its equivalent is recommended. \*Algebra II equivalent*

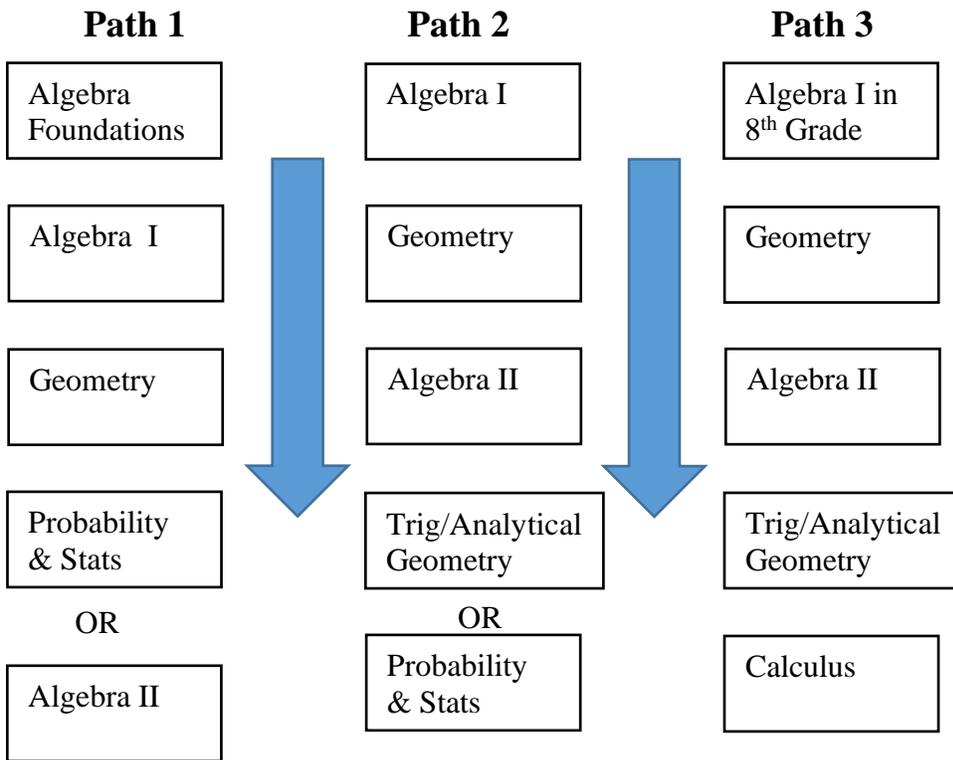
## **CALCULUS**

**1 CREDIT – 2 SEMESTERS**

### **Prerequisite: Completion of Trigonometry/Analytical Geometry.**

Calculus is the branch of mathematics that deals with the finding of and properties of derivatives and integrals of functions. This includes areas of concentration such as analytic geometry, limits, continuity, derivatives and anti-derivatives, basic differentiation rules, rates of change, product and quotient rules, chain rule, and the Mean Value Theorem. *A TI-84+ graphing calculator or its equivalent is required.*

## **MATH PATHWAYS**



## MUSIC DEPARTMENT

### CHORAL MUSIC

**1 CREDIT - YEAR**

#### No Prerequisite

This curricular music course is offered to high school students who have a sincere desire to participate in choir. The curriculum will provide consistent instruction toward four long-term educational goals: 1. Students will develop an appreciation of the aesthetic properties of, and profound human communication possible through a wide variety of styles and genres of choral

music. 2. Students will learn techniques to encourage the development of their healthy adult singing voice: posture, breath support, beautiful tone, vowel color, accurate intonation, resonance and musical expression. 3. Students will increase their level of music literacy through reinforcement of sight singing, theory and aural skills. 4. Students will develop the personal skills and disciplines necessary to successfully contribute to a musical ensemble: teamwork, rehearsal focus, critical musical listening and tuning.

The class meets five days per week during the school day. ***Students are required to participate in all scheduled out of school or after school performances and rehearsals.*** Performance opportunities include concerts, pep assemblies, musicals (participation is voluntary), and community events. Other voluntary performance opportunities include district festivals, Solo and Ensemble competitions, and sporting events.

