

Marysville High School Course Description Book

2025-2026 Academic Year

TABLE OF CONTENTS

General Information

| | | | |
|--|---|--|-----|
| Overview of Scheduling | 2 | Credit Flexibility | 4-5 |
| Counselor Assignments | 2 | Test Out | 5 |
| Selection of Courses to Achieve Your Goals | 2 | Virtual Learning | 6 |
| Course Fees | 3 | Independent Study | 6-7 |
| PowerSchool & Schoology | 3 | NCAA/NAIA Clearinghouse Information | 7 |
| PowerSchool Course Requests | 3 | Release | 7 |
| Repeat Credit | 3 | College/Career Testing Opportunities | 8 |
| Early Graduation | 4 | Internship Information | 9 |

Graduation Requirements

| | | | |
|--|-------|--|----|
| Graduation Requirements 2023 and Beyond | 10-13 | Academic Recognition at Commencement | 17 |
| Physical Education & Fine Art Exemptions | 14 | Four Year College Requirements | 17 |
| Ohio High School Honors Diploma | 15-16 | | |

Advanced Standing Programs

| | | | |
|--|----|---|-------|
| Advanced Placement | 18 | College Credit Plus | 18-19 |
| Career Tech | 18 | 15 & 30 Hour Suggested Pathways | 20 |

Course Descriptions

| | | | |
|---|-------|---|-------|
| Agricultural Sciences | 21-30 | Science | 58-61 |
| Auto Tech | 31-32 | Social Studies | 62-64 |
| Business Pathways | 33-41 | Supply Chain Management (OHP) | 42-48 |
| English | 49-53 | Visual & Performing Arts | 65-79 |
| Internships | 86-87 | Wellness | 80-82 |
| Mathematics | 54-57 | World Languages | 83-85 |

Individualized Education Plan (IEP) Course Book

| | | | |
|--|-------|--|----|
| Special Education-IEP Course Listing | 88-96 | Course Selection Worksheet | 97 |
|--|-------|--|----|

OVERVIEW OF SCHEDULING

| | Timeline Estimate | Action | Responsibility |
|--|--------------------------|--|---------------------------------|
| 1. Gather Data | Jan./Feb. | Courses selected by each student. | Student & Parent/Guardian |
| Verification of student requests | Feb. | Each student will review courses requested on PowerSchool to check for accuracy. | Student & Parent/Guardian |
| 2. Sections created | Mar. | Numbers of student requests totaled and sections created. | Administration/Dept. Chairs |
| Master schedule created | Apr. | Number of sections for each course & teacher availability. | Administration/Counselors/Staff |
| 3. Computer generates students' schedules | Apr.-Aug. | Schedules created randomly by computer – Counselors fix schedule conflicts. | Tech Department and Guidance |
| Student schedules complete | Aug. | Students can view their schedule on PowerSchool prior to the 1st day of school. | Student & Parent/Guardian |

1. This step determines how many requests there are for each course.
2. This step takes the number of requests for each course and converts those numbers into the number of sections of each course that will be taught, by whom, and when. Some students may have to use alternate course selections at this stage because courses with too few student requests will not be offered.
3. Courses may be in conflict with one another when the computer creates the student's schedule. Alternate courses may have to be used at this time.

COUNSELOR ASSIGNMENTS

Counselors are available to assist students in selecting appropriate courses for meeting their educational plans. Each student is assigned a counselor based upon the first letter of his/her last name.

| | | | |
|------------------------|---------------------------------|-------------------------------------|------------------|
| <i>A-G Grades 9-12</i> | <i>Mrs. Lindsey Mee</i> | <i>lindsey.mee@mevsd.us</i> | <i>Ext. 6217</i> |
| <i>H-P Grades 9-12</i> | <i>Mrs. Belinda Quisenberry</i> | <i>belinda.quisenberry@mevsd.us</i> | <i>Ext. 6218</i> |
| <i>Q-Z Grades 9-12</i> | <i>Mr. Nathan Stackhouse</i> | <i>nathan.stackhouse@mevsd.us</i> | <i>Ext. 6219</i> |
| <i>ECHS Grade 9</i> | | | |

SELECTION OF COURSES TO ACHIEVE YOUR GOALS

High school is the educational “road map” to your future. Select courses that take you to your destination. Think about where you want to be after high school-work, military, college, etc. Set goals and use this guide as a learning tool.

- *Interest* - What do you like?
- *Ability* - Can you do it?
- *Teachers* - Ask them to guide you.
- *Realism* - Do your current grades/effort support your choice?
- *Effort* - How much are you willing to do?
- *Graduation* - Do you have what you need to graduate?

COURSE FEES

Students are required to pay fees in some courses. Fees are used to pay for lab materials, workbooks, and other products consumed by students. The fees appearing in this document are only estimates. Invoice statements sent in the fall and spring may differ slightly. Please note that fees will not be refunded for courses dropped after the second week of the semester for semester courses. For year-long courses, fees will not be refunded after the second week of the first semester. Students enrolled in College Credit Plus courses may be charged per semester hour if they fail or drop a College Credit Plus course **after the college drop deadline. If a student fails, the College Credit Plus bill will be added to the student's fee statement.** If there are outstanding fees, official transcripts and diplomas will be held and the senior will not participate in graduation or year end senior related activities.

POWERSCHOOL & SCHOOLOGY

Access to student grades, assignments, attendance, contact information, etc. is available by using PowerSchool. Access to assignments is also available by using Schoology. Parents and students can create or modify an account by contacting the High School at 937-578-6200. **It is very important to keep your email address up-to-date as we send newsletters, grades, notifications, and other various information via email.**

POWERSCHOOL COURSE REQUESTS

How to Enter Course Requests in the Student Portal:

PowerSchool will be open beginning February 2025 to schedule classes for the 2025-2026 school year. Open PowerSchool and enter your username and password, and click enter. Click Class Registration and select your course requests from each department (to see the courses click on the pencil on the right side of the screen). Once you have selected all the courses you want to take - click Submit.

REPEAT CREDIT

A student may apply to repeat a course(s) for a better grade under the following guidelines:

- The highest grade will be calculated in the GPA.
- Credit will be granted only once for the course repeated.
- Classes repeated for a higher grade (unless repeating a failed course) do not count as one of the five equivalents needed for athletic eligibility.
- Request a "Repeat Credit Form", fill it out, and return it to your counselor.
- A student not meeting behavioral and academic expectations will be removed from the course.

EARLY GRADUATION

Parents/Guardians and students should give serious consideration to graduating in less than four years. The “WHY” should make sense for you.

- To start post high school early? Consider College Credit Plus.
- To work? The average person will spend at least 40-50 years in the workforce.

Upon due consideration of the question, should the answer be yes, follow these steps:

1. Discuss Early Graduation with your counselor.
2. Complete a meeting with parent/guardian, student, and counselor to discuss all requirements for graduation.
3. You must complete all needed courses to fulfill graduation requirements and meet all state testing/state seal requirements.

CREDIT FLEXIBILITY

The Marysville Board of Education recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit Flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning.

Credit Flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually approved Credit Flexibility plan. The intent of Credit Flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics, and to meet the demand for college and career readiness skills.

Marysville High School offers Credit Flexibility opportunities to students in grades 8-12 in all classes. To successfully earn credit, mastery of content and certain abilities and skills must be demonstrated through a formal examination, a culminating project, and/or a presentation.

There are three modes of credit flexibility (not for repeat credit):

- | | | |
|-------------|---------------------|----------------------|
| 1. Test Out | 2. Virtual Learning | 3. Independent Study |
|-------------|---------------------|----------------------|

CREDIT FLEXIBILITY cont.

Credit Flex Results

Results (grade and credit/no credit) will be made available to the parent and student within a week after the test date. All Credit Flexibility grades will be posted on a student's transcript and be figured in a student's GPA.

Credit Flex & AP Examinations

Students may use Credit Flexibility by taking any Advanced Placement Exam (even when not enrolled in an AP class) in May by properly registering with the Guidance Office. Students must earn a score of "3 - well qualified" or higher on the AP exam to successfully receive credit for the AP course. Grades will be assigned as 3 = C, 4 = B, and 5 = A. A completed Credit Flex Application must be submitted and approved in advance.

Athletic Eligibility

Courses attempted or grades received through Credit Flexibility may count toward athletic eligibility under the rules of the Ohio High School Athletic Association. Students will be required to show progress at the end of each quarter to ensure eligibility. Failure to do so would result in the credit NOT to be counted towards OHSAA athletic eligibility. Credit Flexibility credits earned in the summer will not count towards eligibility. However, courses attempted through credit flex may not count at the NCAA Clearinghouse. Please work closely with the Athletic Director and your counselor if you are thinking about playing sports in college.

TEST OUT

Test Out is designed for students who feel that they already know the material and do not need to receive instruction. Test Out is not for repeat credit and will not count towards athletic eligibility. After meeting with your counselor you should follow these steps:

1. Submit a completed Credit Flex application to your guidance counselor. Applications can be found in the Guidance Office.
2. A confirmation of the request will be emailed to the parent/guardian, which will include the location, date and time for the examination or the due date of the project or presentation. Requests for date and time change must be approved by an administrator.
3. Students attempting to earn credit in courses requiring an examination will be given a textbook and syllabus detailing the course objective. Textbooks are required to be returned on or before the examination date. Students will be assessed the cost (retail for new) of replacing lost textbooks.

VIRTUAL LEARNING

At Marysville High School, students have the opportunity to take coursework virtually as part of credit flexibility. The student is responsible for any costs related to Virtual Learning. The procedure for completion of virtual learning coursework is outlined below.

1. In order to take advantage of this option, please complete the Application for Virtual Learning. Applications can be found in the Guidance Office. Students may apply to use virtual coursework vendors and institutions such as iLearnOhio by completing the application for Virtual Learning. Coursework through vendors must be pre-approved by the Credit Flexibility Panel (Principal, Guidance Counselor, and Department Chair of the designated department). All course vendors must be accredited institutions.
2. Students will be assigned a grade based upon the institution's scale.
 - Students have the option of accepting the grade for high school credit. These grades are reflected on high school transcripts and impact class rank.
 - Weights, grading, and Carnegie Unit scales will be the same as if the student attended the course. Course credits and weights are listed annually in the Course Description Book. Students can also receive credits for AP course tests in this manner.
 - The grading scale of AP tests shall be as follows: A score of 5 on the AP test will receive a weighted "A." A score of 4 on the AP test will receive a weighted "B." A score of 3 on the AP test will receive a weighted "C".

INDEPENDENT STUDY

A student may undertake an independent study for academic credit under the following stipulations: For each 0.5 academic credits to be earned (except for physical education, which by law can only be 0.25 credits), there must be at least twenty (20) hours of direct instruction, and at least forty (40) hours of independent activities performed by the student. ALL Independent Study classes ARE GRADED A, B, C, D, F. Students must receive approval by an Administrative Committee PRIOR to the start of any educational option or independent study experience. The student must be under the direct supervision of a teacher holding a valid Ohio teaching certificate.

- That teacher is responsible for:
 - Making certain that the Educational Option Form and the related Educational Option (Instructional) Plan are completed and submitted for approval prior to the student beginning work on the plan.
 - Providing the twenty (20) hours per .50 credit of direct instruction to the student, or for making sure that a qualified individual provides the direct instruction. It may be required of the individual to submit credentials for inspection by and the approval of an administrative committee and documentation of instruction time.
 - Making certain that the student completes the required minimum of forty (40) hours per .50 credit of approved independent activities.
 - Collecting all of the completed documentation submitted by the student at the conclusion of the independent study, evaluating it, and issuing a grade for the independent study.

INDEPENDENT STUDY cont.

Graduating seniors needing .25 of physical education credit must have completed the course before the beginning of the second semester or they will be scheduled into a physical education class and will not be eligible for independent study physical education. Graduating seniors needing two of the .25 credits of physical education must have one of the independent study credits completed by the beginning of their senior year. The second credit must be completed before the beginning of the second semester.

Application for the Independent Study projects and the completed Educational Option Form and the related instructional plan must be received in the Principal's Office no later than the 10th day of any semester.

NCAA/NAIA CLEARINGHOUSE INFORMATION

NCAA

Any athlete considering participating in the NCAA should register online and read eligibility information at the NCAA Eligibility Center website. It is the student's responsibility to register for and complete required courses per NCAA requirements. Read carefully, as some requirements have changed. Please see the athletic office for additional information.

NAIA

Please refer to the NAIA website for eligibility requirements.

RELEASE

Students may be released to and from school only if the student qualifies for and participates in one of the following release programs:

- Capstone Project
- Internship

Junior/Senior Release

Any junior or senior may be released from classes:

- PM at the conclusion of their schedule for the day.
- AM prior to the start of their scheduled classes.
- Both AM & PM.
- Proper approval from a parent/guardian must be obtained by the Guidance office prior to release being placed on a student's schedule.
- Not recommended for students planning to attend a 4-year college.
- **Students involved in a school sport or club sport must maintain and pass five (5) .50 credit classes or more for each nine (9) weeks prior to participation.**

COLLEGE/CAREER TESTING OPPORTUNITIES

ACT (Optional)

Offered at MHS

www.actstudent.org

SAT (Optional)

Not offered at MHS

www.sat.collegeboard.org

- One entrance test may be required for admission to a 4-year college. Many colleges/universities are now test optional.
- Check with the specific college(s) as to which test is required/accepted/preferred.
- Can be taken multiple times; include the writing test at least once (ACT).
- Highly recommended to take by the Spring/Summer of Junior year.
- Online registration flyers and practice books are available in the Guidance Office.

The state of Ohio will pay one time for all 11th grade students to take either the ACT or SAT free of charge. The student's district selection applies to all schools in the district for one school year. Test selection may change from one school year to the next.

PSAT/NMSQT (Preliminary SAT/National Merit Scholarship Qualifying Test) (Optional)

This is a standardized test administered by the College Board and cosponsored by the National Merit Scholarship Corporation in the United States. Interested 10th and 11th graders are offered the option to take this exam to measure readiness for college.

Armed Services Vocational Aptitude Battery (ASVAB) (Optional)

Interested juniors and seniors will have the opportunity to take the ASVAB. The ASVAB is one of the most widely used, multiple-aptitude tests in the world, developed and maintained by the Department of Defense.

The ASVAB consists of the following eight individual tests:

- General Science
- Arithmetic Reasoning
- Word Knowledge
- Paragraph Comprehension
- Mathematics Knowledge
- Electronics Information
- Auto and Shop Information
- Mechanical Comprehension

ASVAB scores help students identify the occupations that best suit their abilities. The battery takes approximately three hours to complete. This is a free service provided to MHS by the military. Students may be contacted by one or more of the Armed Service branches after the ASVAB is scored.

INTERNSHIP INFORMATION

Our goal is to prepare all students for their future by getting them college and career-ready. Marysville High School is offering internship opportunities for junior and senior students that are interested in gaining experience in future career fields of interest. Once these students begin scheduling, they can access an application form to apply for the internship either during the first semester or second semester. The Internship Coordinator will meet with the student for a brief interview. A writing prompt about why the student wants to participate and plans after high school will be due, along with a sample resume. For the first few weeks, students will spend time in class completing business correspondence, learning about professionalism, career interests, and other career-related topics. More information is outlined in the application.

BENEFITS FOR THE STUDENTS

1. Fosters an understanding of in-demand careers in which students might be passionate about in the future.
2. Highlight employer and workplace expectations.
3. Develop job skills as well as soft skills (collaboration, creativity, innovation, communication, critical thinking, and problem-solving).

GRADUATION REQUIREMENTS CLASS OF 2023 AND BEYOND

Completing these requirements makes you eligible to apply to a 4-year public college in Ohio.

| Credits | Subject | Requirements |
|---|------------------------------------|--|
| 4 | English | |
| 4 | Mathematics | Must include Algebra 2 or equivalent |
| 3 | Social Studies | Must include 1 credit each of US Government, US History, & World Studies |
| 3 | Science | Must include Physical Science, Biology, 1 credit of Advanced Science |
| 0.5 | Health | |
| 0.5 | Physical Education | Or exemption |
| 1 | Fine Arts | Must be taken at high school level (or exemption) |
| Other Requirements | | |
| <p>Financial Literacy - Students Entering 9th grade Prior to July 2022 (Financial Foundations and Economics, U.S. Government, Personal Finance Management, Agri-Business Mgmt. 1 & 2, Accounting/Finance, Personal Finance (Business Dept.), or Strategic Entrepreneurship meets this requirement). AP Government does not meet this requirement.</p> <p>Financial Literacy - Students Entering 9th grade July 2022 and Beyond - Under Ohio law, students entering 9th grade on or after July 1, 2022, must earn one half credit of financial literacy as a graduation requirement. (Personal Finance Management, Agri-Business Mgmt. 1 & 2, Financial Foundations and Economics meets this requirement).</p> | | |
| <p>Elective Credits: Any credits taken in the above Core areas beyond the graduation requirements or taken in any other departments - Agriculture, Business, Fine Arts, Foreign Language (4 year colleges require at least 2 years in the same world language), Wellness, and Ohio Hi-Point Career Technology.</p> | | |
| 5 | Elective Credits | If no exemptions used |
| 5.5 | Elective Credits | If PE exemption used |
| 5.5 | Elective Credits | If ½ credit Art exemption used |
| 6 | Elective Credits | If 1 credit Art exemption used |
| 6 | Elective Credits | If ½ credit Art and PE exemption used |
| 6.5 | Elective Credits | If 1 credit Art and PE exemption used |
| 21 | Total credits required to graduate | |

GRADUATION REQUIREMENTS CLASS OF 2023 AND BEYOND cont.

SHOW COMPETENCY

Earn a passing score (684) on Ohio's English 2 and Algebra 1 tests. Students who do not pass will be offered additional support and must retake the test at least once.

If testing is not your strength - After you have taken your tests, there are three (3) additional ways to show competency:

Option 1: Demonstrate Two Career-Focused Activities (one must be Foundational)

Foundational

- Proficient scores on WebXams
- A 12-point industry credential (*See list of possible industry credentials at MHS)
- 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

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.