### **INSTRUMENTAL MUSIC\***

**1 CREDIT - YEAR**

#### **No Prerequisite**

The Monroeville High School Marching Band/Concert Band is composed of high school students interested in playing a variety of music. It meets five days a week for sectionals and rehearsals. The first ten weeks will consist of instruction in marching band music and marching fundamentals. A large portion of time will be spent outside of the school day during the first ten weeks. Performances include all varsity football games, parades, contests and festivals. At the conclusion of the football season, the ensemble will focus on concert literature from many different styles and musical periods. Students will develop advanced instrumental technique and musicianship through preparation and participation in convcerts and contest performances. Other opportunities for playing include pep band, district festivals, solo and ensemble contest, and other various honor groups. **Attendance at after school and out of school rehearsals and performances is required. Attendance at band camp is mandatory.**

**Miscellaneous Fees: Students will be responsible for purchasing various items including: summer uniform, marching band shoes, gloves, berets, and other accessories.**

**Band Camp: Dates announced at the end of the previous school year. Band Camp will typically begin at the end of July and run through early August**

## **PHYSICAL EDUCATION & HEALTH DEPARTMENT**

### **HEALTH**

**½ CREDIT – SEMESTER**

#### **Required Course – Freshmen or Sophomore Year**

The health curriculum consists of units of abstinence; personal and sexual health; emotional and mental health; HIV, STI and pregnancy prevention; nutrition and physical activity; tobacco, alcohol and drug prevention; violence and injury prevention; first aid and training in CPR.

### **PHYSICAL EDUCATION**

**¼ CREDIT - SEMESTER**

### **Required Course – Freshmen and Sophomore Year**

A course of planned activities designed to give the student an opportunity to develop a wholesome attitude towards physical activity. Individual and group activities are offered with emphasis on fitness, sportsmanship, participation, and the importance of being physically active. **\*Students have the opportunity to gain a PE waiver with participation in 2 full seasons of extra-curriculars.**

### **WEIGHTLIFTING**

**½ CREDIT – SEMESTER**

#### **Sophomore Standing**

Students may choose the weight program they wish depending on what results they want, such as bulk, tone, rehabilitation of an injury, etc. Students will also be able to walk or jog, weather permitting.

### **LIFETIME PHYSICAL EDUCATION & HEALTH**

**½ CREDIT – SEMESTER**

#### **Junior Standing**

This class is a combination of the gym and the classroom. Classroom topics will cover many health areas including diets, social health, health care, CPR certification, handicaps, and careers. In the gymnasium, students will participate in many lifetime recreational activities including golf, tennis, bowling, badminton, and table tennis.

## **SCIENCE DEPARTMENT**

### **PHYSICAL SCIENCE**

**1 CREDIT – 2 SEMESTERS**

#### **Required Course**

This is an introductory course in the areas of chemistry and physics. Topics discussed include matter, elements, compounds, periodic table, balancing equations, acids, bases, solutions, energy, motion, forces, waves, heat, and radioactivity. Students are required to pass this course (or to take Chemistry or Physics) to fulfill their physical science requirement for graduation. This course cannot follow chemistry or physics. A notebook and research project are required. Purchase of a scientific calculator is recommended. Splash-proof chemical safety goggles must be purchased.

### **BIOLOGY**

**1 CREDIT – 2 SEMESTERS**

#### **Required Course**

Emphasis is placed upon cellular organization evolution; classification; heredity; DNA, RNA and protein synthesis; biological themes; general and organic chemistry; historical developments; biotechnology; ecology; and morphology and physiology of invertebrates and vertebrates. This class is geared toward sophomore level students.

### **CHEMISTRY**

**1 CREDIT – 2 SEMESTERS**

#### **Meets Science Lab Course Requirement**

This course is an introduction into the field of chemistry. The topics of matter and its changes, atomic structure, periodic law, chemical formulas, chemical equations, the physical states of matter, solutions, suspensions, carbon compounds and stoichiometry will be discussed. A notebook and research project are required. Purchase of a scientific calculator is recommended. Splash-proof chemical safety goggles must be purchased. **Recommended for all juniors.**

**Fee: \$20.00 for lab supplies (chemicals, supplies, glassware)**

## ENVIRONMENTAL SCIENCE

1 CREDIT – 2 SEMESTERS

### Meets Science Lab Course Requirement

This course is an introduction to environmental conditions which may impact our world. This course is designed to increase student knowledge of environmental issues. Environmental science incorporates biology, chemistry and physical geology to address issues of the biosphere. Specifically, the atmosphere, lithosphere and hydrosphere. Energy resources such as air, water, and soil pollution will be discussed on a global level to correct problems such as deforestation, specie depletion, and waste management in addition to human population and the effects on natural resources.