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)

***Possible Industry Credentials - MHS:**

| | | |
|------------------------|---|---|
| Advanced Computer Apps | Microsoft Office Specialist Access 2019 | 3 |
| Advanced Computer Apps | Microsoft Office Specialist Excel 2019 | 3 |
| Advanced Computer Apps | Microsoft Office Specialist Word 2019 | 3 |
| Advanced Computer Apps | Microsoft Office Specialist Powerpoint 2019 | 3 |
| Advanced Accounting | Quickbooks | 4 |

| | | |
|---------------------------------|---|--|
| Agricultural Science Department | CPR First Aid | 1 |
| Agricultural Science Department | Ohio Agribusiness Association-Agribusiness and Production Systems Certification | 12 |
| Agricultural Science Department | Elanco Fundamentals of Animal Science Certification | 6 |
| Agricultural Science Department | Elanco Veterinary Medical Applications Certification | 6 |
| Agricultural Science Department | National Association of Veterinary Technicians in American - Approved Veterinary Assistant | 12 |
| Agricultural Science Department | National Horse Judging Team - Equine Management & Evaluation Certification | 4 |
| Agricultural Science Department | BASF - Plant Science Certification | 6 |
| Agricultural Science Department | Ohio Certified Nursery Technician - Garden Center Ohio Certified Nursery Technician - Grower Ohio Certified Nursery Technician - Landscape Ohio Certified Nursery Technician - Master Technician | 12 12 12 12 |
| Agricultural Science Department | Ohio Department of Agriculture - Commercial Pesticide Applicator License Ohio Department of Agriculture - Private Pesticide Applicator License | 12 3 |
| Agricultural Science Department | Equipment & Engine Training Council <ul style="list-style-type: none"> ● Two Stroke Gasoline Engines and Electrical Test ● Four Stroke Gasoline Engines and Electrical Test | <i>Each Certification Test is 2 Points</i> |
| Agricultural Science Department | Briggs & Stratton Master Service Technician | 9 |
| Agricultural Science Department | Ohio Commercial Driver's License (CDL) | 12 |
| Agricultural Science Department | Occupational Safety and Health Administration (OSHA) 10-Hour Training | 1 |

| | | |
|---------------------------------|---|---|
| Agricultural Science Department | Occupational Safety and Health Administration (OSHA) 30-Hour Training | 3 |
| Agricultural Science Department | Ohio Driver's License | 1 |
| Agricultural Science Department | Soft Skills Pro | 1 |
| Agricultural Science Department | Ducks Unlimited Ecology Conservation & Management Certification | 6 |
| Agricultural Science Department | EETC Principles of Small Engine Technology | 2 |

| Credentials - Auto Tech Pathway at ECHS | Points |
|--|---------------|
| ASE Student A8 (Engine Performance) | 3 |
| ASE Student A5 (Auto Braking & Steering) | 3 |

PHYSICAL EDUCATION & FINE ART EXEMPTIONS

Physical Education Exemption: The Marysville Board of Education adopted a policy to excuse a student for the high school Physical Education Requirement if, during high school, the student has participated in interscholastic athletics, marching band, cheerleading, or show choir for at least two full seasons. However, the student shall be required to complete one-half unit (.50 credits), consisting of at least 60 hours of instruction, in another course of study. This policy is governed by rulings from the Ohio Department of Education. Any student interested in exempting PE should see the Athletic Director to get the Physical Education Exemption once they have completed the two seasons that qualify for the exemption.

Fine Arts Exemption: The Ohio Department of Education allows students to use fine arts coursework completed at the 7th and 8th grade level to satisfy all or part of the high school fine arts requirement. No actual credit is awarded on the high school transcript but the requirement to take Fine Art for graduation is waived (in part or in full). The student however, is required to complete either one unit (1 credit) or one-half unit (.50 credits), in another course of study to meet the 21 credits required for graduation. Any student wishing to enter a four year college must follow the “college core” by completing 1 full credit of Fine Art at the high school.

How is credit exempted?: One- half credit (.50) is waived if the student has completed a fine arts course(s) for the equivalent of one semester during the student’s 7th and/or 8th grade year. One full credit (1.0) is waived if the student completed at least two full semesters of fine arts during the student’s 7th and/or 8th grade year. Credit will be waived from the student’s transcript automatically upon promotion from 8th grade to 9th grade.

OHIO HIGH SCHOOL HONORS DIPLOMA

Students need to fulfill all but **one** criterion for any of the following diploma with honors:

| Criterion | Academic Honors Diploma | Career Tech Honors Diploma |
|------------------------------|--|--|
| Math | 4 units, Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content |
| Science | 4 units, including two units of advanced science | 4 units, including two units of advanced science |
| Social Studies | 4 units | 4 units |
| World Languages | 3 units of one world language, or no less than 2 units of each of two world languages studied | 2 units of one world language studied |
| Fine Arts | 1 unit | N/A |
| Electives | N/A | 4 units of Career-Technical minimum |
| GPA | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale |
| ACT/SAT/WorkKeys | 27 ACT/1280 SAT | 27 ACT/1280 SAT/WorkKeys (6 Reading for Information & 6 Applied Mathematics) |
| Field Experience | N/A | Complete a field experience and document the experience in a portfolio specific to the student's area of focus |
| Portfolio | N/A | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts |
| Additional Assessment | N/A | Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent |

*****Students may replace World Language, GPA, or ACT/SAT with the following options: College Credit Plus of 12 hours, 3 AP courses with 3 or higher on AP tests, CTAG 12 total credits, Apprenticeship completion, WorkKeys 6 of 6 or higher on all tests, ASVAB score of 50 or above, or Work-Based Learning of 250 hours.**

OHIO HIGH SCHOOL HONORS DIPLOMA cont.

Students need to fulfill all but **one** criterion for any of the following diploma with honors:

| Criterion | STEM Honors Diploma | Arts Honors Diploma (Includes dance, drama/theater, music, and visual art) | Social Science & Civic Engagement Honors Diploma |
|------------------------------|--|--|--|
| Math | 5 units, Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course or 4 course sequence that contains 4 equivalent or higher content | 4 units, Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra 1, Geometry, Algebra 2 (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content |
| Science | 5 units, including two units of advanced science | 3 units, including one unit of advanced science | 3 units, including one unit of advanced science |
| Social Studies | 3 units | 3 units | 5 units |
| World Languages | 3 units of one world language, or no less than 2 units of each of two world languages studied | 3 units of one world language, or no less than 2 units of each of two world languages studied | 3 units of one world language, or no less than 2 units of each of two world languages studied |
| Fine Arts | 1 unit | 4 units | 1 unit |
| Electives | 2 units with a focus in STEM courses | 2 units with a focus in fine arts course work | 3 units with a focus in social sciences and/or civics |
| GPA | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale |
| ACT/SAT | 27 ACT/1280 SAT | 27 ACT/1280 SAT | 27 ACT/1280 SAT |
| Field Experience | Complete a field experience and document the experience in a portfolio specific to the student's area of focus | Complete a field experience and document the experience in a portfolio specific to the student's area of focus | Complete a field experience and document the experience in a portfolio specific to the student's area of focus |
| Portfolio | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts |
| Additional Assessment | N/A | N/A | N/A |

*****Students may replace World Language, GPA, or ACT/SAT with the following options: College Credit Plus of 12 hours, 3 AP courses with 3 or higher on AP tests, CTAG 12 total credits, Apprenticeship completion, WorkKeys 6 of 6 or higher on all tests, ASVAB score of 50 or above, or Work-Based Learning of 250 hours.**

ACADEMIC RECOGNITION AT COMMENCEMENT

We believe it is important for universities to look carefully at the individual applicant to see beyond class designations, which can sometimes be skewed in a competitive high school like MHS. Seniors will be honored at commencement based upon the following standards of academic achievement:

- Valedictorians: (Class of 2018 and beyond): 4.1 GPA (seven semesters) Transcripts will reflect 5%, 10%, 20% and 50% of each graduating class.
- Summa Cum Laude: 4.000+ (seven semesters)
- Magna Cum Laude: 3.750 to 3.999 (seven semesters)
- Cum Laude: 3.500 to 3.749 (seven semesters)

Two Valedictorians will be selected to speak at commencement. Candidates will submit an application and speech to a panel of teachers who will make the selections.

FOUR YEAR COLLEGE REQUIREMENTS

Use this chart to guide you in your course selection.

| Credit | Subject | Requirements |
|-------------------|--|--|
| 4 | English | |
| 4 | Math | Must include Algebra 2 or equivalent |
| 3 (4 recommended) | Science | 1 Physical Science, 1 Life Science, 1 Advanced Science |
| 3 (4 recommended) | Social Studies | US History, US Government, & World Studies |
| 2 (3 recommended) | World Language | Minimum 2 years in same language |
| 1 | Visual/Performing Art | Taken during high school year |
| .5 | Health | |
| .5 | Physical Education/Exemption | No credit for exemption |
| 3 | Electives Credits | |
| NA | Financial Literacy - Students Entering 9th grade Prior to July 2022 Financial Foundations and Economics, U.S. Government, Personal Finance Management, Agri-Business Mgmt. 1 & 2, Accounting/Finance or Personal Finance (Business Department), or Strategic Entrepreneurship, meets this requirement. AP Government does not meet this requirement. Financial Literacy - Students Entering 9th grade July 2022 and Beyond - Under Ohio law, students entering 9th grade on or after July 1, 2022, must earn one half credit of financial literacy as a graduation requirement. | |
| 21 | Total credits required to graduate | |

ADVANCED STANDING PROGRAMS

Marysville High School is a comprehensive secondary school that offers a robust, well-rounded curriculum that includes numerous Advanced Placement, College Credit Plus, and elective offerings. Within this curriculum, students may create a pathway such as Agriculture & Environmental Science, the Arts, Business, Global Studies, or create their own Independent pathway. These pathways will provide students a chance to take a cluster of courses based upon their interest which could result in college credit, a credential(s) such as the Global Scholars Diploma, a workforce certificate, professional certifications, and/or field experiences, apprenticeships, internships, and capstone projects.

Menu of Advanced Standing Programs:

1. Advanced Placement
2. Career Tech through Ohio Hi-Point Career Center
3. College Credit Plus (MHS campus, college campus, online courses)
4. Credit Flexibility (see pgs. 4-5)

Advanced Placement: AP courses are equivalent to first-year college courses and recognized as the gold standard for measuring academic excellence. Teachers have been trained and the course curriculum approved by College Board. College credit may be earned by passing the exam in May with a score of “3” or higher. Most universities in the U.S. accept AP credit. To check the AP credit policy of universities go to: www.collegeboard.org/apcreditpolicy.

Career Tech: This two-year curriculum is designed to dovetail into a college degree. In conjunction with Ohio Hi-Point, you earn college credit at no cost. <https://www.ohiohipoint.com/>.

College Credit Plus: College Credit Plus allows a student to take college classes on a college campus, online, or at the home school (MHS). Students must meet the admission criteria of the university to participate. College Credit Plus courses enable a student to earn high school and college credit concurrently. Teachers at MHS who meet the requirements for adjunct professor status, will work with the college professors in offering the same college curriculum offered at the college. These credits will transfer to most colleges in Ohio and throughout the U.S. However, final acceptance of credit is up to the discretion of the individual institution.



College Credit Plus

College credit may be available for the courses listed below, providing there is availability of approved staff, space in the approved adjunct professor's class, and sufficient enrollment. The student must complete the intent form, meet the admission requirements (qualifying ACCUPLACER scores, ACT/SAT scores, & GPA), and complete the college's application by the deadline of the college partner. The below chart represents what Marysville High School currently expects to offer in the 2024-2025 school year. The courses are first-come, first-served providing there is space available in the class. Students participating in College Credit Plus are subject to the specific institution's course drop policy and procedures. Students may be charged the cost of tuition if they fail the course or drop after the college's deadline. College Credit Plus courses have the same course content and student expectations as a general college course on a college campus.

| |
|---|
| 2025-2026 MHS College Credit Plus Projected Course Offerings |
|---|

Columbus State Community College

ENG 1100 Composition I - 3 Sem. Hrs.

ENG 2367 Composition II - 3 Sem. Hrs.

BMGT 1101 Principles of Business - 3 Sem. Hrs.

BMGT 1102 Interpersonal Skills - 2 Sem. Hrs.

BMGT 1008 21st Century Skills for the Workplace - 2 Sem. Hrs.

BOA 1131 Keyboarding & Document Formatting - 2 Sem. Hrs.

FMGT 1101 Personal Finance - 3 Sem. Hrs.

BMGT 1210 21st Century Supervision - 3 Sem. Hrs.

MKTG 1230 Customer Service & Sales - 3 Sem. Hrs.

MKTG 1105 Retail - 3 Sem. Hrs.

SCM 1100 Supply Chain Management Principles - 3 Sem. Hrs. (Not offered 2025-2026)

SCM 1190 International Commerce - 3 Sem. Hrs. (Not offered 2025-2026)

SCM 1510 Strategic Procurement - 3 Sem. Hrs. (Not offered 2025-2026)

Clark State Community College

ACC 1100 Introduction to Financial Accounting - 4 Sem. Hrs.

ACC 1200 Managerial Accounting - 4 Sem. Hrs.

ITS 1105 Computer Concepts and Software Applications - 3 Sem Hrs.

| 15 Hour Suggested Pathway | |
|---|--------------------|
| English 1100 Composition 1 | 3 semester credits |
| English 2367 Composition II | 3 semester credits |
| ACC 1100 Intro. to Financial Accounting | 4 semester credits |
| ACC 1200 Managerial Accounting | 4 semester credits |
| COLS 1100 First Year Experience Seminar | 1 semester credit |
| 30 Hour Suggested Pathway | |
| Math 1149 | 4 semester credits |
| FMGT 1101 Personal Finance | 3 semester credits |
| Marketing Principles | 3 semester credits |
| College Algebra 1148 | 4 semester credits |
| The Practice of Statistics | 3 semester credits |

AGRICULTURAL SCIENCES

In the Agricultural Sciences Department you can choose to enroll in a career pathway OR you may take classes outside of a pathway. Currently, 5 Pathway Options exist. If you choose to enroll in a pathway; college credit, industry credentials/certifications, internships, and other opportunities may also be made available to you. You may enter a pathway at any point during your high school career, however the earlier you enroll, the more options will be available to you.

Agricultural & Environmental Systems Career Field Pathway Options 2025-2026

(Courses listed alphabetically, not necessarily in a required sequence)

| Agribusiness | Power, Structural, and Technical Systems | Animal & Veterinary Science | Horticulture, Landscaping, and Turf | Natural Resources |
|--|--|---|--|-----------------------------------|
| Food & Natural Resources | Food & Natural Resources | Food & Natural Resources | Food & Natural Resources | Food & Natural Resources |
| Ag Business I | Ag Business I | Ag Business I | Ag Business I | Ag Business I |
| Ag Business II | Ag & Industrial Power | Animal Health | Floral Design & Marketing | Parks and Recreational Management |
| Animal Health | Electronics & Electrical Systems | Companion Animal Selection, Nutrition, and Management | Greenhouse, Landscape & Nursery Management | Wildlife & Fisheries |
| Greenhouse, Landscape & Nursery Management | Outdoor Power and Technology | Livestock Selection, Nutrition, and Management | Landscape Systems Management | Ag Capstone |
| Livestock Selection, Nutrition, and Management | Power Sports | Medical Terminology | Parks and Recreational Management | |
| Mechanical Principles | Ag Capstone | Veterinary Science | Ag Capstone | |
| Ag Capstone | | Ag Capstone | | |

College Credit also available through Wilmington College. In order to receive this credit, students must complete a pathway and could be awarded up to 4 semester hours of college credit. See an Agricultural Teacher for additional information on how to complete these credits.



*Do you want to join the FFA? You must be enrolled in at least one of the Agricultural Science courses. Membership is not a requirement to take a course, however you can not be a member or participate in FFA field trips, conventions, or camps unless you are taking at least one class in the Ag Science Department.

NCAA Eligibility Information: Agricultural Advanced Science courses like Animal Health do not count towards NCAA core courses. Go to <http://www.ncaa.org/student-athletes/future/core-courses> for additional information.

FOOD & NATURAL RESOURCES

Course #: AG101

Grade: 9-10 recommended

Prerequisite: None

Credit: 1.25 Elective

Program Type: Vocational, General, or College Prep

Fee: \$20.00

Industry Credential (Optional): Ohio Agribusiness Association Industry Credential (12 points)

Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology, woodworking, welding and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

AG. & INDUSTRIAL POWER

Course #: AG120

Grade: 9-12

Prerequisite: Proper personal protective equipment is required everyday and must be purchased separately

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$60.00

Industry Credential (Optional): OSHA General Industry Safety (1 point)

Students will apply their knowledge and skills of troubleshooting and diagnostics to ensure the safe operation, maintenance, and repair of agricultural and industrial power equipment. Students will apply the principles of power technology equipment systems when making repairs, which include electronic and electrical systems, engines and fuels, hydraulic and pneumatic systems and power trains. Additionally, students will learn to safely operate and maintain equipment. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*



AGRI-BUSINESS MANAGEMENT I

Course #: AG200

Grade: 10-12

Prerequisite: None

Credit: 1.25 for class + up to 2.00 for work

Program Type: Vocational, General, College Prep, *CTAG
(College Credit) Available or Articulated Credit with UNOH

Fee: \$25.00

Industry Credentials (Optional): Ohio Agribusiness Association Industry Credential (12 points)

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. Students will also be eligible to apply for College Credit for this class at any State Institution that offers an Agricultural Business program. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

****This course meets the Financial Literacy graduation requirement.**



AGRI-BUSINESS MANAGEMENT II

Course #: AG211

Grade: 11-12

Prerequisite: Agri-Business Management I

Credit: 1.25 for class and up to 2.00 for work

Program Type: Vocational, General, or College Prep

Fee: \$25.00

Industry Credential (Optional): Lead 4 Change Leadership Credential (3 points)

Learn how to run the day to day operations of a business. You will run all the business side of the FFA, while building relationships with local companies. You will be taking an active leadership role in FFA and learn vital communication skills. Be ready to run your own business with the skills taught in this class. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

ANIMAL HEALTH

Course #: AGS110

Grade: 9-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Students will examine causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens, and classifying types of diseases and disorders. Students will perform animal health assessments and compare to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems, and research issues affecting the industry. We will be working with live animals as well as performing dissections in this course. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation.



COMPANION ANIMAL SELECTION, NUTRITION & MANAGEMENT

Course #: AGS160

Grade: 9-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Calling all pet owners! If you are interested in learning more about the proper care, management, and selection of companion animals like dogs and cats, then this class is for you! Topics covered include breed ID, anatomy, nutrition and health, handling, grooming, training, and responsible breeding programs. The class will also answer questions about animals raised for research purposes, and our role to ensure animal welfare in all aspects of pet ownership. We will be working with live animals as well as performing dissections in this class. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation.



ELECTRONICS & ELECTRICAL SYSTEMS

Course #: AGS252

Grade: 10-12

Prerequisite: Recommend Ag. & Industrial Power; Proper personal protective equipment is required everyday and must be purchased separately

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$60.00

Students will diagnose, test and repair the electronic and electrical components found in industrial power equipment. Students will learn the physical principles of electricity and apply this knowledge in the maintenance, diagnostics and repair of electrical and electronic systems. Students will learn the physical and mathematical principles of electronics, controllers and sensors and will learn the operation of onboard computers and programmable controllers. Site and personal safety along with business and employability skills are emphasized throughout the course. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation.



FLORAL DESIGN & MARKETING

Course #: AG110

Grade: 9-12

Prerequisite: None - AFNR recommended

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Students will use principles and elements of design to create various types and styles of floral arrangements with natural and artificial plants and plant products. Topics will include identification of ornamental plants and cut flowers, use of design materials, and storage and handling applications. Students will develop successful business, communication, marketing, and sale strategies for use in the floral industry.



GREENHOUSE, LANDSCAPE & NURSERY MANAGEMENT

Course #: AGS220

Grade: 9-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program Type: Vocational, General, College Prep, or *CTAG (College Credit)
Available or Articulated Credit with Clark State CC

Fee: \$20.00

Industry Credentials (Optional): Ohio Certified Nursery Technician Grower

(12 points); BASF Plant Science Certification (6 points); ODA Pesticide

Applicator License (3 points); Ohio Agribusiness Association Industry Credential (12 points)

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. Students will also assist with maintaining bedding plants around MHS. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.* **Students will also be eligible to apply for College Credit for this class at any State Institution that offers an Ag Business/Greenhouse or Plant Science program.**



LANDSCAPE SYSTEMS MANAGEMENT

Course #: AGS225

Grade: 10-12

Prerequisite: Proper dress to work outside in all weather conditions is expected. Work-type pants and boots are essential for safe operation of equipment, and will need to be purchased for the course.

Program Type: Vocational, General, College Prep, or *CTAG (College Credit)

Fee: \$25.00

Industry Credentials (Optional): Ohio Certified Nursery Technician - Landscape (12 points); ODA Pesticide Applicator License (3 points)

Students will learn methods for establishing and managing landscapes to promote growth and balance. The classification and care of woody and herbaceous landscape plants will be learned. Students will learn to optimize growing conditions, balance nutrients, and manage pests and disease. They will apply proper planting, fertilizing, and pruning techniques while safely operating well maintained specialized equipment. Throughout the course, students will assess implications of landscape installation on the environment, and employ communication, business, and management strategies. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

LIVESTOCK SELECTION, NUTRITION, AND MANAGEMENT

Course #: AGS101

Grade: 9-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program type: Vocational, General, or College Prep

Fee: \$20.00

Industry Credentials (Optional): Elanco Fundamentals of Animal Science Certification (6 points); Ohio Agribusiness Association Industry Credential (12 points)

Students will identify and apply principles of routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance. We will be working with live animals as well as performing dissections in this course. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*



MECHANICAL PRINCIPLES

Course #: AGS250

Grade: 10-12

Prerequisites: Algebra I; proper personal protective equipment is required everyday and must be purchased separately

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$60.00

Industry Credential (Optional): Ohio Agribusiness Association Industry Credential (12 points)

Students will engage in the building principles utilized in animal and plant production systems. This class focuses on construction skills in both metal and wood materials. Students will build a variety of wood and metal projects. Additional topics include electrical theory, design, and wiring, hydraulic and pneumatic theory, and the fundamentals of laying concrete, and masonry. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*



MEDICAL TERMINOLOGY

Course #: AGS165

Grade: 10-12

Prerequisite: Recommend Veterinary Science

Credit: 1.25 Advanced Science

Program Type: Vocational, General, College Prep, or *CTAG (College Credit) available

Fee: \$40.00

Industry Credential (Optional): American Heart CPR/First Aid (1 point)

This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.* **Students will also be eligible to apply for College Credit for this class at any State Institution that offers either an Animal Medicine or Human Medical program.**



OUTDOOR POWER AND TECHNOLOGY (Not Offered 2025-2026)

Course #: AGS121

Grade: 10-12

Prerequisite: Ag. & Industrial Power (can be taken concurrently); proper personal protective equipment is required everyday and must be purchased separately

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Students will perform preventive maintenance, diagnose, and repair outdoor power equipment. Students will learn the theory of power and examine the aspects of repairing various engines, driving trains, and ancillary systems that make up modern compact powered equipment. Students will develop troubleshooting skills for 2-and 4-stroke engines, electrical and fuel systems. Throughout the course, students will maintain site and follow personal safety procedures along with developing an understanding of business. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation.



PARKS AND RECREATIONAL MANAGEMENT (Not Offered 2025-2026)

Course #: AGS221

Grade: 10-12

Prerequisite: Proper dress to work outside in all weather conditions is expected. Work-type pants and boots are essential for safe operation of equipment, and will need to be purchased for the course.

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Students will design facilities, develop educational programs and manage resources for use in public recreation. Students will maintain and operate equipment for maintaining wildlife habitat and supporting a variety of public recreational activities and facilities. Throughout the course, students will develop marketing and programming skills for park development, apply management practices to park operations and learn the systems required to maintain public safety. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation.



POWER SPORTS

Course #: AGS222

Grade: 10-12

Prerequisite: Ag & Industrial Power Electronics & Electrical Systems; proper personal protective equipment is required everyday and must be purchased separately

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$40.00

Industry Credential (Optional): Master Service Technician Industry Credential (9 points)

Students will perform maintenance and repair of powersport vehicles. Students will learn engine theory, components, lubrication and cooling in order to troubleshoot, service, and repair. Topics also include the maintenance of electrical, fuel, air, exhaust, suspension, transmission, and braking systems. Students will maintain site and personal safety and develop understanding of business principles throughout the course. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

VETERINARY SCIENCE

Course #: AGS150

Grade: 10-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program Type: Vocational, General, or College Prep

Fee: \$60.00



Industry Credentials (Optional): Elanco Veterinary Medical Applications Certification (6 points); OSHA Veterinary Medicine (1 point)

Students will learn the causes, symptoms, and treatment of common diseases with special emphasis on developing preventative health management plans and breeding programs. Topics include veterinary pharmacology, radiology and imaging techniques, principles of surgery, safe laboratory skills, and the concepts of ethics and professionalism in the workplace. Students will develop skills in inquiry and statistical methods. Throughout the course, learners will utilize principles of technology to manage information systems, and research issues affecting the industry. We will be working with live animals as well as performing dissections in this class. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

WILDLIFE & FISHERIES

Course #: AGS120

Grade: 10-12

Prerequisite: None

Credit: 1.25 Advanced Science

Program Type: Vocational, General, College Prep, or *CTAG (College Credit) Available

Fee: \$25.00



Industry Credential (Optional): Ducks Unlimited Ecology Conservation and Management Certification (6 points)

Learners will apply the principles and practices of resource conservation and management to fish and wildlife populations. Students will learn proper wild animal handling techniques, principles of wildlife nutrition, inventory practices, water quality parameters and testing, and natural and artificial propagation. Learners will apply principles of facility design and layout for managing fish populations. Throughout the course, learners will research and evaluate the impacts of various land practices, legislation, and human activities on habitats and populations. We will be working with Ohio Department of Wildlife Officials and be conducting projects that are pressing in local wildlife conservation and preservation. This course may be taken toward fulfillment of the 3rd credit of Science required for graduation. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement. Students will also be eligible to apply for College Credit for this class at any State Institution that offers a Natural Resources program.*

CAPSTONE COURSE OPTIONS

Grade: Instructor Approval

Prerequisite: Grades 10-12. Must be currently enrolled in an Agriculture Department Class. Must have taken or currently enrolled in their 2nd Agricultural Class.

Credit: Up to 1.00

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal (Internship only)

Program Type: Vocational, General, or College Prep

Fee: None

Industry Credentials (Optional): Over 20 options available, see a teacher for details

Students interested in expanding their learning in a personalized course may choose the capstone option that best fits their interests and goals. This class is for upper level Ag students who have taken at least 2 Agricultural classes. This class is more self-directed in nature to allow for specialization for each student. To enroll in this class students must get instructor approval. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.*

Ag Capstone

Course #: AG500

Agricultural Internship

Course #: AG501

FFA Officer Capstone

Course #: AG505

*CTAG credit will be awarded to students who maintain a C average for the course and attain the state mandated cut-off score on the end of course exam. CTAG credit will be given pending approval by the Ohio Department of Education. The awarding of CTAG credit does not affect high school credit at all. Students will apply for CTAG credit at the conclusion of the class.

AUTO TECH

The Auto Tech program will prepare students for technical and professional level careers in Auto Tech. Students will learn various concepts and theories through a hands on approach in this pathway.

| | |
|----------------------------------|---|
| 11 | 12 |
| Auto Maintenance Auto Braking | Auto Powertrain Auto Engine Performance Transportation Capstone |

Postsecondary majors for which this pathway prepares students include: Autobody/Collision and Repair Technology/Technician, Automobile/Automotive Mechanics Technology/Technician, Automotive Engineering Technology/Technician, Diesel Mechanics Technology/Technician, Heavy/Industrial Equipment Maintenance Technologies, Other Mechanic and Repair Technologies/Technicians, and Medium/Heavy Vehicle and Truck Technology/Technician

AUTO MAINTENANCE (FALL)

Course #: AT300

Prerequisite: None

Credit: 1.0

In this first course, students will apply the skills needed to inspect and perform general service on vehicles. Students will research applicable service information and technical service bulletins, and perform maintenance on vehicles. Students will inspect and service engine, drive train, sus, filters and inspect vehicles for leaks and fluid conditions. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

AUTO BRAKING (SPRING)

Course #: AT303

Prerequisite: Auto Maintenance

Credit: 1.0

Students will perform inspections, troubleshoot malfunctions and service automotive undercarriage systems. Students will identify poor performing hydraulic brake systems and replace malfunctioning components. Students will install coil and leaf springs, shock absorbers and struts, and replace wheel bearings. Students will inspect and replace automotive steering components and perform wheel alignments. Additionally, students will disable and enable supplemental restraint systems (SRS) and replace anti lock brake systems components. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

AUTO POWERTRAIN (FALL)

Course #: AT302

Prerequisite: Auto Maintenance

Credit: 1.0

Students will inspect, adjust and repair internal combustion engines and drivetrain. Topics include physical and mechanical principles of engines, transmissions and transaxles, differentials and cooling systems. Students will learn precision measurement, inspection, and reconditioning techniques. Students will also identify customer's needs, determine labor rates, and create estimates. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

AUTO ENGINE PERFORMANCE (SPRING)

Course #: AT304

Prerequisite: Auto Maintenance

Credit: 1.0

Students will research vehicle service histories using model specific service bulletins. Students will test and diagnose for engine performance in fuel, air induction and exhaust systems using advanced testing procedures. Topics include computerized engine controls including retrieving and recording diagnostic trouble codes using On Board Diagnostics (OBD). Additionally, students will diagnose driveability and emissions problems resulting from malfunctions of interrelated systems. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

TRANSPORTATION CAPSTONE (SENIOR YEAR)

Course #: AT400

Prerequisites: Senior and permission of Instructor

Credit: 1.0

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

| Credentials | Points |
|-------------------------------------|--------|
| ASE Student A8 (Engine Performance) | 3 |
| ASE Student A5 (Auto Braking) | 3 |

BUSINESS PATHWAYS

Business Pathways, Columbus State Preferred Pathways and Certification Opportunities

To show career and college readiness, students may earn a series of administrative business certificates with bonus credentials within each pathway in addition to their high school diploma. The certificates indicate that the student has committed to acquiring a strong foundation in **Accounting and Finance, Foundations of Business, Office Specialist, and General Business**. To earn a business certificate, students must meet the criteria listed below for each of the pathway areas. Students can qualify and receive more than one certificate. Community Service hours may be documented on a form received by the Business Department. GPA for all Business courses must be 3.5 or higher to receive a Business Certificate.

Preferred Pathway Partner (Columbus State Community College)

If you participate in the Columbus State Preferred Pathway® program, you'll be guaranteed admission when you transfer to any one of nine great regional colleges and universities. Preferred Pathway saves you both time and tuition because you take only the courses needed for your degree. [Get detailed information on the Preferred Pathway](#) or click any of the links below. The pathway links below include the plan of study from Columbus State. Additional classes may be added in future years. While we cannot offer every course for each pathway, we can provide a strong foundation towards each certificate/degree that allows students to gain marketable skills and be college or career-ready.

Click on the following links to investigate the following Business Pathways and Credentials:

COLUMBUS STATE PATHWAYS

[BUSINESS ADMINISTRATION ASSOCIATE OF APPLIED SCIENCE \(AAS\)](#)

[BUSINESS MANAGEMENT ASSOCIATE OF APPLIED SCIENCE \(AAS\)](#)

[FOUNDATIONS OF BUSINESS CERTIFICATE](#)

[OFFICE SPECIALIST CERTIFICATE](#)

[BOOKKEEPING CERTIFICATE](#)



INDUSTRY-RECOGNIZED CREDENTIALS

[MICROSOFT OFFICE CERTIFICATIONS](#)

[QUICKBOOKS CERTIFICATIONS](#)

PROFESSIONAL ORGANIZATION

National Business Honor Society

Est. 2022-2023



****To apply to be in the National Business Honor Society, you must have taken at least three (3) business courses, be currently enrolled in your third business course, or have your third business course scheduled for next school year (all scheduled courses will be verified). You must have a business course GPA of 3.5 to qualify.**

HIGH SCHOOL COURSE:

ACCOUNTING / FINANCE

Course #: BUS200

Grade: 10-12

Prerequisite: 3.0 GPA or recommendation from Instructor

Credit: 1.0 (year course)

Program Type: Career & College Ready

Fee: \$25.00

Planning to attend a two or four-year college after graduation? You will get a firm foundation for college accounting, which business administration students must take. Computerized accounting will be introduced in the second semester. The skills you master will help you obtain an entry-level office job and help you maintain personal financial records. This course is designed and aligned with the College Credit Plus standards and will have the expectations, pace, and skill set criteria needed on a college campus. Concentration is given on fundamental accounting concepts, terms, and procedures—emphasis on analyzing, classifying, and recording accounting data.

CLARK STATE COMMUNITY COLLEGE COURSE:

ACC 1100 INTRODUCTION TO FINANCIAL ACCOUNTING

Course #: ACC1100

Grade: 10-12

Prerequisite: Admission Letter from Clark State and Placement Score

High School Credit: 2.00 (year course) Weighted Course (1 Credit for BOA 1111 and 1 Credit for ACC 1100)

College Credit: 4 semester hours ACC 1100/3 semester hours Bookkeeping BOA 1111

Fee: None

Clark State requires students to show college readiness through cut-off scores on the Accuplacer or ACT/SAT. The ACC 1100 course is designed and aligned with the College Credit Plus standards and will have the expectations, pace, and skill set criteria needed on a college campus. Concentration is given on fundamental accounting concepts, terms, and procedures. Emphasis on analyzing, classifying, and recording accounting data.



CLARK STATE COMMUNITY COLLEGE ONLINE COURSE FIRST SEMESTER:

BOA 1111 BOOKKEEPING

Covers the accounting cycle for a service business, including analysis of business transactions, journalizing, posting, adjusting and closing entries, and financial statement preparation. Special journals that are used in a merchandising business are also covered. Transactions involving payroll accounting, bank accounts, and cash funds are also covered.

<https://www.clarkstate.edu/academics/academic-catalog/>

HIGH SCHOOL COURSE:

ADVANCED ACCOUNTING

Course #: BUS210

Grade: 11-12

Prerequisite: Accounting/Finance

Credit: 1.00 (year course)

Program Type: Career & College Ready

Fee: \$25.00

Looking for a college-level Accounting class? This course is designed to meet the needs of students pursuing a business degree at the university level. Students will investigate advanced computerized accounting and accounting spreadsheet applications using a hands-on approach. Students will analyze realistic transactions for a variety of business applications. Time will be spent on generating financial statements, spreadsheets, and other management information reports. This course is designed and aligned with the College Credit Plus standards and will have the expectations, pace, and skill set criteria needed on a college campus. Theories, standards, and practices related to the analysis of accounting data as part of the managerial process of planning, decision-making, and control will be emphasized.

CLARK STATE COMMUNITY COLLEGE COURSE:

ACC 1200 MANAGERIAL ACCOUNTING

Course #: ACC1200

Grade: 11-12

Prerequisite: ACC 1100

High School Credit: 1.00 (year course) Weighted Course

College Credit: 4 semester hours

Fee: None

Clark State requires students to show college readiness through cut-off scores on the Accuplacer or ACT/SAT. This course is designed to meet the needs of students pursuing a business degree at the university level. Students will investigate advanced computerized accounting and accounting spreadsheet applications using a hands-on approach. Students will analyze realistic transactions for a variety of business applications. Time will be spent on generating financial statements, spreadsheets, and other management information reports. This course is designed and aligned with the College Credit Plus standards and will have the expectations, pace, and skill set criteria needed on a college campus. Theories, standards, and practices related to the analysis of accounting data as part of the managerial process of planning, decision making, and control will be emphasized.

<https://www.clarkstate.edu/academics/academic-catalog/>



ADVANCED COMPUTER APPLICATIONS*

Course #: BUS120

Grade: 11-12

Prerequisites: Computer Keyboarding and Computer Applications

Credit: .50 (offered FIRST semester only)

Program Type: Career & College Ready

Fee: \$35.00

This course is the last of a three-part series of classes to become a Microsoft Office Specialist (MOS). Students will review and expand their knowledge in Word, PowerPoint, Excel & Access using the end-of-chapter labs and projects throughout this course. Students can use the official training site that many technical schools use to become Microsoft Certified in Office. <https://certiport.pearsonvue.com/Certifications/Microsoft/MOS/Overview>



*College credit can be earned by completing Microsoft Certifications in the four (4) core areas.