## ANATOMY & PHYSIOLOGY

1 CREDIT – 2 SEMESTERS

### Meets Science Lab Course Requirement

This is an advanced biology course dealing mainly with the study of the structure and functioning of the human body. Additional units of study include areas of biochemistry; genetics; genetic disease; medical technology and related medical topics. Class discussion involves major body systems and the functioning and inter-relationships of these systems. Extensive coverage of this is given to students in the laboratory utilizing dissection involving the cat. Students will also be involved in a research project related to an insect collection using anatomy as a basis for classification. **Fee: \$20.00 for lab supplies (lab workbook, dissection specimen)**

## PHYSICS

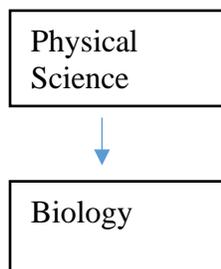
1 CREDIT – 2 SEMESTERS

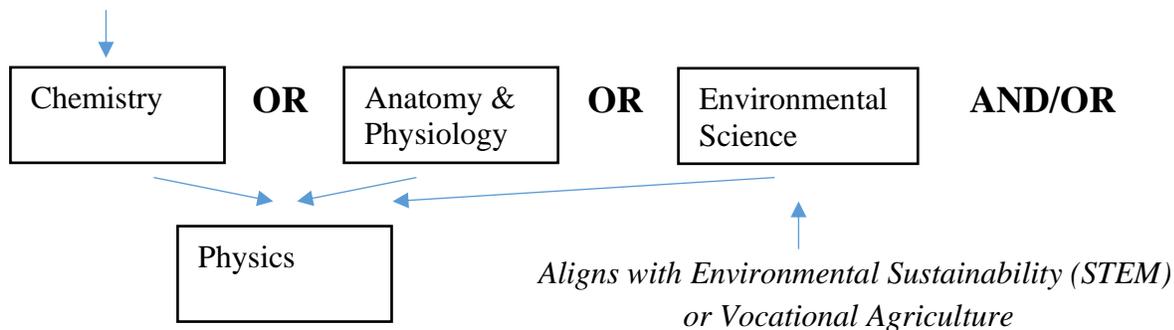
**Prerequisites: ALL of the following must be met:**

- 1) Senior standing (Juniors must have permission of the instructor)
- 2) Biology (Yearly average of B)
- 3) Algebra I & Geometry (Yearly average of B)
- 4) Concurrent enrollment in Alg II

This course is an introduction into the field of physics. The topics include the study of energy and how man controls it, forces, motion, thermal effects, waves, sound, light, electricity, magnetism, and nuclear changes. **This course involves an extensive use of math.** A notebook is required. Purchase of a scientific calculator is recommended. Splash-proof chemical safety goggles must be purchased. **Fee: \$20.00 for lab supplies**

## SCIENCE PATHWAYS





## SOCIAL STUDIES DEPARTMENT

### WORLD HISTORY

**1 CREDIT – 2 SEMESTERS**

#### Required Course for Freshmen

This course examines world events from 1750 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### AMERICAN HISTORY

**1 CREDIT – 2 SEMESTERS**

#### Prerequisite: World History; Sophomore Requirement

American History studies our nation’s history from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today’s citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### AMERICAN GOVERNMENT

**1 CREDIT – 2 SEMESTERS**

#### Junior Requirement

American Government is a course which tracks the development of democracy in the United States. This course will emphasize the American political process and our rights and responsibilities as citizens. It will also teach critical thinking skills and the individual’s role in American democracy. Students will develop evaluative and interpretive skills given historical documents, such as the Constitution. Students will be able to recognize the impact of citizens on the continuous reforms to the democratic process.

### ECONOMICS

**½ CREDIT – SEMESTER**

#### Requirement: Sophomore/Junior/Senior Standing

Students use economic reasoning skills and knowledge of major economic concepts, issues and systems in order to make informed choices as producers, consumers, savers, investors, workers and citizens in an independent world.

### FINANCIAL LITERACY

**½ CREDIT – SEMESTER**

**Requirement: Sophomore/Junior/Senior Standing**

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for lifetime financial security.

**ACT PREP****½ CREDIT - SEMESTER****Requirement: Junior/Senior Standing**

ACT Prep is designed to help students prepare for and increase their ACT score. Students will be examining sample test questions in Math, Science, Reading, and English, as well as practicing with ACT writing prompts. Students will make use of the ACT Online Prep program which is designed to help students prepare for and increase their ACT score. In-depth analysis of test-taking strategies will be reviewed along with the major concepts in each tested area. Activities will be individual, small group, and whole-class. Complete participation is mandatory.

**POP CULTURE****½ CREDIT – SEMESTER****No pre-requisite**

This course will examine the impact of pop culture in the United States that helps make up our unique American culture. Students will analyze and predict how society effects pop culture and the way it impacts our society. Each unit will include a brief overview of the significant historical developments of the time period. We will then examine the popular cultural developments that coincided with the historical events. Mass media, music, literature, film, radio, TV, sports, fashion and advertising will be some of the focus areas for study. This class will give the opportunity for students to investigate a variety of pop cultural influences that have become part of the American identity.

**AMERICAN HISTORY THROUGH FILM I****½ CREDIT – SEMESTER****No pre-requisite**

Since Thomas Edison created the first motion picture camera in 1891, America history through film has played a large part in American culture. Although many people love watching films purely for enjoyment and amusement, films can also be reenactments with a detailed record of events. The films watched in this class will focus on four elements: 1) factual records/events, 2) atmosphere of the time period, 3) analogy of historical events, and 4) a lesson in historiography. Films include: “Last of the Mohicans”, “The Patriot”, “Glory”, “Dances with Wolves”, “The Untouchables”, “1917”, “Hacksaw Ridge”, and “Midway”.