HIGH SCHOOL COURSE:

COMPUTER KEYBOARDING / WORD PROCESSING

Course #: BUS100

Grade: 9-12

Prerequisite: None

Credit: .50 (semester course)

Program Type: Career & College Ready

Fee: \$7.00

Emphasize beginning touch-typing skills/proper keyboarding techniques, and document formatting using word processing software. Basic business documents such as letters, memos, and tables are included. Drill practice is integrated to develop speed, accuracy, and correct finger placement.

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

BOA 1131 KEYBOARDING AND DOCUMENT FORMATTING

Course#: BOA1131

Grade: 9-12

Prerequisite: Admission Letter from CSCC and Placement Score

High School Credit: .67 (semester course) Weighted Course

College Credit: 2 semester hours

Fee: None

Emphasize beginning touch-typing skills/proper keyboarding techniques, and document formatting using word processing software. Basic business documents such as letters, memos, and tables are included. Drill practice is integrated to develop speed, accuracy, and correct finger placement.

<https://www.csccl.edu/pathway/index.htm>



HIGH SCHOOL COURSE:

COMPUTER APPLICATIONS

Course #: BUS110

Grade: 9-12

Prerequisite: Computer Keyboarding Recommended

Credit: .50 (semester course)

Program Type: Career & College Ready

Fee: \$20.00

Provide students with the opportunity to use the computer as a problem-solving tool. This class provides an overview of computer concepts and Microsoft Office. Students will learn how to use Word to create documents and flyers, proper formatting for research papers, and more - using Excel for spreadsheets to develop budgets and understand how formulas work within sheets and workbooks. We will end the class by learning multiple ways to create a PowerPoint presentation.

CLARK STATE COMMUNITY COLLEGE COURSE:

ITS1105 COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS

Course #: ITS1105

Grades: 9-12

Prerequisite: Admission Letter from Clark State, Placement Score, and BOA 1131 or
Computer Keyboarding/Word Processing

High School Credit: 1.00 (semester course) Weighted Course

College Credit: 3 semester hours

Fee: None

Provide students with the opportunity to use the computer as a problem-solving tool. This class provides an overview of computer concepts and Microsoft Office. Students will learn how to use Word to create documents, flyers, proper formatting for research papers, and so much more - using Excel for spreadsheets to develop budgets and understand how formulas work within sheets and workbooks. We will end the class by learning multiple ways to create a presentation using PowerPoint. <https://www.clarkstate.edu/academics/academic-catalog/>



Course #: BUS260**Grade:** 10-12**Prerequisite:** Admission Letter from College plus MHS CCP Coordinator and MHS Business Instructor Permission**Credit:** .25 (semester course - graded Pass/Fail)**Program Type:** Career & College Ready**Fee:** None

Interested in pursuing an online college credit course from a university of your choice? Interested in jumpstarting your college or career coursework? Be a member of the CCP Club (College Credit Plus Club) to receive essential college survival and success skills. This particular opportunity is for the student who wants to add additional validation of computer, technical and business knowledge to a committed Business Pathway by enrolling in an online distance learning college course of their pursued interests. It is the student's sole responsibility of meeting any and all admission requirements of a said online college course. Marysville High School Business Instructors will provide mentorship, location, and a period during the school day for this student-driven opportunity.

*** The list below contains CSCC Business Pathways online courses only. This list may change, so please consult Brent Johnson, CCP Coordinator, your guidance counselor, and a business instructor.

| | | |
|------------------|---|------------|
| BOA 1150 | OFFICE PROCEDURES | 3.0 |
| BOA 1132 | ADVANCED DOCUMENT FORMATTING | 2.0 |
| BOA 1200 | BUSINESS LANGUAGE | 2.0 |
| BMGT 2250 | PROJECT MANAGEMENT PRINCIPLES | 3.0 |
| BMGT 2216 | BUSINESS ETHICS | 3.0 |
| BMGT 2258 | OPERATIONS MANAGEMENT | 3.0 |
| BMGT 2299 | CASE STUDIES IN STRATEGIC MANAGEMENT | 3.0 |
| FMGT 2201 | CORPORATE FINANCE | 3.0 |

BMGT 1102 INTERPERSONAL SKILLS**Course#:** BMGT1102**Grade:** 10-12**Prerequisite:** Admission Letter from CSCC and Placement Score**High School Credit:** .67 (semester course) Weighted Course**College Credit:** 2 semester hours**Fee:** None

This course introduces the student to management themes and the five primary skill sets required to be a successful manager. This course provides opportunities for students to begin to learn, develop, and apply managerial skills through personal assessments and the study of temperament and personality type. It also offers an introduction to various skill concepts and behavior models. For more information on how you may earn the first two years of your bachelor's degree, go to <https://www.csc.c.edu/pathway/index.htm>

FMGT 1101 PERSONAL FINANCE**Course#:** FMGT1101**Grade:** 11-12**Prerequisite:** Admission Letter from CSCC and Placement Score**High School Credit:** 1.00 (semester course) Weighted Course**College Credit:** 3 semester hours**Fee:** None

This course presents a lifetime program of money management for the individual. Topics such as budgets, savings, job searches, house buying, insurance, mutual funds, stock market, real estate investments, taxes, and estate planning are covered. Students will be able to write a basic personal financial plan.

<https://www.csc.c.edu/pathway/index.htm>

****This course meets the Financial Literacy graduation requirement.**

BMGT 1008 21ST CENTURY SKILLS FOR THE WORKPLACE**Course#:** BMGT1008**Grade:** 10-12**Prerequisite:** Admission Letter from CSCC and Placement Score**High School Credit:** .67 (semester course) Weighted Course**College Credit:** 2 semester hours**Fee:** None

In the BMGT 1008 course, students learn the contemporary skills needed to compete effectively in a rapidly changing global workplace environment. A survey of interpersonal communication, conflict resolution, teamwork, problem-solving, ethics, professional development, and leadership is included. Students will participate in community internships, shadowing, or simulated world experiences related to workplace scenarios. This course is a technical elective within the CSCC Business Management Program. For more information on how you may earn the first two years of your bachelor's degree, go to <https://www.csc.c.edu/pathway/index.htm>.

BMGT 1101 PRINCIPLES OF BUSINESS

Course#: BMGT1101

Grade: 10-12

Prerequisite: Admission Letter from CSCC and Placement Score

High School Credit: 1.00 (semester course) Weighted Course

College Credit: 3 semester hours

Fee: None

This course provides an overview of the various functions and activities of business enterprises. Marketing, human resources, accounting and finance, and operations are examined. Additionally, the topics of globalization and economics are covered. Students will learn important business terms and definitions. For more information on how you may earn the first two years of your bachelor's degree, go to <https://www.csc.edu/pathway/index.htm>.

Business Certification

Accounting & Finance

| Complete All | Complete Two, Recommend Three | Possible Credentials |
|--|---|--|
| <ul style="list-style-type: none"> ➤ Accounting / Finance ➤ Advanced Accounting ➤ Computer Applications ➤ Principles of Business | <ul style="list-style-type: none"> ❖ Advanced Computer Applications ❖ Bookkeeping ❖ Personal Finance ❖ Interpersonal Skills ❖ 21st Century Skills for the Workplace | <ul style="list-style-type: none"> ~ 20 + College Credit Hours ~ Articulation College Credit Career ~ Workforce Certificate |

Foundations of Business

| Complete All | Complete Two, Recommend Three | Possible Credentials |
|--|--|--|
| <ul style="list-style-type: none"> ➤ BMGT 1101 Principles of Business ➤ BMGT 1102 Interpersonal Skills ➤ FMGT 1101 Personal Finance ➤ Advanced Computer Applications | <ul style="list-style-type: none"> ❖ Accounting/Finance ❖ BOA 1131 Keyboarding & Document Formatting ❖ Online Course ❖ List provided by CSCC <ul style="list-style-type: none"> ○ Associates Degrees | <ul style="list-style-type: none"> ~ 22 + College Credit Hours ~ Microsoft Specialist Certification ~ Workforce Certificate |

Office Specialist

| Complete All | Complete All Exams | Possible Credentials |
|---|---|--|
| <ul style="list-style-type: none"> ➤ Advanced Computer Applications ➤ BOA 1131 OR Computer Keyboarding ➤ ITS 1105 Computer Concepts and Software Applications OR Computer Applications | <ul style="list-style-type: none"> ❖ Access ❖ Excel ❖ PowerPoint ❖ Word | <ul style="list-style-type: none"> ~ 12 College Credit Hours ~ Workforce Certificate |

General Business

Complete 6 of the following courses

| | | |
|---|---|--|
| <ul style="list-style-type: none"> ❖ 21st Century Skills for the Workforce ❖ Accounting/Finance ❖ Advanced Accounting | <ul style="list-style-type: none"> ❖ Advanced Computer Applications ❖ Bookkeeping ❖ Business Applications ❖ Computer Applications | <ul style="list-style-type: none"> ❖ Computer Keyboarding ❖ Interpersonal Skills ❖ Personal Finance ❖ Principles of Business |
|---|---|--|

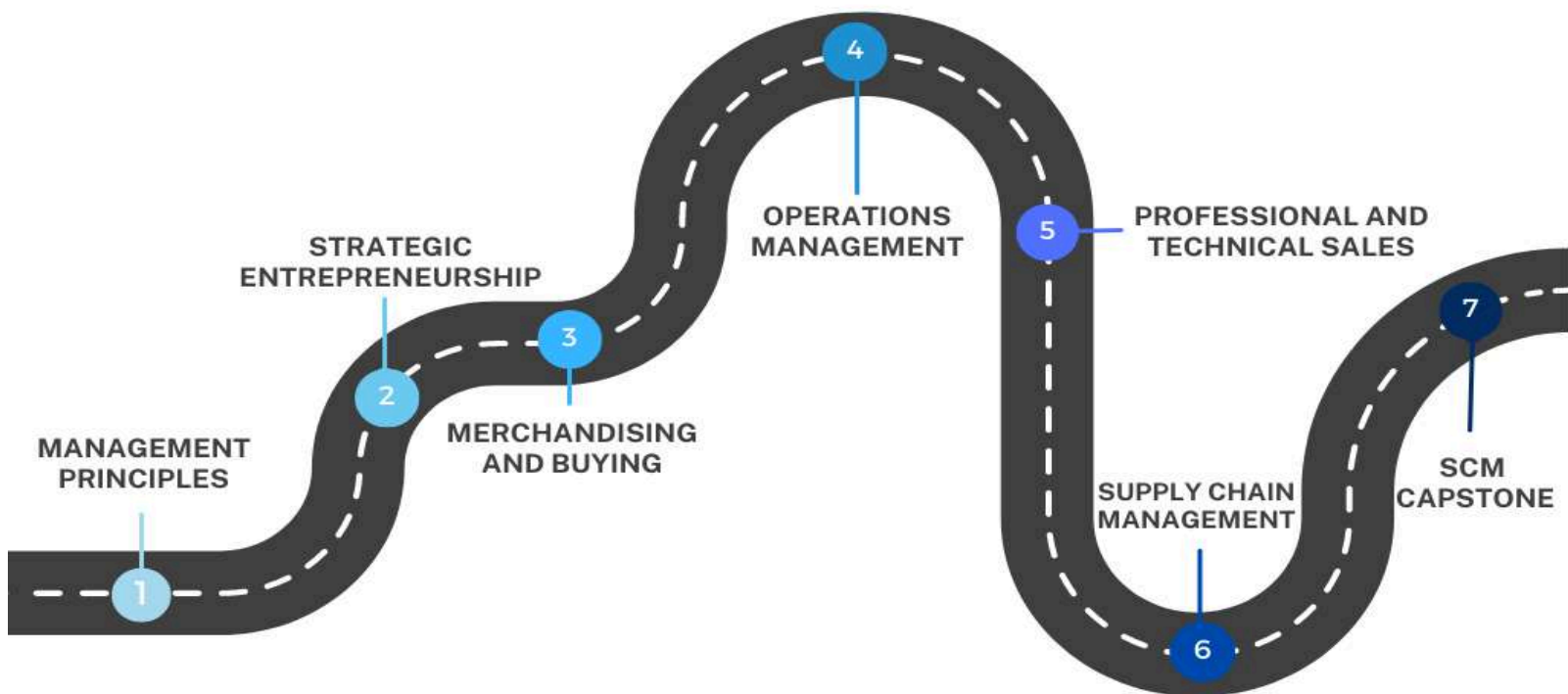
- Your senior year in high school you must notify one of the Business teachers for an application to receive the above credentials
- You must complete 30 hours of community service
- GPA must be at least 3.0
- Congratulations on your preparations for a successful life

Supply Chain and Management Business Pathway

A partnership between MHS, Ohio Hi-Point, and Columbus State Community College.

Welcome to the exciting world of the Supply Chain Management Pathway at Marysville High School! This program is specifically designed for high school students who want to dive into the dynamic realms of business, offering a comprehensive study of management, entrepreneurship, customer service, and logistics. As a Career Technical Education (CTE) program, our pathway goes beyond traditional classroom learning. Students will actively participate in hands-on projects that not only enhance academic and technical skills but also instill the knowledge necessary for success in the real world. Through engaging activities, you'll develop the tools to become a lifelong learner, setting the stage for a future in many industries. One unique aspect of our program is the opportunity to join **DECA**, a well-known international business organization. Students can also earn up to 24 college credits through CCP (College Credit Plus) and CTAG (Career Technical Credit Transfer) opportunities.

Supply Chain *and* Management Pathway



MANAGEMENT PRINCIPLES

Course #: HPBUS100

Grade: 9-12

Prerequisite: None

Subject Code: 141025

Credit: 1.00 (year course)

Program Type: Supply Chain Management Pathway

Fee: None

This is the first course in the Supply Chain Management pathway. Students will apply management and motivation theories to plan, organize, and direct staff toward goal achievement. They will learn to manage a workforce, lead change, and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management, and strategic planning will also be addressed. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs.

STRATEGIC ENTREPRENEURSHIP

Course #: HPBUS500

Grades: 9-12

Prerequisite: None

Subject Code: 141030

Credit: 1.00 (year course)

Program Type: Supply Chain Management Pathway

Fee: None

How do you turn an idea into a business? Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for managing and running a business. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take the necessary initial steps to establish a "fantasy" business by establishing a brand, setting prices, promoting products, and managing customer relationships. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs. Available for **CTAG** (Career-Technical Credit Transfer).

HIGH SCHOOL COURSE:

MERCHANDISING AND BUYING (Not offered 2025-2026)

Course #: HPBUS301

Grade: 10-12

Prerequisite: None (Management Principles/Strategic Entrepreneurship recommended)

Subject Code: 144025

Credit: 1.00 (year course)

Program Type: Supply Chain Management Pathway

Fee: None

In this hands-on course, the students will take charge of the school store, making impactful decisions on what, when and how much to purchase and from whom. They will develop a product mix and apply display and visual merchandising techniques. Students will also implement sales support activities, process sales, track products, and plan merchandise flow. Students will establish and grow positive customer relationships. Technology, employability skills, leadership, and communications will be incorporated into classroom activities. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs.

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

SCM 1190 INTERNATIONAL COMMERCE (Not offered 2025-2026)

Course #: SCM1190

Grade: 10-12

Prerequisite: Accuplacer or ACT Scores

High School Credit: 1.00 (year course) Weighted Course

College Credit: 3 semester hours

International commerce focuses on the political, economic, social and cultural considerations in doing business globally. The course explores the factors that allow organizations to be successful in the globalization of markets and the growth of overseas business ventures. The need to develop varied techniques for managing the organization's resources from other cultural backgrounds, the means of minimizing risks in financial transactions, and development of systems for coordinating and controlling the value chain is stressed. Techniques to overcome international business barriers are examined.



HIGH SCHOOL COURSE:

OPERATIONS MANAGEMENT

Course #: HPBUS600

Grade: 10-12

Prerequisite: None (Management Principles/Strategic Entrepreneurship recommended)

Subject Code: 142020

Credit: 1.00 (year course)

Program Type: Supply Chain Management Pathway

Fee: None

Students will learn to plan, organize, and monitor day-to-day business activities. Hands-on projects and business labs are utilized to gain competencies in management and entrepreneurship, including production activities, inventory control, workplace safety, purchasing, and merchandising. Students will also design sustainability plans using Lean and Six Sigma principles for quality improvement. Corporate social responsibility, ethics, risk management, and compliance will be emphasized. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs. Available for **CTAG** (Career-Technical Credit Transfer).

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

BMGT 1210 21ST CENTURY SUPERVISION

Course #: BMGT1210

Grade: 10-12

Prerequisite: Accuplacer or ACT Scores

High School Credit: 1.00 (year course) Weighted Course

College Credit: 3 semester hours

This course is focused on developing the managerial and leadership skill set for current supervisors, or students who aspire to become supervisors in the 21st century. Special emphasis will focus on current employment trends problem solving, motivating, leading, and coaching employee associates. Students will learn how to monitor productivity, implement quality initiatives, and improve results in today's complex technology driven business environments. The course will use active and experiential learning techniques to expose students to many supervisory scenarios while developing critical thinking and encouraging a team work mindset.



HIGH SCHOOL COURSE:

PROFESSIONAL AND TECHNICAL SALES

Course #: HPBUS300

Grade: 11-12

Prerequisite: None (Management Principles/Strategic Entrepreneurship recommended)

Subject Code: 144030

Credit: 1.00 (year course)

Program Type: Supply Chain Management Pathway

Fee: None

In this course, students will learn how to turn prospects into buyers, provide proper customer service, develop a sales plan, and more through hands-on activities and projects. This is an ideal course and selection for all career interests, as sales is a component in multiple industries. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs. Available for Articulated Credit with the completion of four Supply Chain Management Pathway courses.

Students taking Professional and Technical Sales for college credit will need to be enrolled in the following courses within one school year:

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

MKTG 1230 CUSTOMER SERVICE & SALES

Course #: MKTG1230

Grade: 11-12

Prerequisite: Accuplacer or ACT Scores

High School Credit: 1.00 (year course) Weighted Course

College Credit: 3 semester hours

MKTG 1230 provides an introduction to the sales process and the key role that sales activities play in any consumer or commercial business endeavor. The course deals with the basic components of selling including understanding customer psychology, building customer relationships. This course also emphasizes the important issues facing customer service providers and customer service managers in business. Special emphasis is placed on the mastery of specific skills and analyzing customer attitudes and behaviors to determine the tasks required to deliver excellent customer service.



COLUMBUS STATE COMMUNITY COLLEGE COURSE:

MKTG 1105 RETAIL

Course #: MKTG1105

Grade: 11-12

Prerequisite: Accuplacer or ACT Scores

High School Credit: 1.00 (year course) Weighted Course

College Credit: 3 semester hours

MKTG 1105 provides the student with an overview of current and evolving retailing trends and practices. Merchandising, sales promotion, finance, store operations and control are addressed. Special emphasis is given to the growing importance of international retailing, e-Commerce and multi-channel retailing. In addition, the course examines the impact of innovative technologies and methods used by retailers to improve store operating efficiencies and improve customers' shopping experiences.



HIGH SCHOOL COURSE:**SUPPLY CHAIN MANAGEMENT****Course #:** HPBUS400**Grade:** 11-12**Prerequisite:** None (Management Principles/Strategic Entrepreneurship recommended)**Subject Code:** 142025**Credit:** 1.00 (year course)**Program Type:** Supply Chain Management Pathway**Fee:** None

Supply chain is an exciting and growing area serving as a key business function in many industries including manufacturing, service, and health care. Students will determine how to facilitate the flow of goods from the point of origin to the point of consumption and everything in between. Technology will be utilized to track supply chains and measure their effectiveness and efficiency. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs. Available for **CTAG** (Career-Technical Credit Transfer).

Students who take Supply Chain Management for college credit will need to be enrolled in the following courses within one school year together:

COLUMBUS STATE COMMUNITY COLLEGE COURSE: (Fall Semester ONLY)**SCM 1100 SUPPLY CHAIN MANAGEMENT PRINCIPLES****Course #:** SCM1100**Grade:** 11-12**Prerequisite:** Accuplacer or ACT Scores**High School Credit:** 1.00 (year course) Weighted Course**College Credit:** 3 semester hours

SCM 1100 provides an overview of the key processes, concepts, and methodologies of supply chain management. Emphasis is given to the study of the impact that the supply chain management framework, (that includes distribution, procurement, inventory, transportation, and information technology components) has on business and the economy. The decision making process within supply chain is of particular importance as the interrelationships (cost and service trade-offs) between logistics and other areas of business will be covered. The overall focus is the strategic and financial significance the supply chain has on the firm's ability to add customer value.

**COLUMBUS STATE COMMUNITY COLLEGE COURSE: (Spring Semester ONLY)****SCM 1510 STRATEGIC PROCUREMENT****Course #:** SCM1510**Grade:** 11-12**Prerequisite:** SCM1100**High School Credit:** 1.00 (year course) Weighted Course**College Credit:** 3 semester hours

SCM 1510 is designed to teach the principles of world class supply chain management to the newly appointed buyer or to non-purchasing personnel looking to broaden their business knowledge. It focuses on how the basic and advanced purchasing management can be used effectively to meet the challenges and responsibilities of today's constantly changing business climate. Topics include the challenge of purchasing and materials management, objectives and organization, function, specification, quality control and inspection, computerization, international purchasing, and the establishment of teams to support complex supply chain and logistic programs.



BUSINESS & ADMINISTRATIVE SERVICES CAPSTONE: PROJECT

Course #: HPBUS710

Grade: 11

Prerequisites: 2 Business Courses (1 must be within the SCM Pathway)

Subject Code: 142045

Credit: 1.00 (year course)

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in a Business and Administrative Services program in a comprehensive and authentic way in this capstone course. The capstone will include **project-/problem-based learning opportunities** that occur both in and away from school. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs.

BUSINESS & ADMINISTRATIVE SERVICES CAPSTONE: INTERNSHIP

Course #: HPBUS720

Grade: 11-12

Prerequisites: 2 Business Courses within the SCM Pathway

Subject Code: 142045

Credit: 1.00-2.00 per year long course. Course can be repeated one (1) time.

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in a Business and Administrative Services program in a comprehensive and authentic way in this capstone course. Under the supervision of the school and through **community partnerships**, students may combine classroom learning with work experience in an **internship**. The course offers the opportunity to participate in **DECA**, where students prepare for careers by competing in business competitions, establishing themselves as emerging leaders and entrepreneurs. This course will be graded pass/fail, and can be repeated for additional credit. (Admission to the program may also be at the discretion of the administration.)

Criteria for Internships:

- Junior or Senior
- School attendance rate of 95%
- No major discipline record
- 2.5 or higher cumulative GPA
- On target for graduation
- Availability in course schedule for release
- Teacher recommendations
- Parent consent for participation
- Completed application
- Transportation provided by the student

ENGLISH

Track for student planning to work, attend a technical school, 2-year or 4-year college.

| 9th | 10th | 11th | 12th |
|-----------|--|---|--|
| English 9 | English 10 or **American Cultural Studies 10 | English 11 English 1100 Composition CCP (semester, 1 credit) | English 12 (year long, 1 credit) English 1100 Composition 1 (CCP) (semester, 1 credit) English 2367 Composition 2 (CCP) (semester, 1 credit) |

Track for 4-year college bound honors student.

| 9th | 10th | 11th | 12th |
|------------------|-------------------|-------------------|------------------|
| English 9 Honors | English 10 Honors | AP Lang & Comp 11 | AP Lit & Comp 12 |

*Denotes classes taken for elective credit and these will not count toward the English requirement needed for graduation.

**American Cultural Studies 10 and American Cultural Studies US History will be linked together as a block class and will fulfill both the English and Social Studies US History requirement for grade 10.



College Credit Plus Requirements

College credit may be available for the courses listed College Credit Plus, providing there is availability of approved staff, space in the approved adjunct professor's class, and sufficient enrollment. The student must complete the intent form, meet the admission requirements (qualifying ACCUPLACER scores, ACT/SAT scores, & GPA), and complete the college's application by the deadline of the college partner. Students participating in College Credit Plus are subject to the specific institution's course drop policy and procedures. Students may be charged the cost of tuition if they fail the course or drop after the college's deadline. College Credit Plus courses have the same course content and student expectations as a general college course on a college campus. Please refer to the "College Credit Plus Projected Course Offerings" chart for the proposed course offerings, credit value, and weighting.

ENGLISH 9

Course #: ENG100

Grade: 9

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: Novels \$25.00

Students will develop composition and communication skills by responding orally and in writing to a variety of literary fiction and nonfiction genres. Students will develop their knowledge of Standard English usage and vocabulary through reading, writing and research.

ENGLISH 9 HONORS

Course #: ENG100H

Grade: 9

Prerequisite: Application

Credit: 1.00

Program Type: College Prep

Fee: Novels \$25.00

This accelerated English course will move the students through the college prep ninth grade curriculum at a faster pace. Students will study grammar and vocabulary, practice advanced critical reading and thinking skills, and participate in a variety of writing activities. Students will be required to do summer reading.

ENGLISH 10

Course #: ENG200

Grade: 10

Prerequisite: English 9

Credit: 1.00

Program Type: General or College Prep

Fee: Novels \$35.00

Students will read selected novels, plays, stories, and poems from various historical periods and examine major themes in American literature. Skills to be developed include critical reading, vocabulary, discussion, literary essay, argumentative essay, and research writing.

AMERICAN CULTURAL STUDIES 10

Course #: ENG210 (If you sign up for this course, you must also sign up for American Cultural Studies US History #: SOC210)

Grade: 10

Prerequisites: English 9 & World Studies

Credit: 1.00

Program Type: General or College Prep

Fee: Novels \$35.00

American Cultural Studies is an interdisciplinary class which seeks to develop an understanding of American History, literature, and culture. The focus will be on US history, Literature and culture following Reconstruction (1877) and address the Ohio Social Studies content standards as well as the ELA Common Core State Standards. Students will analyze and interpret historic documents in concert with works of fiction throughout the year. This two-period block, team-taught class will ask students to complete projects, presentations, research, and other assignments collaboratively and independently. American Cultural Studies 10 and American Cultural Studies US History will fulfill both Social Studies U.S. History and English requirements for grade 10.

******Upon request and approval from 9th grade teachers in ELA and Social Studies, students may earn Honors 10 credit. To receive Honors credit students will have additional assignments and a final Capstone.

This course is capped at 60 students.

ENGLISH 10 HONORS

Course #: ENG200H

Grade: 10

Prerequisite: "B" in Honors 9 or Teacher Recommendation

Credit: 1.00

Program Type: College Prep

Fee: Novels \$30.00

Accelerated 10th grade students will read selected novels, plays, stories, and poems from various historical periods and examine major themes in American literature. Skills to be developed include critical reading skills, note-taking, summary writing, vocabulary development, discussion, literary essay, argumentative essay, and research writing. Students will be required to do summer reading.

HIGH SCHOOL COURSE:

ENGLISH 11

Course #: ENG300

Grade: 11

Prerequisite: English 10

Credit: 1.00

Program Type: General or College Prep

Fee: Novels \$35.00

Students will read selected novels, plays, stories, and poems from various historical periods, with a focus on how they relate to 20th and 21st century literature and nonfiction. Skills to be developed include critical reading of both fiction and nonfiction, vocabulary development, literary essay, argumentative essay, and research writing.

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

ENG 1100 COMPOSITION I

Course #: ENGL1100

Grade: 11-12

Prerequisite: minimum grade of "C" in English 10/Accuplacer or ACT qualifying score

High School Credit: 1.00 (semester course) Weighted Course

College Credit: 3 semester hours

English 1100 is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized.



AP LANGUAGE & COMPOSITION 11

Course #: ENG500AP

Grade: 11

Prerequisite: English 10 Honors

High School Credit: 1.00

Program Type: Advanced Placement

Fee: Students will purchase own summer reading books. Novels will be purchased on own.

Students are introduced to a college English course with a focus on nonfiction literature. Students will read a variety of complex texts thematically and will comprehend the fundamental elements of rhetoric: writing rich and complex prose for a variety of purposes, addressing and appealing to an audience in a stylistic manner, and citing secondary source material to support a claim, while implementing the stages of the writing process. Students will be required to do summer reading.

HIGH SCHOOL COURSE:

ENGLISH 12

Course #: ENG500

Grade: 12

Prerequisite: English 11, ENGL1100, or AP Lang

Credit: 1.00

Program Type: General or College Prep

Fees: Novels \$35.00

English 12 is a year-long beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. The composition will be integrated with literature that will be studied as well as film and other media such as sitcoms, graphic novels, online journals for analysis. Since students in this class will occasionally be required to screen R-rated films, parents of enrollees are asked to sign a permission slip at the beginning of the semester, allowing their student to view these films within an educational context and under the supervision of the instructor. The films will be appropriate and relevant to the learning process.

COLUMBUS STATE COMMUNITY COLLEGE COURSE:

ENG 2367 COMPOSITION II

Course #: ENGL2367

Grade: 12

Prerequisite: ENG 1100 minimum grade of C

High School Credit: 1.00 (semester course) Weighted Course

College Credit: 3 semester hours

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



AP ENGLISH LITERATURE & COMPOSITION 12

Course #: ENG510AP

Grade: 12

Prerequisite: 2 Years Honors/AP Level

High School Credit: 1.00

Program Type: Advanced Placement

Fee: Students will purchase own summer reading books. Novels will be purchased on own.

Students are introduced to a college English course. Students will read selections from Western literature and write essays based on literature and other disciplines. Students should elect to take the AP Test. Requirement for the course is successful completion of AP Language & Comp 11 or teacher recommendation. Students are required to do summer reading.

MATHEMATICS

College & Career Ready for Current BMS 8th Grade & MHS 9th Grade Students

| | <u>Freshmen Year</u> | <u>Sophomore Year</u> | <u>Junior Year</u> | <u>Senior Year</u> |
|--------------------------------|--------------------------|-------------------------|--------------------|---|
| <u>Career</u> | Transition to Algebra 1A | Essentials of Algebra B | Geometry | Advanced Quantitative Reasoning (AQR) |
| <u>Career / College</u> | Algebra 1 | Geometry * | Algebra 2 w/Trig * | Advanced Quantitative Reasoning (AQR) Probability & Statistics Pre-Calculus |
| <u>Accelerated</u> | Geometry * | Algebra 2 w/Trig * | PreCalculus | Probability & Statistics |

*Note: Per recommendation of Algebra 1 teacher, **Geometry and Algebra 2 w/Trig** may be taken concurrently.

College & Career Ready for Current MHS 10th - 12th Grade Students

| | <u>Freshmen Year</u> | <u>Sophomore Year</u> | <u>Junior Year</u> | <u>Senior Year</u> |
|--------------------------------|----------------------|-----------------------|----------------------|---|
| <u>Career</u> | Algebra 1 | Geometry | Algebra 2 Essentials | Advanced Quantitative Reasoning (AQR) |
| <u>Career / College</u> | Algebra 1 | Geometry * | Algebra 2 w/Trig * | Advanced Quantitative Reasoning (AQR) Probability & Statistics Pre-Calculus |
| <u>Accelerated</u> | Geometry * | Algebra 2 w/Trig * | Pre-Calculus | Probability & Statistics |

*Note: Per recommendation of Algebra 1 teacher, **Geometry and Algebra 2 w/Trig** may be taken concurrently.

Course Calculator Required:

| | |
|---|---|
| TI-30XIIS | Transition to Algebra 1A, Algebra 1, Essentials of Algebra B, Geometry, Algebra 2 Essentials, AQR |
| TI-84 Series Graphing Calculator | Algebra 2 w/Trig, PreCalculus, Prob & Stats |

TRANSITION TO ALGEBRA 1A

***Does not count as a core math for NCAA eligibility**

Course #: MTH110

Grade: 9

Prerequisite: BMS Teacher Recommendation (this course is not open to a student with an Algebra 1 credit)

Credit: 1.00

Program Type: Career Ready

Fee: \$5.00 (ALEKS)

This course is designed to help students strengthen math skills and study select topics as described by the Ohio Learning Standards for Algebra I, through the use of project-based learning, small group instruction, investigation, and implementation of Desmos and ALEKS. **A TI-30XIIS Scientific Calculator is required for this course.**

***Does not count as 1 of the 3 core math classes required for NCAA eligibility**

ALGEBRA 1

Course #: MTH100

Grade: 9

Prerequisite: Grade 8 Mathematics

Credit: 1.00

Program Type: College & Career Ready

Fee: \$5.00 (ALEKS)

Students will study topics as described by the Ohio Learning Standards for Algebra 1. **A TI-30XIIS Scientific Calculator is required for this course.**

ESSENTIALS OF ALGEBRA B

***Does not count as a core math for NCAA eligibility**

Course #: MTH210

Grade: 10

Prerequisite: Transition to Algebra 1A (this course is not open to a student with an Algebra 1 credit)

Credit: 1.00

Program Type: Career Ready

Fee: \$5.00 (ALEKS)

This course is designed to strengthen math skills and study topics as described by the Ohio Learning Standards for Algebra I & II, by way of project-based learning, small group instruction, investigation, and implementation of Desmos and ALEKS. **A TI-30XIIS Scientific Calculator is required for this course.**

***Does not count as 1 of the 3 core math classes required for NCAA eligibility**

GEOMETRY

Course #: MTH200

Grade: 9-10

Prerequisite: Algebra 1

Credit: 1.00

Program Type: College & Career Ready

Fee: \$5.00 (ALEKS)

Students will study topics as described by the Ohio Learning Standards for Geometry. **A TI-30XIIS Scientific Calculator is required for this course.**

Note: Per recommendation of Algebra 1 teacher, **Geometry and Algebra 2 with Trig** may be taken concurrently.

ALGEBRA 2 ESSENTIALS

***Does not count as a core math for NCAA eligibility**

Course #: MTH300

Grade: 10-12

Prerequisite: Geometry

Credit: 1.00

Program Type: College & Career Ready

Fee: \$5.00 (ALEKS)

This course is not open to a student with a credit in Algebra 2 with Trig.

This course is highly recommended for the student who obtained a "C" or "D" in Algebra 1 and/or Geometry.

Students will study the topics as described by the Ohio Learning Standards for Algebra 2, while strengthening Algebra 1 and Geometry skills. **A TI-30XIIS Scientific Calculator is required for this course.**

Note: Algebra 2 Essentials and Algebra 2 with Trigonometry equals 2 math credits towards graduation; however, taking both courses equals only 1 NCAA eligibility credit.

***Does not count as 1 of the 3 core math classes required for NCAA eligibility**

ALGEBRA 2 WITH TRIGONOMETRY

Course #: MTH310

Grade: 10-12

Prerequisites: Algebra 1, Geometry (Algebra 2 Essentials**)

Credit: 1.00

Program Type: College & Career Ready

Fee: \$5.00 (ALEKS)

Students will study topics as described by the Ohio Learning Standards for Algebra 2. **A TI-84 Graphing Calculator is required.**

****A student having credit for Algebra 2 Essentials may take this course with special permission from their Algebra 2 Essentials teacher.**

Note: Algebra 2 Essentials and Algebra 2 with Trigonometry equals 2 math credits towards graduation; however, taking both courses equals only 1 NCAA eligibility credit.

PRE-CALCULUS

Course #: MTH400

Grade: 11-12

Prerequisite: Algebra 2 with Trigonometry

Credit: 1.00

Program Type: College Prep

Fee: None

This course is designed for students who plan to take Calculus and obtained a B or higher in Algebra 2 with Trigonometry. This course includes a study of various functions expressed either numerically, graphically, analytically, and/or verbally. **A TI-84 Graphing Calculator is required.**

PROBABILITY & STATISTICS

Course #: MTH410

Grade: 12

Prerequisite: Algebra 2 with Trigonometry

Credit: 1.00

Program Type: College Prep

Fee: None

This course is designed for 12th grade students with a wide variety of interests. The ultimate goal of the course is to enable the student to become a knowledgeable user and consumer of statistical data. The course will emphasize study in 4 major areas: Descriptive Statistics, Probability, Inferential Statistics, and Inferential Methodology. **A TI-84 Graphing Calculator is required.** This course is recommended for the student who obtained a C or higher in Algebra 2 with Trigonometry.