**STEM EDUCATION DEPARTMENT****APP DESIGN****½ CREDIT - SEM****No pre-requisite**

A computer science class that teaches you the basics of programing. Throughout the class you will learn different skills to create and design an app. A broad range of topics will be covered such as programming, algorithms, the internet, digital privacy and security, and the societal impacts of computing. Learn about the impact of the internet on the world.

## **GAME DESIGN**

**½ CREDIT – SEM**

### **No pre-requisite**

Game Design is a computer science class with a focus on creating your own video games. You learn block coding and how to piece together different movements and animations. You can create your own character in your game by drawing them, finding images online, or using preexisting animations. You can even download your game to your phone and share with friends. Game design dives into how computer science is used in our everyday lives and how important it is for the entertainment industry.

## **INTRODUCTION TO ENGINEERING DESIGN**

**½ CREDIT - SEM**

### **No pre-requisite**

Intro to Engineering is a class designed for students who want to explore the world of engineering. This is a project-based class, where students learn the different skills needed to become an engineer. We learn real engineering design software and 3D print the designs you make. Teamwork, hands on learning, engaging projects, designing, and building are all major aspects of this class.

## **ROBOTICS I**

**½ CREDIT - SEM**

### **No pre-requisite**

This is an introductory course that teaches you the basic mechanical functions that are used in Vex Robotics. Students will learn about the different parts used in a basic VEX robot build. This is a project based course, which dives into different projects that include how to make a robot move faster and slower, how to properly build, and how to put together a drivetrain. By the end of the course you will design and build a basic robot.

## **ROBOTICS II**

**½ CREDIT - SEM**

### **Prerequisite: Robotics I**

Robotics II has a focus of programming and building. Students will learn the basics of programming a robot to perform simple tasks and commands. Throughout this course, students will build and program a robot to perform tasks and certain procedures. Students will learn about robot behaviors and how to write a successful program. This is a project-based course, which covers different projects that include: building a clawbot, designing an obstacle course, and coding sensors to perform a variety of tasks.

## **ENVIRONMENTAL SUSTAINABILITY**

**½ CREDIT - SEM**

### **No pre-requisite**

Environmental Sustainability is a specialized engineering course where students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. This is another project-based class, design to keep you engaged and working towards real world engineering solutions. Environmental sustainability has made huge strides and is the next big thing in the science world.

## **MHS SCHOOL CLUBS AND ORGANIZATIONS**

### **ACADEMIC CHALLENGE**

The academic challenge program participates in knowledge-based competitions in two separate leagues. The Firelands Conference academic challenge is a random knowledge format featuring opportunities to compete against friendly rival teams from around the league outside the school day. The Firelands Challenge tests the knowledge in key scholastic areas pitting the best and brightest students in north central Ohio in a "battle of wits" during the school day. The team is made up of eight to ten students in 9th through 12th grade and practices after school several times a week. The team is also expected to travel to several Saturday tournaments around the state.

### **FFA**

The National FFA Organization is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. The Monroeville FFA upholds the same principals and therefore requires membership of all students enrolled in any agriculture class. Dues are set yearly at the first meeting in the fall and are usually ten dollars. The FFA provides students the opportunity to expand their classroom skills and use them in various competitive settings. Students have the opportunity to attend many leadership events throughout the United States as well as participate in unlimited award programs that can garner them recognition on a local state and national level. Students are given credit for their participation in the form of grades in the classroom. All members are expected to be active and take part in FFA activities. **Dues: \$15.00**

### **NATIONAL HONOR SOCIETY**

The National Honor Society (NHS) is the nation's premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to honor those students who have demonstrated excellence in the areas of Scholarship, Leadership, Service, and Character. These characteristics have been associated with membership in the organization since their beginnings in 1921 and 1929. Members sponsor annual blood drives, and are often asked to help with peer tutoring, orientations. NHS is also involved with the Giving Tree, Pennies for Patients, Stuff the Bus, Red Ribbon Week, and a variety of other service activities. Members may be required to complete service projects. Some of these hours may count toward Service Learning Requirement. **Dues: \$5.00 (Students are also asked to donate items for NHS and fundraisers for the banquet.)**

### **ROBOTICS**

The Robotics Club is an extension of the Robotics Class offered in the MHS STEM Department. The club practices before or after school and then travels to surrounding schools in our robotics league to compete against other schools during the week and on weekends. The Robotics Club gives you the opportunity to build on and apply the key STEM principles and robotic concepts learned during the Robotics Class.