ADVANCED QUANTITATIVE REASONING (AQR)

Course #: MTH440

Grade: 12

Prerequisite: Algebra 2 Essentials or Algebra 2 with Trigonometry

Credit: 1.00

Program Type: College & Career Ready

Fee: \$20.00

This course is designed to be a student centered class, where the teacher will act more as a facilitator of student learning. Therefore, there will be limited time for actual direct instruction by the teacher. Students will be exploring 7 different mathematical “Themes” made up of 31 different “Contexts.” Each theme will cover approximately 5 Contexts. The Contexts will be followed up with different Reinforcement Activities. These activities will include both individual and group work. There will be a lot of questioning being done to “assess” and “advance” your thinking. The 7 themes include: Number & Quantity, Functions Part 1 & 2, Geometry, Statistics, Probability, and Application. **A TI-30XIIS Scientific Calculator is required.**

SCIENCE

Track for student planning to work, attend a 2-year or technical school.

| 9th | 10th | 11th | 12th |
|-------------------------|----------------|---|------|
| Physical Science | Biology | Advanced Science Any Science after Physical & Biology AG Science Courses (refer to Agricultural Sciences section) | |

Track for 4-year college bound student.

| 9th | 10th | 11th | 12th |
|------------------------------------|---|---|--------------------------|
| Physical Science Biology | Biology Environmental Science Anatomy Chemistry | Advanced Science Any Science after Physical & Biology AG Science Courses (refer to Agricultural Sciences section) | 4th Science (Recomm.) |

Bold indicates the required yearly course for the academic track that the student is following.

PHYSICAL SCIENCE

Course #: SCI100

Grade: 9

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: \$10.00

This course emphasizes physical and chemical processes and how they relate to everyday applications. Topics include: Scientific Method, measurements, atom and elements, ions and forces, bonding, radioactive substances and nuclear reactions, types of energy, energy change, Newton's laws, friction, states of matter and gravity, electricity and waves, history of universe, galaxy formation and stars. This class can be taken concurrently with Biology. This course is required.

BIOLOGY

Course #: SCI200

Grade: 9-10

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: \$8.00

An introduction to the fundamental principles of Biology with emphasis on Ecology, Cell Biology, Population Biology, Diversity and Conservation, Science and Technology, and Genetics. This course can be taken concurrently with Chemistry or any other science. This course is required.

AP BIOLOGY

Course #: SCI210AP

Grade: 11-12

Prerequisite: Biology & Chemistry (Grade of B or higher is preferred in Biology)

Credit: 1.00 Advanced Science

Program Type: Advanced Placement

Fee: \$25.00

This course is designed to be the equivalent of a college introductory biology course taken by biology majors during their first year. The course aims to provide students with the conceptual framework, factual knowledge, and analytical skills to deal with the rapidly changing science of biology. This course, which prepares for the AP Examination in Biology will cultivate students' 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.

ENVIRONMENTAL SCIENCE

Course#: SCI330HS

Grade: 10-12

Prerequisite: Physical Science & Biology

Credit: 1.00 Advanced Science

Program Type: General or College Prep

Fee: \$40.00

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development. *Students who enroll in this course will also have the opportunity to earn an industry credential that can be used towards graduation or for job placement and advancement.* **Students will also be eligible to apply for College Credit for this class at any State Institution that offers an Environmental Science program.**

ANATOMY & PHYSIOLOGY

Course #: SCI230

Grade: 11-12

Prerequisite: Biology

Credit: 1.00 Advanced Science

Program Type: College Prep

Fee: Approx. \$30.00

This course is an introduction to the fundamental principles of human anatomy and physiology. Major systems of the human body will be covered. Note, this course will include dissections of preserved specimens. ***Fee includes lab materials and field trip experiences.***

CHEMISTRY

Course #: SCI300

Grade: 10-12

Prerequisite: Algebra I & Physical Science

Credit: 1.00 Advanced Science

Program Type: General or College Prep

Fee: \$10.00

This course focuses on the science of matter and its properties. Topics include: the atomic theory of matter and its significance, families of elements, how compounds are formed, states of matter and their properties, solution chemistry, acid base chemistry, organic chemistry, and other topics.

FORENSIC SCIENCE

Course #: SCI400

Grade: 11-12 (elective course)

Prerequisites: Physical Science, Biology & Chemistry (can be concurrent)

Credit: 1.00 Advanced Science

Program Type: General or College Prep

Fee: \$30.00 (lab)

Forensic Science uses a problem-solving approach to analyze evidence from the scene of a crime. This hands-on course will focus on problem solving procedures to understand how science can be crucial in solving crimes, and how this information is used in a Court of Law. Lab fee includes admission and transportation to COSI to view a pre-recorded autopsy.

PHYSICS

Course #: SCI410

Grade: 11-12

Prerequisite: Algebra II (Algebra II can be concurrent)

Credit: 1.00 Advanced Science

Program Type: College Prep

Fee: \$5.00

This course is a study of applied mathematics in theoretical and practical application of physical laws. Acceleration, forces, vectors, momentum, energy, power, heat and its applications, electrical circuits and the laws concerning them, and relativity are among the topics that will be studied.

CONCEPTUAL PHYSICS

Course #: SCI411

Grade: 10-12

Prerequisite: Physical Science and Algebra 1

Credit: 1.00

Program Type: College Prep

Fee: \$10.00

Are you interested in physics but nervous about math? Through projects and hands-on lab experiences, students will explore the concepts of introductory physics. The class is intended for students who are curious about physics but would prefer less mathematics than in your standard physics class. Students will apply basic algebraic skills for problem solving throughout the course but more emphasis will be placed on the interactive activities and the understanding of concepts. Major topics covered will include, but not be limited to: measuring; experimental design; motion; energy; forces; waves and sound; light; electricity and magnetism; simple machines; gravity; momentum; and modern physics.

MATERIALS SCIENCE

Course #: SCI430

Grade: 10-12

Prerequisite: Physical Science, Biology

Credit: 1.00

Program Type: General or College Prep

Fee: \$15.00 (lab)

This course will include study of the composition, structure, and properties of various materials. Topics will include safe laboratory practices, matter and properties, crystal structure, metals, corrosion, ceramics, glass, polymers, and composites. Scientific methods will be used to gather, analyze and represent data in a variety of ways including topics from life science, physical science, and current events/phenomena. The principal means of learning will be laboratory investigations through creative and sometimes artistic hands-on activities.

SOCIAL STUDIES

Track for student planning to work, attend a 2-year or technical school (3 credits).

| 9th | 10th | 11th | 12th |
|---------------|--|-------------------|------|
| World Studies | U.S. History ***American Cultural Studies | **U.S. Government | |

Track for 4-year college bound students (3-4 credits).

| 9th | 10th | 11th | 12th |
|---|--|---|--------------------------------------|
| World Studies *Financial Foundations and Economics | U.S. History ***American Cultural Studies *Financial Foundations and Economics | **U.S. Government *Financial Foundations and Economics | *Financial Foundations and Economics |

Track for 4-year college bound honors student (3-4 credits).

| 9th | 10th | 11th | 12th |
|---|--|--|---|
| World Studies *Financial Foundations and Economics | ***American Cultural Studies U.S. History *Financial Foundations and Economics | AP U.S. Government *Financial Foundations and Economics | AP U.S. History *Financial Foundations and Economics |

Bold indicates the required yearly course for the academic track that the student is following.

***This course meets the Financial Literacy graduation requirement for grades 9-11. **This course meets the Financial Literacy graduation requirement for SENIORS only ***American Cultural Studies 10 and American Cultural Studies US History will be linked together as a block class and will fulfill both the English and Social Studies US History requirement for grade 10.**

WORLD STUDIES

Course #: SOC100

Grade: 9

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: None

Required of all 1st year students. As students study World History from 1750 to present, they will consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills. This course must be completed in order to graduate.

U.S. HISTORY

Course #: SOC200

Grade: 9-10

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: None

Required of all 2nd year students who are not enrolled in Financial Foundations and Economics. As students study United States History from 1877 to present, they will consider geographic, cultural, economic, and governmental changes that have occurred. Students will develop a deeper understanding of their role as a citizen and continue to expand their command of social studies skills and methods. US History or AP US History are required by all students to graduate.

AMERICAN CULTURAL STUDIES US HISTORY

Course #: SOC210 (If you sign up for this course, you must also sign up for American Cultural Studies 10-ENG210)

Grade: 10

Prerequisites: English 9 & World Studies

Credit: 1.00

Program Type: General or College Prep

Fee: Novels (please refer to American Culture Studies 10 under the English section of Course Book)

American Cultural Studies is an interdisciplinary class which seeks to develop an understanding of American History, literature, and culture. The focus will be on US history, Literature and culture following Reconstruction (1877) and address the Ohio Social Studies content standards as well as the ELA Common Core State Standards. Students will analyze and interpret historic documents in concert with works of fiction throughout the year. This two-period block, team-taught class will ask students to complete projects, presentations, research, and other assignments collaboratively and independently. American Cultural Studies 10 and American Cultural Studies US History will fulfill both Social Studies U.S. History and English requirements for grade 10. This course is capped at 60 students. **A summer assignment will be required.**

FINANCIAL FOUNDATIONS & ECONOMICS

Course #: SOC220H

Grade: 9-12

Prerequisite: 80% avg. or Teacher Rec.

Credit: 1.00

Program Type: College Prep

Fee: None

Are you on the college-prep or honors track and looking to earn your financial literacy graduation requirement? Then this course, only offered at Marysville High School, is worth considering. The skills and content you will learn will help provide a firm foundation for a college Economics course and prepare you to be a financially successful adult. Students will learn about the following topics through research, problem-based learning, and project-based activities: "What is economics", market structures, supply and demand, business, unemployment, budgeting, banking, credit, insurance, taxes, investing, and risk management.

****This course meets the Financial Literacy graduation requirement.**

U.S. GOVERNMENT

Course #: SOC300

Grade: 11

Prerequisite: None

Credit: 1.00

Program Type: General or College Prep

Fee: None

Required of all 3rd year students except those enrolled in Advanced Placement (AP) Government. This course studies the United States Government, including the Constitution, civil rights, political parties, Congress, the presidency, and the Supreme Court. This course will also cover economic issues such as investment and banking.

AP U.S. GOVERNMENT

Course #: SOC300AP

Grade: 10-12

Prerequisite: Teacher Recommendation

Credit: 1.00

Program Type: Advanced Placement

Fee: LANAHAN READINGS in the American Polity FIFTH EDITION cost \$40 purchased at school store.

Advanced Placement (AP) U.S. Government and Politics provides a **college-level**, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will participate in active discussions, debates, and simulations to explore the government and politics of past and modern American society. Students will be well prepared and encouraged to take the AP Government test, where they can earn college credit.

AP U.S. HISTORY

Course #: SOC200AP

Grade: 12

Prerequisite: Departmental Recommendation

Credit: 1.00

Program Type: Advanced Placement

Fee: None

Students will participate in an in-depth study of American History. Students will then have the opportunity to take the Advanced Placement (AP) US History Test in May. This is a college-level class. US History or AP US History are required by all students to graduate.

ART 1

Course #: ART100

Grade: 9-12

Prerequisite: None

Credit: .50

Program Type: General

Fee: \$35.00

This is the beginning art course where students will gain a foundation in drawing and design work. This class is not to be repeated unless you fail. This class is the prerequisite for all other art classes.

DRAWING/PAINTING [Level 1 & 2]

Course #: ART130

Grade: 9-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$35.00

This course is designed for students who want to focus on skills, techniques, and methods in drawing and painting. Upon successful completion of Drawing/Painting 1, you may take Drawing/Painting 2, with teacher approval. You will sign up for the same Drawing/Painting course again. Once placed in Drawing/Painting the teacher will change your schedule to reflect Drawing/Painting 2.

DESIGN: GRAPHICS, ILLUSTRATION, & PRINTMAKING

Course#: ART180

Grade: 10-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$35.00

This course examines the area of art focussed on visual communication and design in art. This is a valuable class for the student who intends to pursue or is interested in Graphic Design, Marketing, Advertising, and related fields. Students will build upon 2-D design skills learned in Art 1 and explore graphics, illustration, and print media. Students will create designs for reproduction using the silkscreen method and will have the option to print on t-shirts. Web based, product, and industrial design concepts are integrated into the course. **With teacher approval** this course can be taken a second time as Design 2. This would be a focus on advanced printing techniques, product design, and illustration.

COMPUTER GENERATED FINE ART

Course #: ART140

Grade: 11-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$20.00

Learn to make art on the computer! We focus on both graphic design and fine art using the computer as our medium. Use programs that professional artists, illustrators, and graphic designers are using right now in the industry. This course emphasizes creativity and independent learning. **Note: This course is a hybrid course: Instructor facilitates the self-motivated student but learners must be ready to use resources available from online and printed sources.** *Recommended to take Digital Imaging or Intro to Media Arts prior to taking this class, though not required.*

CERAMICS

Course #: ART120

Grade: 10-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$35.00

This course offers a focus on clay as the medium to produce works of art. Both handbuilding and wheel thrown methods will be explored. With teacher approval, this class may be taken a second time as Ceramics 2.

METALSMITHING

Course #: ART150

Grade: 11-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$45.00

Learn the basics of handmade metal jewelry making necklaces, keychains, earrings, rings, pins, bracelets, and small sculptures are all possible! This course requires great patience and attention to detail as well as the ability to work with many types of tools. You must also be self-motivated and an independent learner in order to succeed in this course.

STAINED GLASS

Course #: ART170

Grade: 11-12

Prerequisite: Art 1

Credit: .50

Program Type: General or College Prep

Fee: \$35.00

This course offers a focus on glass as the medium to produce works of art. Copper foil method, mosaic, simple fusing, and glass etching will be explored.

PHOTOGRAPHY

Course #: ART160

Grade: 12

Prerequisite: Must obtain instructor's approval, "A" or "B" in Art 1, read course description

Credit: .50

Program Type: General or College Prep

Fee: \$35.00

If instructor approval is not obtained, you will be dropped from the course. The focus is on using photography as a creative process not on photography skill development, though this will be reviewed. The history and evolution of photography processes will be explored as well as alternative photo processes. Editing software like lightroom and photoshop will be used for their creative aspects in addition to photo editing. **This class requires extensive out of class work as well as the ability to work independently and meet deadlines for assignments. This class is run in conjunction with 2 other courses and is organized as such. This means many of the assignments are given via schoology and the student will do online research and submit work digitally. Printing photographic work is a responsibility of the student to obtain quality prints when needed.** A digital camera is not necessary, as phone technology provides adequate camera function and you will learn to use your phone camera capabilities. Darkroom basics will be used to work with pinhole photography, photograms, digital negatives, and cyanotypes. Digital Image Editing **Course#:** ART442 *is recommended prior to this class.*

ADVANCED ART

Course #: ART110

Grade: 11-12

Prerequisites: Art 1 **AND** Drawing/Painting, Design is also recommended but not a must, plus Instructor approval. "A" or "B" in previous art courses.

Credit: 1.00

Program Type: General

Fee: \$50.00

For those students who have excelled in art classes. Portfolio preparation will be a focus for those students pursuing the arts after High School. Only the serious art student who will appreciate a more in-depth study in art should consider this course. Having drawing and painting and/or Design (**Course#:** ART180) prior to this course will provide the student with essential skills that will then be built on in this course.

ART HISTORY 1 (Not offered 2025-2026)

Course #: ART192

Grade: 11-12

Prerequisite: None

Offered every other year (Please plan ahead accordingly)

Credit: .50

Program Type: College Prep

Fee: \$10.00

Learn about the history of art from a global perspective. This course covers the first half of the full Art History Course. If you are interested in history and art, but do not wish to take the full course, you may sign up for a semester. First semester will cover Global Prehistory, Ancient Mediterranean, Early European and Colonial American and some Later European and American Art. This class is taught only in the first semester.

ART HISTORY 2 (Not offered 2025-2026)

Course #: ART193

Grade: 11-12

Prerequisite: Art History 1

Offered every other year (Please plan ahead accordingly)

Credit: .50

Program Type: College Prep

Fee: \$10.00

Learn about the history of art from a global perspective. This course covers the second half of the full Art History Course. You may take the two courses in different years or in the same year, but you will need to take Art History 1 first. Second semester will cover Later European and American art, Indigenous Americas, Africa, Asia, The Pacific, and Global Contemporary Art. This class is only taught in the second semester.

CONCERT CHOIR

Course #: ART200

Grade: 9-12

Prerequisite: None

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: \$40.00

This choir consists of non-auditioned students in grades 9-12 and rehearses every day. This entry-level choir focuses on a variety of challenging literature that strengthens vocal technique and expands music reading skills. Concerts, contests, and assemblies are considered part of the student's grade as is the student's active participation in daily rehearsals. There is no audition required to participate in this choir.

ADVANCED TREBLE

Course #: ART230

Grade: 9-12

Prerequisite: By Audition Only

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: \$40.00

Selected by audition only. Students will master and perform highly challenging college-level music of all time periods. They will learn how to maintain a high level of musicianship and increase their vocal abilities. Concerts, contests, and assemblies are considered part of the student's grade as is the student's active participation in daily rehearsals.

SYMPHONIC CHOIR

Course #: ART210

Grade: 9-12

Prerequisite: By Audition Only

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: \$40.00

Selected by audition only. Students will master and perform highly challenging college-level music of all time periods. They will learn how to maintain a high level of musicianship and increase their vocal abilities. Concerts, contests, and assemblies are considered part of the student's grade as is the student's active participation in daily rehearsals.

VOCAL PERFORMANCE AND ANATOMY 1

Course #: ART212

Grade: 9-12

Prerequisite: Must be involved in the Choral/Theater Department and be comfortable singing solo's in front of peers.

Credit: .50 (semester course)

Program Type: General or College Prep

Fee: \$25.00

Students will learn the basic anatomy of the voice and how to access and control the belt, mix-belt, mix, head voice/falsetto and the difference between classical tone production and musical theater tone production. Students will learn how the vocal mechanism works while singing and will practice vocal techniques through solo repertoire. Students will learn the basics of sight reading. Students will learn German/Italian/Latin/English art songs as well as musical theater repertoire. Students will begin to study the International Phonetic Alphabet (IPA) and how to mark their music appropriately with IPA.

VOCAL PERFORMANCE AND ANATOMY 2

Course #: ART213

Grade: 9-12

Prerequisite: Must be involved in the Choral/Theater Department **and** be comfortable singing solo's in front of peers.

Credit: .50 (semester course)

Program Type: General or College Prep

Fee: \$25.00

Students will continue to learn the anatomy of the voice and how to access and control the belt, mix-belt, mix, head voice/falsetto and the difference between classical tone production and musical theater tone production. Students will learn how the vocal mechanism works while singing and will practice vocal techniques through solo repertoire. Students will learn the basics of sight reading. Students will learn German/Italian/Latin/English art songs as well as musical theater repertoire. Students will begin to study the International Phonetic Alphabet (IPA) and how to mark their music appropriately with IPA.

BAND

Course #: ART300

Grade: 9-12

Prerequisite: Play a Musical Instrument

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: None

This year-long course is available to students who have previous band experience and can meet minimum performance standards as determined by the directors. Marching Band, Contest, and Show participation is also dependent upon meeting minimum performance standards. Students must be willing to follow discipline guidelines in rehearsals and performances to insure a quality program. As a course requirement, students will perform at all football games, various parades, festivals, seasonal concerts, contests, and school assemblies. This spirited, highly visible organization is required to attend a weeklong band camp during the summer and one evening rehearsal and one sectional rehearsal per week during football season only. Students are expected to purchase accessory equipment for uniforms. It is possible for students to participate in other fall activities and band. This organization will perform a wide variety of literature that includes classical, jazz, contemporary, and march music. Beginning in early November and continuing through the end of the school year, students will perform in one of the three Concert Bands.

COLOR GUARD

Course #: ART321

Grade: 9-12

Prerequisite: By Audition Only

Credit: .25

Program Type: General or College Prep

Fee: Participation fee (\$200.00 presently) for Marching Band/Flag Corps

Members will be selected through an audition in April. Any student wishing to be in the flag corps must audition for the high school band director and flag corps advisor. Marching Band, Contest, and Show participation is dependent upon the student meeting minimum performance standards as determined by the flag instructors and band directors. This nine weeks long course is open to students who are interested in twirling a flag and using dance steps/moves as part of the high school band. Students must be willing to follow discipline guidelines in rehearsals and performances to insure a quality program. As a course requirement, students will perform at all football games, various parades, contests, concerts, and school assemblies, as part of the band. This spirited, highly visible organization is required to attend a weeklong band camp during the summer, one evening rehearsal, and two sectional rehearsals per week during the two-month long football season only. Students are expected to purchase accessory equipment for uniforms. *Band Class fees are different for each grade level. Please see Band Director for exact fees.

MARYSVILLE HIGH SCHOOL PERFORMING ARTS PATHWAY COURSE DESCRIPTIONS FOR 2025-2026

The Performing Arts program will prepare students for technical and professional level careers in Performing Arts. Students will learn various concepts and theories through a hands-on approach in this pathway.

PERFORMING ARTS PRIMER

Course #: ART400

Grade: 9-12

Prerequisite: None

Subject Code: 340210

Credit: 1.00 (year long course)

Program Type: General or College Prep

College Credit for Qualified Students: Articulated credit from Clark State for Theater Appreciation (THE1130, 3 semester credit hours)

Fee: None

Students examine how music, dance and theater disciplines connect to create a production. They compare and contrast different genres, social contexts and cultural aspects of dance, music and theater from early Greek to present day. They will learn the role of stagecraft, including new and emerging technology. Students in this course may earn college credit. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

MUSICAL THEATER

Course #: ART460

Grade: 9-12

Prerequisite: Performing Arts Primer recommended

Subject Code: 340245

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: None

The troupe member with abilities in music, dance and acting has "triple threat" value in musical theater. In this course, students assume the roles of singer, instrumentalist, actor and dancer as well as director, stage manager, set designer and/or costume technician. Students learn to take and give orders to accomplish tasks. They analyze historical and current day exemplary models of musical theater for story line, musical arrangement and audience appeal. Various guest speakers who are experts in the field will be visiting throughout the school year and acting as facilitators. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

ACTING PERFORMANCE (Not offered 2025-2026)

Course#: ART420

Grade: 9-12

Prerequisite: Performing Arts Primer recommended

Subject Code: 340230

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: None

Meeting expectations of the casting director and audience is critical to any successful performer. This course focuses on maximizing an actor's physical and emotional expression, vocal intonation, memorization and imagination to convey stories and feelings. Whether spoken or sung, stylistic identity is reinforced. Other topics include material selection, developing a score of action for a role, sustaining a character and self and peer critique. Students in this course may earn college credit. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

STAGE DESIGN AND CONSTRUCTION

Course #: ART445

Grade: 9-12

Prerequisite: None

Subject Code: 340255

Credit: 1.00 (year long course)

Program Type: General or College Prep

College Credit for Qualified Students: CTAG credit at any state institution with a course match for CTPAT001 (Stagecraft, 3 semester credit hours)

Fee: None

This course focuses on design and construction of what the audience sees around actors. Students analyze scripts and budgets to determine appropriate sets. They create renderings and drawings by hand and through computer drafting programs to present the designer's vision. They develop models, mock-ups and final construction of scenery. In addition to construction techniques, they acquire workplace skills such as leadership, collaboration and safety. Students also earn industry credentials through a finalized OSHA safety certification. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

STAGECRAFT

Course #: ART430

Grade: 9-12

Prerequisite: Stage Design and Construction or instructor approval

Subject Code: 340250

Credit: 1.00 (year long course)

Program Type: General or College Prep

College Credit for Qualified Students: CTAG credit at any state institution with a course match for CTPAT001 (Stagecraft, 3 semester credit hours)

Fee: None

Creating the set, balancing the lights, projecting video and engineering the sound all help to accentuate the script and characters in a show. Students learn the skills of stagecraft through research, critique and hands-on experience. This class provides assistance in design, fabrication and management of our extracurricular performances in theatrical arts. Students also find a theater tech discipline to focus on with independent projects and study. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

MUSIC CONCEPT AND THEORY STUDIES

Course #: ART434

Grade: 9-12

Prerequisite: Students must be involved in band or choir, have previously taken Music Theory or have experience on an instrument. A pretest might be used to place students as needed. See Mr. Ahern for more information.

Subject Code: 340235

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: None

From warm up skills to complex rhythmic and technical passages, students combine theory and technique to sing or play at least one musical instrument. They recognize different harmonic, rhythmic and melodic structures based on culture, era and style. They write, read and understand musical symbols. Other topics include scales and mode studies, dictation, and transcription. Students provide and receive performance critiques.

SOUND ENGINEERING AND DESIGN

Course #: ART435

Grade: 9-12

Prerequisite: None

Subject Code: 340135

Credit: 1.00 (year long course)

Program Type: General or College Prep

Fee: None

Students put music theory and basic music skill into practice as they engineer sound for live and recorded production. They create, capture, edit, mix and synchronize music into audio and video tracks of various formats. Students curate soundtracks, mix and master music, record podcasts and run live sound. Topics include acoustics, reflection, absorption of sound and reverberation. Students create products based on research of audience sensitivity and need and do so in compliance with laws related to intellectual property and competition. There is an opportunity for students to work live sound reinforcement for our school concerts and productions. Learning the technology in our auditorium is an important aspect of this course. Students in this course may earn college credit. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

PERFORMING ARTS CAPSTONE: PROJECT

Course #: ART455

Grade: 11-12

Prerequisites: 2 Performing Arts Courses

Subject Code: 340009

Credit: 1.00-2.00 (year long course)- Course can be repeated 1 time

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in a Performing Arts program in a comprehensive and authentic way in this capstone course. The capstone will include **project-/problem-based learning opportunities** that occur both in and away from school. Students will work closely with the instructor to develop, plan and organize a project using the skills learned in the Performing Arts pathway for this course. Students may participate in "BPA (Business Professionals of America)", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

PERFORMING ARTS CAPSTONE: INTERNSHIP

Course#: ART465

Grade: 11-12

Prerequisite: 2 courses within the Performing Arts pathway

Subject Code: 340009

Credit: 1.00-2.00 per year long course. Course can be repeated one (1) time.

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in Performing Arts in a comprehensive and authentic way in this capstone course. Under the supervision of the school and through **community partnerships**, students may combine classroom learning with work experience in an **internship**. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

Criteria for Internships:

- Junior or Senior
- School attendance rate of 95%
- No major discipline record
- 2.5 or higher cumulative GPA
- On target for graduation
- Availability in course schedule for release
- Teacher recommendations
- Parent consent for participation
- Completed application
- Transportation provided by the student

MARYSVILLE HIGH SCHOOL MEDIA ARTS PATHWAY COURSE DESCRIPTIONS FOR 2025-2026

INTRO TO MEDIA ARTS

Course#: ART441

Grade: 9-12

Prerequisite: None

Subject Code: 340110

Credit: 1.00

Program Type: College & Career Ready

Fee: None

Students will learn the basics of how to convey messages through journalism, commercial advertising, and marketing. They review the accuracy and impact of words and visuals used in news, advertisements, and commercials. They learn essential terminology and basic tools for delivering messages. Students will demonstrate content length, deadlines, and responsibilities of various delivery channels. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

DIGITAL IMAGE EDITING

Course#: ART442

Grade: 9-12

Prerequisite: None

Subject Code: 340120

Credit: 1.00

Program Type: College & Career Ready

College Credit for Qualified Students: CTAG (College Credit) available for students earning a proficient score on their end-of-course WebXam.

Certifications: Optional “Graphic Design & Illustration using Adobe Illustrator” or “Visual Design using Adobe Photoshop” certification exams at the end of the course

Fee: None

Students will manipulate photographic images for print and web-based purposes, including social media platforms. Students gain perspective on photo image editing and explore the world of editing digital photos, illustrations, and graphics. They learn to adjust resolution and exposure, modify color, compress data, and format and manage files. Students will use problem-solving strategies and software to work collaboratively to complete the creative process with artists, printers, and Web developers. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

VIDEO BROADCAST

Course#: ART443

Grade: 9-12

Prerequisite: None

Subject Code: 34001409

Credit: 1.00

Program Type: College & Career Ready

Certifications: Optional “Digital Video using Adobe Premiere Pro” certification exams at the end of the course

Fee: None

This course focuses on video broadcast for the journalism industry. Skills attained include interviewing, image capture, color manipulation, audio and video blend, lighting and editing. Students critique news broadcasts and research content. They plan and shoot video for live and recorded use in a specific time slot while adhering to laws related to defamation, libel, copyright, and privacy. Students will create and broadcast announcements. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

VIDEO PRODUCTION

Course#: ART440

Grade: 9-12

Prerequisite: None

Subject Code: 340145

Credit: 1.00

Program Type: College & Career Ready

College Credit for Qualified Students: CTAG (College Credit) available for students earning a proficient score on their end-of-course WebXam.

Certifications: Optional “Digital Video using Adobe Premiere Pro” certification exams at the end of the course

Fee: None

This course focuses on video production for commercial use. Students plan and coordinate work with clients to produce projects on a tight timeline. They learn how to read and interpret a script, select, and maintain equipment. They will combine graphics, text, and special effects. Skills attained include pre-production documentation and planning; in-production audio and video recording; and post-production editing and distribution. Students will create promo spots for clubs, sports, and events at the high school. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

MULTI-MEDIA WEB PRODUCTION

Course#: ART444

Grade: 9-12

Prerequisite: None

Subject Code: 340160

Credit: 1.00

Program Type: College & Career Ready

College Credit for Qualified Students: CTAG (College Credit) available for students earning a proficient score on their end-of-course WebXam.

Fee: None

The focus of this course is on merging different types of media on the Internet, including websites and social media platforms. Students combine text, still photography, audio, videography, and graphic arts to create interactive Web pages and social media apps. They demonstrate creative, digital storytelling accessible from multiple platforms. Students learn project management and marketing. They learn how to create Web content that is accessible by individuals with visual disabilities. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

SOCIAL MEDIA COMMUNICATIONS

Course#: ART601

Grade: 9-12

Prerequisite: None

Subject Code: TBD

Credit: 1.00

Program Type: College & Career Ready

Fee: None

Students will learn concepts and principles used in social media communications. Students will learn data-driven marketing and communications strategies and how to apply them to various forms of social media. Students will discuss social, historical, ethical, and economic dimensions of social media. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

MEDIA ARTS CAPSTONE: PROJECT

Course#: ART446

Grade: 11-12

Prerequisite: 2 courses in the Media Arts pathway

Subject Code: 340009

Credit: 1.00 - Course can be repeated one (1) time

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in a Media Arts program in a comprehensive and authentic way in this capstone course. The capstone will include **project-/problem-based learning opportunities** that occur both in and away from school. Students will work closely with the instructor to develop, plan and organize a project using the skills learned in the Media Arts pathway for this course. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace.

MEDIA ARTS CAPSTONE: INTERNSHIP

Course#: ART447

Grade: 11-12

Prerequisite: 2 courses within the Performing Arts pathway

Subject Code: 340009

Credit: 1.00-2.00 per year long course - Course can be repeated one time.

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal

Program Type: College & Career Ready

Fee: None

Students will apply knowledge, attitudes, and skills that were learned in Media Arts in a comprehensive and authentic way in this capstone course. Under the supervision of the school and through **community partnerships**, students may combine classroom learning with work experience in an **internship**. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Students may participate in “BPA (Business Professionals of America)”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace. This course will be graded pass/fail, and can be repeated for additional credit. (Admission to the program may also be at the discretion of the administration.)

Criteria for Internships:

- Junior or Senior
- School attendance rate of 95%
- No major discipline record
- 2.5 or higher cumulative GPA
- On target for graduation
- Availability in course schedule for release
- Teacher recommendations
- Parent consent for participation
- Completed application
- Transportation provided by the student

PRINCIPLES OF FOOD**Course #:** WEL111**Grade:** 9-12**Prerequisite:** None**Credit:** .50**Program Type:** General**Fee:** \$30.00 food lab

Want to get healthy and cook GOOD food? Students will use principles of nutrition to ensure a healthy body throughout their lifecycle. Learn to cook quick, easy and nutritious meals while learning to read recipes and measure to ensure recipe success! Discover factors that affect your body weight and healthy lifestyles. Learn safe food handling practices that can keep your kitchen safe from foodborne illnesses.

CHILD DEVELOPMENT**Course #:** WEL121**Grade:** 9-12**Prerequisite:** None**Credit:** .50**Program Type:** General**Fee:** None

Babies and children don't come with instructions! Students will gain knowledge of how parents and child care providers meet the needs of infants and young children to provide healthy growth and development. Theories of child psychology will be studied.

PERSONAL FINANCE MANAGEMENT**Course #:** WEL131**Grade:** 10-12**Prerequisite:** None**Credit:** .50**Program Type:** General**Fee:** \$5.00

Learn to manage your own finances. Students will develop financial literacy skills to become responsible young adults to financially be successful to live on their own. Topics include: budgeting, credit cards, saving, banking, Housing/renting, investing, insurance, taxes, and consumer protection, (identity theft). ****This course meets the Financial Literacy graduation requirement.**

TRANSITIONS AND CAREERS**Course #:** WEL141**Grade:** 9-10**Prerequisite:** None**Credit:** .50**Program Type:** General**Fee:** \$5.00

In this course, students will analyze interests, aptitudes and skills to prepare for careers that transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology, time management skills, workplace etiquette and career planning.

GLOBAL FOODS

Course #: WEL160

Grade: 10-12

Prerequisite: Principles of Foods

Credit: .50

Program Type: General

Fee: \$40.00 food lab

Learn and prepare foods from all over the world! Students will compare cuisines, ingredients, and preferred cooking methods of various cultures. The influence of traditions, regional and cultural perspectives on food choices and culinary practices will be studied. Various cooking methods and equipment will be used. Learn safe food handling practices that keep your kitchen safe from foodborne illnesses.

HEALTH

Course #: PEH100

Grade: 9

Prerequisite: None

Credit: .50

Program Type: General

Fee: None

This course is divided among three major areas. These areas of study include: first aid, (treatment of minor and major injuries, mouth to mouth rescue breathing, Heimlich Maneuver, CPR, and hands on demonstration of AED, mental health (teen suicide, child abuse, drugs and alcohol), and sex education (emphasizing abstinence). A research project is also required.

PHYSICAL EDUCATION COED

Course #: PEH115

Grade: 9-12

Prerequisite: None

Credit: .25

Program Type: General

Fee: None

Physical Education is focused on team sports and physical fitness. Activities include: cardiovascular fitness, volleyball, basketball, softball, bowling, soccer, team handball, floor hockey, lacrosse, weight training, team building, and archery. Students must dress in appropriate attire and participate regularly.

BODY SHAPING

Course #: PEH190

Grade: 9-12

Prerequisite: None

Credit: .25

Program Type: General

Fee: None

Students in this class will be able to use the exercise facilities at the high school to improve their overall fitness level. Students will write out personal goals whether to gain strength, look leaner, or just get in shape. Students could choose to gain muscle mass or tone up. Training will include working in the indoor weight room and on cardio machines. Students may see an increased energy level, increased strength and decreased body weight. This is NOT A POWERLIFTING CLASS! This course is designed to meet your personal fitness needs without placing the student in an intimidating situation. Students must dress in appropriate attire and participate regularly. This class counts as .25 P.E. credit.

STRENGTH TRAINING & FITNESS

Course #: PEH150

Grade: 10-12

Prerequisite: None

Credit: .25

Program Type: General

Fee: None

Course content will emphasize strength training with weights and overall fitness. Students will train 4 or 5 days/week. Points of emphasis: on weight room safety; proper lifting form & spotting techniques; sets and repetitions; proper order of exercises, & speed training. Students must dress in appropriate attire and participate regularly. **This class counts as .25 P.E. credit.

Things to keep in mind when scheduling world languages:

As you consider a language, it is important to consider that different colleges and different majors have different requirements and expectations in terms of number of years taken in high school, placement exam score, and how many courses you will need to take in college if any. For students interested in college, students should take at least two years minimum of one language. Also, three years of the same world language or two years each of two world languages are required for an honors diploma. While world language is not a requirement for high school graduation, the credits earned count toward the elective credits needed for graduation.

SPANISH I

Course #: FL110

Grade: 9-12

Prerequisite: "C" or above in English

Credit: 1.00

Program Type: College Prep

Fee: School fee charged for reading books in class - \$10 (books are ordered in bulk for cost efficiency).

The beginning level of Spanish emphasizes learning the language through vocabulary about familiar topics, and cultural knowledge. The students practice speaking and writing, and develop skills in reading and listening. Daily practice and memorization of vocabulary and language structure is required. Expect daily homework.

SPANISH II

Course #: FL120

Grade: 9-12

Prerequisite: "C" or above in Spanish I is recommended

Credit: 1.00

Program Type: College Prep

Fee: School fee charged for reading books in class - \$10 (books are ordered in bulk for cost efficiency).

Students continue their study of vocabulary and more advanced grammar structures. There is a strong emphasis on speaking. Reading, writing, and listening proficiency are emphasized, teamed with cultural studies. Daily practice and memorization of vocabulary and language structure is required. Expect daily homework.

SPANISH III

Course #: FL130

Grade: 10-12

Prerequisite: "C" or above in Spanish II

Credit: 1.00

Program Type: College Prep

Fee: School fee charged for reading books in class - \$10 (books are ordered in bulk for cost efficiency).

Conducted mainly in Spanish, this fast paced class introduces many verb tenses and expanded vocabulary. Students are expected to do a variety of speaking and writing tasks in Spanish. Students will read stories and do original presentations.

HONORS SPANISH IV

Course #: FL150

Grade: 12

Prerequisite: "C" or above in Spanish III (only open to juniors and seniors)

Credit: 1.00

Program Type: College Prep, Honors

Fee: \$10.00 for reading books in class

This course will be a continuation of the grammar and vocabulary learned in Spanish 3. We will build on listening, speaking, reading, and writing skills learned in the lower levels. In this course, greater emphasis will be placed on cultural comparisons by studying the history of Spanish-speaking countries and learning about current events and cultural practices. It is the prerequisite course to AP Spanish 5 the following year. We will also begin to explore the themes that are studied in the AP Spanish course, as well as getting students more involved in authentic speaking opportunities.

SPANISH FOR SPANISH SPEAKERS

Course #: FL145

Grade: 9-12

Prerequisite: None. Oral proficiency in Spanish is expected (native or heritage speakers)

Credit: 1 credit Elective (year course)

Fee: \$10.00 for workbook/reading book

Spanish for Spanish Speakers is a course designed for students with oral proficiency in the Spanish language, but little or no academic experience in Spanish. The course is designed for students who speak Spanish at home or have spent considerable time in a Spanish-speaking country and who wish to develop their reading and writing skills. Students in the course will develop their linguistic and cultural competence as they study culture from around the Spanish-speaking world. This class can be taken more than once over the course of high school, depending on each student's needs, and they would receive a Spanish credit for each year completed.

JAPANESE I

Course #: FL200

Grade: 9-12

Prerequisite: "C" or above in English

Credit: 1.00

Program Type: College Prep

Fee: None

Japanese 1 introduces basic communication skills in Japanese. Hiragana, Katakana, and Kanji will be studied. Students will learn how to gain meaning through authentic materials. Interpersonal speaking and presentational speaking will be explored as appropriate to the novice level. The interrelationships between Japanese culture and language will be studied. No prior language knowledge or experience is required.

JAPANESE II

Course #: FL210

Grade: 9-12

Prerequisite: C or above in Japanese 1 & teacher recommendation

Credit: 1.00

Program Type: College Prep

Fee: None

Japanese 2 requires fluency in Hiragana and Katakana usage as well as mastery of the Kanji introduced in year one. Students will continue to expand their language proficiency in speaking while further developing vocabulary and intermediate proficiency skills. Students will also work on language production and comprehension through reading and writing using Kanji. Classes will continue to focus on interpersonal communication and deeper analysis of authentic sources. The interrelationships between Japanese culture and language will be further explored, while learning about the country's products and practices. A passing grade in Japanese 1 is required.

JAPANESE III

Course #: FL220

Grade: 10-12

Prerequisite: C or above in Japanese 2

Credit: 1.00

Program Type: College Prep

Fee: None

Japanese 3 requires fluency in Hiragana and Katakana usage as well as mastery of the Kanji introduced in year one and two. Students will continue to build their language proficiency and ability to create with the language. Authentic materials will be explored at a deeper level with students working on identifying kanji on context clues and radicals. The interrelationships between Japanese culture and language will be further explored through the analysis of existing politeness levels in society. Students will also be exposed to various traditional Japanese arts. A passing grade in Japanese 2 is required.

JAPANESE IV

Course #: FL230

Grade: 10-12

Prerequisite: C or above in Japanese 3

Credit: 1.00

Program Type: College Prep, Honors

Fee: None

Japanese 4 is a pre-AP course which requires fluency in Hiragana and Katakana usage as well as mastery of the Kanji introduced in year one, two and three. Students will focus on contributing to conversations with accuracy, clarity, and precision and communicating on various topics based on the AP themes. Authentic sources will continue to be used to deepen reading and writing proficiency in the language. A passing grade in Japanese 3 is required.

INTERNSHIPS

CAREER FOCUSED INTERNSHIP 1

Course #: HPINT300

Credit: 0.5-1.00 credit per semester

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal

Program Type: College & Career Ready

How would you like to turn your personal interests and classroom knowledge into real-world skills? Marysville High School, in conjunction with Ohio Hi-Point Career Center, will assist students with locating a paid or unpaid internship experience in a career field of interest. In this course students will identify a career area of interest and together, with the Internship Coordinator, will be placed in a related workplace. Participants will have the opportunity to have release time from school to gain first-hand experience. Skills that will be focused on will include: professionalism, job preparation, resume writing, and on the job training. This course will be graded pass/fail, and can be repeated for additional credit. (Admission to the program may also be at the discretion of the administration.)

Criteria for Internships:

- Junior or Senior
- School attendance rate of 95%
- No major discipline record
- 2.5 or higher cumulative GPA
- On target for graduation
- Availability in course schedule for release
- Teacher recommendations
- Parent consent for participation
- Completed application
- Transportation provided by the student

CAREER FOCUSED INTERNSHIP 2

Course #: HPINT400

Prerequisite: Career Focused Internship 1

Credit: 0.5-1.00 credit per semester

Graduation Seal for Qualified Students: Ohio Means Jobs Readiness Seal

Program Type: College & Career Ready

How would you like to turn your personal interests and classroom knowledge into real-world skills? Marysville High School, in conjunction with Ohio Hi-Point Career Center, will assist students with locating a paid or unpaid internship experience in a career field of interest. In this course students will identify a career area of interest and together, with the Internship Coordinator, will be placed in a related workplace. Participants will have the opportunity to have release time from school to gain first-hand experience. Skills that will be focused on will include: professionalism, job preparation, resume writing, and on the job training. This course will be graded pass/fail, and can be repeated for additional credit. (Admission to the program may also be at the discretion of the administration.)

Criteria for Internships:

- Senior
- School attendance rate of 95%
- No major discipline record
- 2.5 or higher cumulative GPA
- On target for graduation
- Availability in course schedule for release
- Teacher recommendations
- Parent consent for participation
- Completed application
- Transportation provided by the student

INDIVIDUALIZED EDUCATION PLAN (IEP) COURSE BOOK

The purpose of special education is to educate the student as nearly as possible with and like his/her peers. Therefore, the student is only removed from the mainstream for areas of individualized special instruction and remediation of skills. The course work is highly individualized and is based on testing reflected in objectives, which are stated in the student's Individual Education Plan (IEP). Guidelines for special education programs were mandated in P.L. 94-142 and are implemented throughout the State of Ohio's comprehensive plan and augmented by local school districts.

MULTIPLE DISABILITIES - RESOURCE

FUNCTIONAL MATH I

Course #: MD1

Prerequisite: None

Credit: 1.00

Program type: Resource MD

Fee: None

This course is designed to teach students the functional math concepts needed to live and work independently in the community. Money summation, shopping concepts, time and schedule (calendar) management are included in this curriculum. The curriculum is individualized according to student need and most activities are completed in a small group setting.

LANGUAGE ARTS I

Course #: MD5

Prerequisite: None

Credit: 1.00

Program type: Resource MD

Fee: None

Language Arts I combines modified content standards in reading and writing and addresses students' individualized learning goals. The course will focus on personalized student needs including grammar, vocabulary, reading comprehension skills and writing techniques. Specific skills will include inferring, summarizing, pre-writing skills, use of graphic organizers and proofreading.

VOCATIONAL SKILLS I

Course #: MD7

Prerequisite: None

Credit: 1.00

Program type: Resource MD

Fee: None

Students will explore vocational skills through hands on activities to simulate or perform real work tasks. Students will participate in job trials around the school.

MODIFIED PHYSICAL EDUCATION

Course #: PEH110RE: 1st semester

Course #: PEH120RE: 2nd semester

Prerequisite: None

Credit: .25

Program type: Resource MD

Fee: None

Modified Physical Education provides students the opportunity to enhance their physical skills. Students walk on a regular basis and take part in games that are tailored to fit their individual needs. The class stresses participation, cooperation, sportsmanship, teamwork, and following the rules.

DAILY LIVING SKILLS (Not offered 2025-2026)

Course #: MD9

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

This course is designed to prepare students for life in the community. Students will learn functional concepts that will help them to use community resources, manage their household and finances and maintain an overall healthy lifestyle. All skills that are taught will be based upon the needs and abilities of the class. Current events and news will also be covered.

PHYSICAL SCIENCE (Not offered 2025-2026)

Course #: MD24

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

Students will become familiar with topics including matter, solids/liquids/gases, kinetic and potential energy, force and friction, compounds and mixtures, chemical reactions and other topics that help students enhance their functional scientific knowledge.

ECONOMICS AND FINANCIAL LITERACY (Not offered 2025-2026)

Course #: MD21

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

The topics discussed include: budgeting, purchasing, goods and services, supply and demand, state and local taxes, navigating the internet, identifying how a community changes to accommodate needs, etc.

MODIFIED MUSIC (Not offered 2025-2026)

Course #: MD17

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

This is a modified music class. Students will learn about various music genres and gain an appreciation for music as a leisure skill. This course emphasizes fun and creativity!

MODIFIED ART (Not offered 2025-2026)

Course #: MD23

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

This is a modified art class. Students will gain a foundation in basic methods/tools of art and design. It offers a focus on different art mediums such as drawing, painting, collage, mosaic, computer graphics. This course emphasizes fun and creativity!

HEALTH

Course #: MD14

Prerequisite: None

Credit: .50

Program Type: Resource MD

Fee: None

The purpose of this course is to provide students with information concerning the physical and social aspects of health regarding proper diet, first aid physical fitness, well being and sex education. This course will also address the effects of smoking, drinking and the use of illegal drugs.

CURRENT EVENTS

Course #: MD15

Prerequisite: None

Credit: .50

Program Type: Resource MD

Fee: None

This course will enable students to become aware of local, state, national and international news. Group discussions will help foster a greater knowledge of how our world works.

***Health and Current Events will go together – students needing a health credit will be scheduled for one semester of health and the second semester of current events.*

US GOVERNMENT

Course #: MD10

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

This course is based on the individual ability of the student. This course will cover basic principles of local, state, and national government. Students will study citizenship laws and rights. Students will learn how laws and responsibilities will apply to everyday living and independence.

WORLD STUDIES

Course #: MD8

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

Students will gain an overall knowledge of major historical, world events. They will also learn to use maps for locating local, state, and national landmarks and/or sites. Students will learn to read map keys and follow directions to various sites. This course is based on the individual need and ability of the student.

AMERICAN HISTORY (Not offered 2025-2026)

Course #: MD12

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

Course explores the cause and effect of various US historical events, technology and its effect on history, local/state/national leaders, amendments, wars, treaties and compromises and understanding state/local and national current issues.

BIOLOGY (Not offered 2025-2026)

Course #: MD22

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

Students will explore concepts of DNA and genetics, human body systems, organs, the senses, animal classifications, and other topics pertaining to life on Earth.

GEOLOGY AND ENVIRONMENTAL SCIENCE

Course #: MD16

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

This course is a modified Geology and Environmental Science class. We will cover topics such as: Endangered Species, Pollution, Alternative Energy, Rock Types, Minerals, etc. Students will gain an overall knowledge and functional applications of these topics.

PHYSICS

Course #: MD19

Prerequisite: None

Credit: 1.00

Program Type: Resource MD

Fee: None

Students will explore the concepts of electricity, motion, momentum, gravity, energy, mirrors and prisms, sound waves, magnetism.

FRESHMEN - RESOURCE COURSES

ENGLISH 9

Course #: ENG100RE

Prerequisite: None

Credit: 1.00

Program type: Resource

Fee: None

English 9 focuses on the 9th grade standards for reading and writing. This course will focus on sentence writing (complete sentences, paragraph structure, etc.), thesis statements, using textual evidence as supporting detail, and reading comprehension (main idea, inferences, literal comprehension, critical thinking, etc.)

WORLD STUDIES: No longer offered as a resource class. This class will be supported by an IS, but may not be in an inclusion setting.

PHYSICAL SCIENCE: No longer offered as a resource class. This class will be supported by an IS, but may not be in an inclusion setting.

ALGEBRA I

Course #: MTH100RE

Prerequisite: None

Credit: 1.00

Program type: Resource

Fee: None

This course covers typical topics in Algebra. Students will develop skills in carrying out various algorithms, expressions, and equations. Students will develop and use mathematical properties and relationships and apply mathematics in realistic situations where practical. Calculator use is taught and incorporated into most skills areas.

MODIFIED PHYSICAL EDUCATION

Course #: PEH110RE: 1st Semester or PE in the regular education program

Credit: .25

Course #: PEH120RE: 2nd Semester or PE in the regular education program

Prerequisite: None

Fee: None

Modified Physical Education provides students the opportunity to enhance their physical skills. Students walk on a regular basis and take part in games that are tailored to fit their individual needs. The class stresses participation, cooperation, sportsmanship, teamwork, and following the rules.

SOPHOMORES - RESOURCE COURSES

ENGLISH 10

Course #: ENG200RE

Prerequisite: None

Credit: 1.00

Program type: Resource

Fee: None

English 10 focuses on the 10th grade standards for reading and writing and advances on the concepts learned in English 9. This course will focus on grammar, vocabulary, reading comprehension, reading fluency, and writing techniques. Specific skills for this class include inferring, synthesizing, summarizing, essay writing, research skills, and self/peer editing.

BIOLOGY: No longer offered as a resource class. This class will be supported by an IS, but may not be in an inclusion setting.

GEOMETRY 1

Course #: MTH200RE

Prerequisite: 10th Grade

Credit: 1.00

Program type: Resource

Fee: None

This course covers typical topics in plane and solid Geometry. Students will study congruent segments and angles, parallel and perpendicular lines, angle measures, proofs, shapes, Pythagorean Theorem, geometric constructions, coordinate geometry, surface area and volume of solids.

US HISTORY: No longer offered as a resource class. This class will be supported by an IS, but may not be in an inclusion setting.

MODIFIED PHYSICAL EDUCATION

Course #: PEH110RE: 1st semester or PE in the regular education program

Credit: .25

Course #: PEH120RE: 2nd semester or PE in the regular education program

Prerequisite: None

Fee: None

Modified Physical Education provides students the opportunity to enhance their physical skills. Students walk on a regular basis and take part in games that are tailored to fit their individual needs. The class stresses participation, cooperation, sportsmanship, teamwork, and following the rules.

JUNIORS - RESOURCE COURSES

ENGLISH 11

Course #: ENG300RE

Prerequisites: English 9 and 10

Credit: 1.00

Program type: Resource

Fee: None

This course teaches the 11th grade Reading and Writing content standards and incorporates the regular education curriculum as closely as possible. The course will examine various works of literature. Topics include: modern fictional literature, Puritan/Colonial Literature, Romanticism, etc. Skills to be developed include critical reading of both fiction and nonfiction, vocabulary development, literary essay and argumentative essay.

ALGEBRA II

Course #: MTH305RE

Prerequisite: Geometry

Credit: 1.00

Program type: Resource

Fee: None

This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as systems of equations, advanced polynomials, imaginary and complex numbers, and quadratics. It also introduces matrices and other properties.

US GOVERNMENT - No longer offered as a resource class. These classes will be supported by an IS, but may not be in an inclusion setting.

ADVANCED SCIENCE - No longer offered as a resource class. These classes will be supported by an IS, but may not be in an inclusion setting. Chemistry will not be supported by an IS for the 2021-22 school year.

SENIORS - RESOURCE COURSES

ENGLISH 12

Course #: ENG400RE

Prerequisites: English 9, 10, 11

Credit: 1.00

Program type: Resource

Fee: None

This course teaches the 12th grade Reading and Writing content standards and incorporates the regular education curriculum as closely as possible. Students will develop the skills to succeed in a technical or community college or the workplace through writing in multiple genres, reading fiction and nonfiction, and researching contemporary issues.

CAREER MATH

Course #: RECA4

Prerequisite: Senior

Credit: 1.00

Program type: Career Education

Fee: None

This course will be for seniors who will need a life skills class in math. It will contain material to be used in real life. We will include the following units: Banking, taxes, rental/buying property; car buying/travel/transportation, paychecks and calculating timesheets.

Monarch Intervention will be for 1 elective credit for all IEP students in the course. This is a Pass/Fail course.

LEARNING DISABILITY-INCLUSION STUDENTS

Inclusion numbers/Name of class will be used for scheduling purposes only. Once schedules are completed and classes balanced, the inclusion students schedules will be changed to the regular ed. course number.

COURSE SELECTION WORKSHEET

9 10 11 12 (Circle One)

Resource/MD Teachers submit this completed course selection form to the high school guidance office. Inclusion Teachers use this form as a worksheet for your students.

Name: _____

| | Course # | Course Name | Credit |
|----|----------|-------------|--------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |

Alternate Course Selections for Electives

| | | | |
|---|--|--|--|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |