

Madison-Plains High School

Course Description Guide, 2024-2025



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GRADUATION REQUIREMENTS

Requirements for graduation from Madison-Plains High School meet the minimum standards established by the State of Ohio and the Madison-Plains Local Schools Board of Education. To earn a high school diploma from Madison-Plains High School, students must achieve each of the following:

- Earn a minimum of 22 credits and meet Ohio's minimum curriculum requirements (see link)
- Meet the Additional Ohio Graduation Requirements outlined on the next page or meet an approved alternate pathway established by the State of Ohio (see link)
- Perform 20 hours of approved, documented community service hours

Curriculum Requirements and Recommended MPHS Course Sequence

Students are encouraged to take seven courses or its equivalent each year. Students must be enrolled in a minimum of five course credits at all times. All courses listed below are worth 1.0 credit unless otherwise noted. A minimum of 22 credits are required for graduation.

Requirements (Total 22 credits)	9 th Grade	10 th Grade	11 th Grade	12 th Grade
4 credits of Math ¹	Algebra I <i>or</i> Geometry <i>as assigned</i>	Geometry <i>or</i> Algebra II <i>as assigned</i>	Algebra II or PreCalculus or Transition to College Math <i>as assigned</i>	PreCalculus or AP Calculus or Transition to College Math
4 credits of English	English I and Civics I-Amer. History <i>American History and English Literature;</i> 2.0 credits	English II and Civics II-World History <i>World History and English Literature;</i> 2.0 credits	American Literature	British Literature or Media Literacy or CCP Composition
3 credits of Social Studies ²			American Government or AP American Government	World Geography or CCP Western Civilization or CCP American History
3 credits of Science ³	Physical Science <i>unless assigned Biology</i>	Biology <i>unless taken in 9th grade</i>	Chemistry or Physics or Biology 2 or Anatomy and Physiology	Chemistry or Physics or Biology 2 or Anatomy and Physiology
1 credit of Fine Arts	Students can fulfill the Fine Arts credit through Music or Visual Arts. Students are encouraged to meet this requirement prior to their senior year.			
0.5 credit of Physical Education ⁴ and 0.5 credit of Health	Co-ed Phys Ed 1 <i>0.25 credit</i> Co-ed Phys Ed 2 <i>0.25 credit</i>	Health <i>0.5 credit</i>		
0.5 credit of Financial Literacy		Personal Financial Management <i>0.5 credit</i>	Students in the graduating classes of 2023 and beyond can also meet the Financial Literacy requirement by taking Finance Foundations, Business Management for Agriculture, or other pre-approved course <i>or</i> by completing a Career-Tech Pathway	
minimum of 5.5 credits of Electives	<p>Physical Education and Health classes may not be used to meet the state required minimum of 5.0 elective credits. Students may earn credit for Advanced courses in Physical Education and Health <i>beyond</i> the state minimum requirement. Five credits must be earned from any combination of the following: foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education, English, mathematics, science or social studies courses that are not otherwise required.</p> <p>It is recommended that students pursuing College Readiness take a minimum of two years of Foreign Language.</p>			

[1] Mathematics units must include one unit of algebra II or the equivalent of algebra II. Exception: Algebra II is not a requirement for students following a [career-technical pathway](#). However, students still must have four units in mathematics. [Here](#) is more information on Curriculum Choices.

[2] Social studies units must include ½ unit of American history and ½ unit of American government in three units required for the class of 2020. The classes of 2021 and beyond will also need ½ unit in world history and civilizations in their required three social studies credits.

[3] Science units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics, biology 2, anatomy and physiology or other advanced science.

[4] Physical education - Students who participate in interscholastic athletics, marching band or cheerleading for three full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years may be exempt from the physical education requirement.

Additional Ohio Graduation Requirements

Classes of 2023 and beyond

Students in the classes of 2023 and beyond will be required to meet the state's new permanent requirements in order to graduate. The permanent requirements are listed below:

1. **Demonstrate Competency:** Students must demonstrate competency in math and English by passing the state's Algebra I and English II tests. Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below:
 - a. Earn credit for one math and/or one English course through College Credit Plus;
 - b. Demonstrate career readiness and technical skill through foundational and supporting options;
 - c. Enter into a contract to enlist in the military upon graduation.
2. **Preparation for College or Careers:** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, and the military or self-sustaining professions. See Appendix I for more details.
 - a. State seals include: College-Ready Seal, Industry-Recognized Credential Seal, Military Enlistment Seal, Honors Diploma Seal, Science Seal, Citizenship Seal, Technology Seal, OhioMeansJobs Readiness Seal, and State Seal of Bi-literacy
 - b. Local seals include: Fine and Performing Arts Seal, Student Engagement Seal, Community Service Seal

Red Cross Honor Cord

Each senior making a donation three times in their senior year will be eligible to receive a special honor cord from their school in recognition of their dedication and volunteerism.

Class Ranking; Valedictorian/Salutatorian

Class ranking is determined by weighted grade point average.

The Valedictorian and Salutatorian of each class must receive the Diploma of Honors listed in the student handbook as designed by the State Board of Education. Valedictorian will be the first numerically ranked student in the class as of the end of the 3rd nine weeks of senior year using the weighted grade point average (GPA). The Salutatorian will automatically be the second numerically ranked student in the class using the weighted GPA. In the event of a tie for Valedictorian, the Salutatorian will be the highest numerically ranked student not tied for number one in the class.

Consideration for Valedictorian/Salutatorian:

Candidates must be enrolled full-time at all times. This includes students participating in College Credit Plus (CCP). For questions about full-time status at your CCP institution, please check with the high school counselor.

Home schooled students entering MPHS after the first semester of the freshman year will not be considered for valedictorian/salutatorian.

In the event of a tie: In order to be considered for Valedictorian/Salutatorian, the student must also take the ACT by April of the graduation year. The highest composite score will be used to break all ties. In the event two students have identical GPAs and identical composite scores on the ACT, then the student with the greatest number of high school credits earned will be declared Valedictorian. If all three criteria are identical, then a tie will be declared.

Diploma of Honors

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences. Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements. Students must meet all but one of the criteria listed on the following page to qualify for an Honors Diploma. Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Ohio students have the opportunity to choose to pursue one of six honors diplomas:

1. [Academic Honors Diploma](#)
2. [International Baccalaureate Honors Diploma](#)
3. [Career Tech Honors Diploma](#)
4. [STEM Honors Diploma](#)
5. [Arts Honors Diploma](#) (includes dance, drama/theatre, music and visual art)
6. [Social Science and Civic Engagement Honors Diploma](#)



Ohio High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains ⁴ equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of ² advanced science	4 units, biology, chemistry, and at least one additional advance science ²	4 units, including two units of advanced science ²	5 units, including two units of advanced science ²	3 units, including one unit of advanced science ²	3 units, including one unit of advanced science ²
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language 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	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum ³	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	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/¹WorkKeys	N/A	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁹ /WorkKeys (6 Reading for Information & 6 Applied Mathematics) ⁷	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵

Portfolio	N/A	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 ⁶	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 ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

NOTES:

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre--suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

½ unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

¹ Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

² Advanced science refers to courses that are inquiry--based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry--level college course (clearly preparing students for a college freshman--level science class, such as anatomy, botany, or astronomy).

³ Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post--secondary credit.

⁴ The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

⁵ Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

⁶ The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or portfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

⁷ Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

⁸ These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found here. Further information on test concordance can be found here.

Academic Honors Diploma

New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Social Studies	One additional unit Social Studies
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

Career Tech Honors Diploma

New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

CAREER TECH HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Career-Tech Coursework	Four units of Career-Tech Courses
3 Career-Tech Proficiency	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program
4 World Languages	Two units of one world language
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT/Workkeys	ACT: Score of 27 or higher, SAT: Score of 1280 or higher Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.
7 Industry-Recognized Seal or Technology Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT**, **GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

OPTIONS:

- » [College Credit Plus](#): 12 total College Credit Plus credit hours
- » [Advanced Placement](#): three courses with score of 3 or higher on AP tests
- » [Career-Technical Assurance Guide](#) (CTAG): 12 total credits
- » [Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18
- » [WorkKeys](#): Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)
- » [Armed Services Vocational Battery](#): Score of 50 or above on the ASVAB
- » [Work-Based Learning](#): 250 total hours of work-based learning

Minimum College Entrance Recommendations

To assist students in making a smooth transition from high school to college, Madison-Plains recommends the following courses in preparation for college.

- 4 Credits of English
- 4 Credits of Mathematics (Including Algebra I, Geometry, and Algebra II)
- 3 Credits of Social Studies
- 3 Credits of Science (including Physical Science, Biology and advanced science)
- 2 Credits of a single Foreign Language
- 1 Credit of Fine Art
- 1 Credit of Business or Technology

NCAA College Freshman Eligibility Requirements

If students are planning to enroll in college and wish to participate in Division I or Division II sports, they must be certified by the NCAA Initial-Eligibility Center. There are several steps in this process.

For more detailed information and the application materials, contact the Guidance Office or refer to the [NCAA Eligibility Center website at this link](#). NCAA approved courses are noted throughout this guidebook.

Grade Level Classification

Students are classified by grade according to the number of credits they have accumulated. The minimum credits for grade classification are as follows:

10th Grade: completion of 5 credits

11th Grade: completion of 10 credits

12th Grade: completion of 15 credits

Graduation: students must complete 22 credits and meet the minimum curriculum requirements, state assessment criteria, and 20 community service hours

The minimum student course load is 5 credits at all times. However, you must exceed minimum course loads in order to meet graduation requirements. **It is recommended that students take seven courses each semester.** Students are not permitted more than ONE study hall per semester unless approved.

Grading Scale

Madison-Plains uses the following grading scale:

Alpha Mark	Grade Scale	Point Values	Weighted Point Value
A	93-100	4.0	5.0
A-	90-92	3.67	4.67
B+	87-89	3.33	4.33
B	83-86	3.0	4.0
B-	80-82	2.67	3.67
C+	77-79	2.33	3.33
C	73-76	2.0	3.0
C-	70-72	1.67	2.67
D+	67-69	1.33	1.33
D	63-66	1.0	1.0
D-	60-62	0.67	.67
F	0-59	0	0

The following classes meet the requirements for weighted grades at Madison-Plains:

- All AP Courses Traditional and MPVS
- All College Credit Plus Courses that are part of the Madison-Plains course offerings
- CCP Courses taken off campus in subject areas where Madison-Plains offers weighted grades on campus
- Honors-level courses including:
 - Pre-Calculus
 - Calculus
 - Physics
 - Spanish IV
 - French IV
 - British Literature

EDUCATIONAL OPTIONS

Madison-Plains recognizes the need to provide alternate means by which students achieve goals of the district through various educational options. Such options may require students to complete paperwork or meet other requirements based on the program. For more information about any of the following options, contact the high school counselor.

Early Graduation

Madison-Plains Local School District has a policy for students wishing to graduate early from high school. Students considering early graduation should discuss this option with their high school counselor at the beginning of the early graduation year.

Credit Recovery

If a student has completed a course and not passed the course, the student may recover the credit through summer school credit recovery or by repeating the course during the school year. Some MPVS courses are offered to help students recover credit.

Summer School Opportunity

Students may request to take a recovery course or certain courses over the summer. **The cost of the course is at the expense of the student. Students who desire to take a summer course should meet with the high school counselor and complete the Summer Boost form.**

Advanced Placement Courses (AP Program-College Board)

The Advanced Placement Program (AP) offers college level courses in various disciplines with the primary goal of preparing a student to master college level material while in a secondary school environment. AP offers a learning experience which is more challenging and requires more work and time than typical high school/college preparatory/honors courses.

The AP Exam is an option for students who wish to earn college credit in the respective AP courses. The Exams are administered in May on national testing dates established by the College Board. Scores range from 1 (lowest) to 5 (highest). The determination of an acceptable score, placement and whether or not credit is awarded is at the discretion of the receiving college/university. Not all colleges/universities accept AP test scores for college credit so students are advised to check with their intended college/university to see if they do. Regardless, the challenges of learning, preparing for, taking the exam remain among the best experiences in preparing for college level learning. The fee for the AP exam is approximately \$95. In many cases fee waivers or grants are available to help students pay these costs.

Madison-Plains offers the following Advanced Placement Courses:

AP Calculus

AP American Government

College Credit Plus

College Credit Plus is a program that gives students in grades 7–12 an opportunity to be enrolled in both high school and college course work at the same time. Madison-Plains has College Credit Plus agreements with several colleges. Admission criteria into College Credit Plus courses vary depending on the college/university offering the credit. Students must meet eligibility requirements and may have to pay designated fees to participate at any private institution.

The College Credit Plus program requires that students indicate to school officials their intent to participate by April 1st the year prior to participating. Failure to do so will make the student ineligible to participate. For more information about college credit opportunities, contact the high school counselor.

Madison-Plains has worked with Southern State Community College to make courses available in our high school, taught by our teachers. **Course availability at Madison-Plains is dependent on enrollment numbers. It is our intention to offer the following courses during the 2024-2025 school year:**

CCP English Composition 1 – 1101

CCP English Composition 2 – 1102

CCP American History 1 – 1110

CCP American History 2 – 1111

CCP Introduction to Western Civilization 1 – 1151

CCP Introduction to Western Civilization 2 – 1152

Tolles Career & Technical Center

Tolles Career & Technical Center offers tuition-free career & technical programming to students who are interested in pursuing their education at a two- or four-year university; students interested in pursuing a career immediately after high school; or a combination of both.

As Tolles is considered an extension of Madison-Plains Local Schools, students are expected to meet graduation requirements in order to graduate Madison-Plains High School. In addition to receiving their high school diploma, students who successfully complete a Tolles program will receive a Certificate of Completion and Career Passport from the Center. Tolles offers a full range of college preparatory academics. Tolles provides students with several opportunities to receive college credit through the College Credit Plus (CC+) for qualifying students. Many Tolles students continue their education at the postsecondary level.

Entrance Requirements—Admission requirements to attend Tolles Career & Technical Center include a minimum of eight (8) high school credits (including six core course requirements in English, Math, Science, and Social Studies) for students who will be juniors. Students with three years of high school must have ten (10) high school credits with eight core courses. It is strongly suggested that students satisfy their Health and Physical Education credits prior to attending Tolles Career & Technical Center. Additional prerequisites may be required depending on the program.

For more information about Tolles Career & Technical Center, please contact the high school counselor or call Tolles at (614) 873-4666; alternatively, visit the Tolles website at www.tollestech.com.

Career-Technical Pathways

Madison-Plains students have the opportunity to engage in career-technical education at our partner school, Tolles Technical Center. In addition, the following career pathways are offered at Madison-Plains High School. Students who complete career-technical pathways have the opportunity to earn an industry-recognized credential or a group of credentials totaling 12 points.

Agribusiness & Production Systems

- Agriculture, Food and Natural Resources
- Animal and Plant Science
- Business Management for Agricultural & Environmental Systems
- CTE Agricultural & Environmental Systems Capstone

Business and Administrative Services

- Finance Foundations
- Management Principles
- Business Applications and Economics
- Strategic Entrepreneurship

Information Support & Services

- Information Technology
- Web Design
- Computer Hardware
- Computer Software

Early Work Release

Early Work Release Guidelines

The early work release program is a privilege that is available to certain qualified **seniors only**. Requests are not automatically granted. All applications must be reviewed by the building principal or their designee.

Through the early work release program, students will be permitted to leave early from school in order to go to work. Students will be released after the completion of 5th period. Employers should not expect students to be released any sooner than that each day. Travel time for the student to get to the job site should be built into the employer's work schedule.

The following are the CONDITIONS of the school's work release agreement:

1. The student must be eligible for graduation in May of their senior year.
2. The student must remain in school for a minimum of 5 classes (i.e., five credits for full-time status) per day, not including study halls.
3. The student will not exceed ten (10) absences in any of the 5 class periods for the school year.
4. If the student receives a progress report indicating failure in any class, the student WILL NOT BE RELEASED FOR WORK UNTIL THE STUDENT IS PASSING IN ALL CLASSES.
5. If the student is directed by an administrator to stay after school for disciplinary reasons (detention, Wednesday School, etc.), the student must make arrangements with their employer to attend.
6. Early-release students will be required to rearrange their out-of-school schedules in order to participate in mandatory senior activities such as graduation practice, special testing programs, or semester examinations.
7. The following agreement must be submitted and approved in order for a senior to participate. [Early Work Release Agreement](#)

Course Descriptions by Department

English Language Arts Department Course Descriptions.

Four credits of English (ELA) are required for graduation. Additional English courses can be taken to meet the elective requirements for graduation.

- [English I \(265\) - Grade 9](#)
- [English II \(270\) - Grade 10](#)
- [American Literature \(273\) - Grade 11,12](#)
- [British Literature \(203\) - Grade 12](#)
- [Creative Writing \(205\) - Grade 12](#)
- [Journalism-Fall \(212\) - Grade 11, 12](#)
- [Journalism-Spring \(213\) - Grade 11, 12](#)
- [Mythology: Myths, Legends, Fairy Tales, & Folktales \(207\) - Grade 10, 11, 12](#)
- [CCP Composition 1 & II ENGL 1101,1102 \(274,275\) - Grades 9,10,11,12](#)

Grade 9	ENGLISH I (265)	All year	1.0 credit ELA
<p>Students will be surveying grammar, vocabulary, reference, and literature skills that will be needed for the rest of the high school and college preparatory experience. Students will also be developing the reading, writing, and speaking skills needed to meet graduation assessment requirements. This course may be offered concurrently in a block course with Civics I-American History (345) dependent on issues such as spacing, staffing, and student need. In which case, this course includes one English section of the Civics-English Program and, in addition to English, students will explore the time period from 1750 to 1790 and Industrial Age to the present. Events from American history are studied in the context of world events from this time period. When combined with course 345 this class also focuses on six key learning elements; American history, the roles of people in diverse societies, how people around the world interact, decision-making, the principles and processes of democracy, and the rights and responsibilities of citizenship. (NCAA approved)</p>			

Grade 10	ENGLISH II (270)	All year	1.0 credit ELA
<p>Students will be reinforcing and developing the grammar, vocabulary, literature, writing and speaking skills that were started in the ninth grade level of this program. In addition, students will be exploring selections from World Literature. Students will also be developing the reading, writing, and speaking skills needed for the English II end of course exam. This course may be offered concurrently in a block course with Civics II-World History (330) dependent on issues such as spacing, staffing, and student need. In which case, this course includes one English section of the Civics-English Program and, in addition to English, a survey of World History is explored including the key events and global historical developments since the time of classical civilization that have shaped the world we live in today. The scope of the class includes all aspects of human experience: economics, science, religion, philosophy, politics and law, military conflict, literature and the arts. The course will illuminate connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will have the opportunity to take part in special activities, such as the class trip to New York and Philadelphia. (NCAA approved)</p>			

Grade 11, 12	AMERICAN LITERATURE (273)	All year	1.0 credit ELA
<p>This course is assigned to all Juniors. Seniors who have not yet taken this course may be assigned this course. Juniors engage in deep literary analysis through this course that teaches students about the themes, styles, and rhetorical features of prominent American literature and historical documents. Students should expect to read and be accountable for multiple full-length books and several shorter readings (short stories, poems, chapters of books, etc.) Students will engage in close readings of key American historical documents foundational to our government. Assignments will focus on College and Career Readiness standards such as reading closely; citing examples and research; analyzing figurative language; understanding irony and ambiguity; gathering information; presenting information clearly; using correct and description language; and correctly interpreting a variety of texts. Students will write multiple research papers and literary analysis essays. (NCAA approved)</p>			

Grade 12	BRITISH LITERATURE (203) Weighted Grade	All year	1.0 credit ELA
<p>Prerequisite: American Literature with at least a “C” or a College Readiness score on ACT or SAT This honors-level course teaches students about major British literary periods and takes an interactive approach to the study of literature by incorporating literary theory and reading comprehension, research, writing, listening, and speaking skills. Course study will include a variety of genres within British literature beginning with the Anglo-Saxon Period and ending with Twentieth Century Period literature. Composition in all genres is a major component of this course, as well as development of analytical and critical thinking skills. Grammar, mechanics, and usage will be covered within the context of the literature and writing. A formal, documented 7-page research paper is required. In order to prepare students for the college setting, two supplementary reading requirements are mandated each nine weeks. (NCAA approved)</p>			

Grade 12	CREATIVE WRITING (205)	All year	1.0 credit ELA
<p>This course will focus on expressive writing in many different forms. Students will have the opportunity to explore several different types of poetry and prose styles, as well as responding to literature, art mediums, quotes, and music. Originality and writing that shows thought will be emphasized. Strategies to avoid writer’s block and new ways to uncover ideas for writing will be studied. Peer reviews and sharing ideas are essential elements to this course. This course also includes opportunities for students to develop poetic skills by teaching them how poets use the language devices of sound, sensory images, figurative expressions, and musical rhythms to share their insights through word-art. Throughout the course, students will experiment with a variety of writing methods. Students will present and perform their lyrical works. Peer reviews and sharing ideas are essential elements to this course.</p>			

Grade 11,12	JOURNALISM-FALL (212) JOURNALISM-SPRING (213)	Semester Semester	0.5 credit ELA 0.5 credit ELA
<p>Prerequisite: <u>Students must complete an application and be approved prior to registering for this elective class.</u> Students taking Journalism-Spring must have taken Journalism-Fall either this school year or the previous school year. Click here for Journalism application</p> <p>This course includes the study and practice of writing, editing, and publishing articles for a variety of news media including The Eagle Editorial, the Student News Site of Madison-Plains High School. Instruction centers on the writing and research standards in Ohio's Learning Standards for English Language Arts. At times, students will need to cover school and local events outside of class time. (NCAA approved)</p>			

Grade 10,11,12	WORLD MYTHOLOGY(207)	All Year	1.0 credit ELA
<p>Students will read and explore a compilation of ancient and modern cultures through myths and epics from around the world. Students will read and draw parallels between ancient myths and modern retellings. (NCAA approved)</p>			

CCP Course offered dependent on enrollment numbers

Recommended Grade 11 or 12	CCP Composition 1 and 2 ENGL 1101, 1102 (274, 275)	Weighted Grade*	1st Sem 2nd Sem.	1.0 credit ELA 1.0 credit ELA
<p>Students must be admitted to Southern State and enrolled in this course through Southern State. This course will be weighted if British Literature is offered in the same year for a weighted grade. Composition I provides an introduction to expository writing, emphasizing the clear and concise expression of ideas in a variety of rhetorical modes. Composition II advances those skills acquired in English 1101, continuing to engage students in the clear and concise expression of ideas while emphasizing argumentation and research writing. Current MLA (or APA) documentation is required. (NCAA approved)</p>				

English Learners Course Descriptions

English learner (EL) courses are designed to provide our multilingual students with effective, evidence-based instruction, which facilitates the acquisition of the English language skills and content knowledge necessary to access broader curricular and extracurricular opportunities.

- [EL ELA \(215\) - Grade 9,10,11,12](#)
- [English Language Development \(216,217\) - Grade 9,10,11,12](#)
- [EL Supported Studies \(941,942\) - Grade 9,10,11,12](#)

Grade 9,10,11,12	EL ELA (215)	All year	1.0 credit ELA
<p>This course is designed for students for whom English is not their first language. The focus of instruction is to help students develop and improve skills in the four communication areas: reading, writing, listening, and speaking. Students receive intensive review of English grammar as well as instruction in vocabulary building, essay writing, multicultural literature, and oral presentations.</p> <p>This course may be completed for credit multiple times.</p>			

Grade 9,10,11, 12	ENGLISH LANGUAGE DEVELOPMENT (216,217)	Semester	.50 credit ELA
<p>In this course, multilingual learners will acquire essential skills through evidence-based instruction. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.</p> <p>This course may be completed for credit multiple times.</p>			

Grade 9,10,11, 12	EL SUPPORTED STUDIES (941,942)	Semester	0.0 credit
<p>This course is designed for those EL students needing reinforcement of content area skills and concepts through instruction. Students may also receive literacy intervention including state assessment preparation.</p>			

Mathematics Department Course Descriptions

Four credits of math are required for graduation. Students are assigned math courses based on the sequence of courses and performance in prior math classes.

- [Algebra I \(400\) - Grade 9](#)
- [Geometry \(411\) - Grades 9,10](#)
- [Algebra II \(402\) - Grades 10,11,12](#)
- [Transitions & Statistics \(447\) - Grades 11,12](#)
- [Pre-Calculus \(403\) - Grades 11,12](#)
- [AP Calculus \(405\) - Grade 12](#)

Grade 9	ALGEBRA I (400)	All year	1.0 credit Math
<p>The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. It will cover Ohio's Learning Standards for Math. This class is a prerequisite for Geometry. This class is a blended curriculum. It is recommended to have access to graphing calculators and internet access outside of the classroom. Students will take the state Algebra I end of course exam in the spring of this course. Students in need of extra support may be scheduled in a double-block of Algebra I (Course 401) for 1.5 credits. (NCAA approved)</p>			

Grade 9, 10	GEOMETRY (411)	All year	1.0 credit Math
<p>Prerequisite: Successful completion of Algebra I</p> <p>The fundamental purpose of this course in Geometry is to formalize and extend students' geometric experiences from the middle grades. It will cover Ohio's Learning Standards for Math. May be taken simultaneously with Algebra II. This class is a blended curriculum. It is recommended to have access to graphing calculators and internet access outside of the classroom. Students will take the state Geometry end of course exam in the spring of this course. (NCAA approved)</p>			

Grade 10,11,12	ALGEBRA II (402)	All year	1.0 credit Math
<p>Prerequisite: Successful completion of Algebra I</p> <p>Students extend their repertoire of functions to include polynomial, rational, and radical functions. It will cover Ohio's Learning Standards for Math. May be taken simultaneously with Geometry. This class is a blended curriculum. It is recommended to have access to graphing calculators and internet access outside of the classroom. Students in need of extra support may be scheduled in a double-block of Algebra II (Course 404) for 1.5 credits. (NCAA approved)</p>			

Fourth-year course options

Grade 11, 12	TRANSITION & STATISTICS (447)	All year	1.0 credit Math
Prerequisite: Successful completion of Algebra II			
<p>This course is an introduction to statistical and probability concepts. Topics to be studied include descriptive statistics, probability of finite sample spaces, probability distributions, hypothesis testing, confidence intervals and parameter estimation. It is a fast paced review of algebraic concepts designed to improve readiness for college and careers. The course covers graphing of linear, polynomial and exponential functions as well as properties of exponents, rational expressions and solving quadratics and systems of equations. Scientific calculators required, graphing calculators strongly recommended. This course also qualifies as an Algebra II equivalent to meet graduation requirements. (NCAA approved)</p>			

Grade 11, 12	PRE-CALCULUS (403)	Weighted Grade	All year	1.0 credit Math
Prerequisite: A "B" average in Algebra II or teacher recommendation or a College Readiness score on the ACT or SAT.				
<p>The in depth study of functions including polynomial, quadratic, exponential, logarithmic, trigonometric, and conic sections, right triangle and unit circle perspectives. This will also include proving trigonometric identities, graphing of trigonometric functions, and the study of vectors. TI-83/84 calculators are required. This is a prerequisite for Calculus. (NCAA approved)</p>				

AP course

Grade 12	AP CALCULUS (405)	Weighted Grade	All year	1.0 credit Math
Prerequisite: A "B" average in Pre-Calculus or teacher recommendation or a College Readiness score on the ACT or SAT. Students who enroll in this course are expected to take the AP Calculus Exam.				
<p>This course is an introductory course in calculus, including differential and integral calculus. It is designed for students who have done well in previous college preparatory math courses and have a real desire to continue their mathematical growth. Topics include: derivatives of algebraic, log, exponential and trigonometric functions, the definite and indefinite integral, and basic integration techniques. Graphing calculators are required. (NCAA approved)</p>				

Science Department Course Descriptions

Three credits of science are required for graduation including a physical science course, a life science course (Biology), and an advanced science credit. The following MP courses meet the advanced science credit: Chemistry, Physics, Biology 2, Human Anatomy and Physiology. CTE Plant and Animal Science may also satisfy the advanced science credit for those students in the Agricultural Science program. Students are assigned to their freshmen science courses based on teacher recommendation and previous assessment results.

- [Physical Science \(504\) - Grades 9,10](#)
- [Biology \(500\) - Grades 9,10](#)
- [Chemistry \(530\) - Grades 10,11,12](#)
- [Physics \(535\) - Grades 11,12](#)
- [Anatomy and Physiology \(511\) - Grades 11,12](#)
- [Biology II \(501\) - Grades 11,12](#)

Grade 9 or 10	PHYSICAL SCIENCE (504)	All year	1.0 credit Science
<p>Students will be assigned to their freshmen and sophomore level science courses based on teacher recommendation and previous assessment results. Most students will take Physical Science in grade 9.</p> <p>Topics presented in Physical Science align with the Ohio's Learning Standards in Science and fulfills the Ohio Core requirement for physical science. This course addresses physical science (basic chemistry and physics) and related principles in Earth and Space Sciences. Physical Science concepts include the nature of matter and energy; identifiable physical properties of substances; and properties of forces that act on objects. Students will learn about forces and motions, structures and properties of atoms, how atoms react with each other to form other substances, and how molecules react with each other or other atoms. Earth and Space Science topics include processes that move and shape the Earth, Earth's interaction with the solar system, and gravitational forces. Students continue to develop a deeper understanding of the processes of scientific inquiry and how these processes use evidence to support conclusions based on logical reasoning. Students investigate ways in which science and technologies combine to meet human needs and solve human problems. Students will trace the historical development of scientific theories and ideas, explore scientific theories and develop their scientific literacy to become knowledgeable citizens. (NCAA approved)</p>			

Grade 9 or 10	BIOLOGY (500)	All year	1.0 credit Science
<p>Students will be assigned to their freshmen and sophomore level science courses based on teacher recommendation and previous assessment results.</p> <p>Biology is a course based on the Ohio's Learning Standards in Science and fulfills the Ohio Core requirement for life science. In this course, students will advance studies in the following: structure, function and natural cycles of living systems; molecular basis in heredity through genetics; base properties with emphasis on the levels of organization; interdependence and behavior of organisms through ecology; cellular structure and reproduction. By the conclusion of this course students will be able to describe how human activities can impact the status of natural systems, summarize the historical development of scientific theories and idea, and describe emerging issues in the study of life science, and explain that scientific knowledge must be based on evidence, be predictive, logical, subject to modification, and limited to the natural world. Extensive laboratory activities, dissections, and research projects will be part of this course. Students in this course will take the state Biology end of course exam in the spring. (NCAA approved)</p>			

Advanced Science Courses (one credit is required for graduation)

Grade 10,11,12	CHEMISTRY (530)	All year	1.0 credit Science
<p>Prerequisite: Physical Science with a “B” average or teacher recommendation, or a College Readiness score on the ACT or SAT assessments. It is highly recommended that students are proficient in Algebra I skills, attaining a 3 or higher on the state end of course exam.</p> <p>Chemistry is a course based on the Ohio’s Learning Standards in Science and fulfills the Ohio Core requirement for advanced study in chemistry. This course will help students develop an understanding of chemistry and apply chemistry knowledge to decision making about scientific technological issues. The course includes the major concepts, vocabulary and intellectual and laboratory skills expected in any introductory chemistry course. Students will study both inorganic and organic chemistry with an emphasis on chemical structure and chemical reactions and nuclear processes and reactions. The purchase of TI-83 Plus calculator is recommended. (NCAA approved)</p>			

Grade 11, 12	PHYSICS (535)	Weighted Grade	All year	1.0 credit Science
<p>Prerequisite: Algebra II with at least a “B” average and Chemistry with at least a “C” average, or teacher recommendation.</p> <p>Physics is an honors level course that accelerates the Ohio’s Learning Standards in Science and fulfills the Ohio Core requirement for advanced study in physics. This course is designed to stimulate and prepare students planning to pursue technical careers, attend technical school, or attend college and major in science, engineering, or other related fields. In this course, students will understand the roles of physics in current and future developments. By the conclusion of this course students will be able to apply principles of force and motion to mathematically analyze, describe, and predict the net effects on objects and systems; demonstrate that waves (sound, seismic, water and light) have energy and can transfer energy when they interact with matter; and explain how scientific evidence is used to develop and revise scientific predictions and theories. Extensive math and laboratory activities are a part of this course. The purchase of TI-83 Plus is recommended. (NCAA approved)</p>				

Advanced Courses offered depending on enrollment numbers

Courses may alternate years

Grade 11, 12	ANATOMY AND PHYSIOLOGY (511)	All year	1.0 credit Science
<p>Prerequisite: Biology with a “C” average or teacher recommendation.</p> <p>A laboratory course designed to study the anatomy and physiology of the human body with emphasis placed on anatomy. This course is limited to juniors and seniors. This course is highly recommended for college preparatory students, pre-nursing students, or any student planning a career in a medical-related profession. (NCAA approved)</p>			

Grade 11, 12	BIOLOGY II (501)	All year	1.0 credit Science
<p>Prerequisite: Biology with a “C” average or teacher recommendation.</p> <p>This course is an advanced science course designed to extend the knowledge gained in Biology to prepare students for advancements in their educational career and entrance into the variety of fields of life science. Some chemistry is incorporated along with physical geology. This course involves investigations, which are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Additionally, this course will explore populations and interactions between groups of organisms. A focus will be on the interactions of humans and the global environment. Students will also investigate problems facing the environment and the possibilities available to combat these issues. This course will leave students with an appreciation for the vast and complex world working together outside their window and the confidence to make decisions based on sound science. Extensive long-term laboratory research and field work may be involved along with data collection and class meetings outside of the designated regular class meeting time. (NCAA approved)</p>			

Social Studies Department Course Descriptions

Three credits of social studies are required for graduation including a half credit of American History and a half credit of American Government. Students in the graduating classes of 2021 and beyond are also required to earn a half credit of World History.

Grade 9	CIVICS I-AMERICAN HISTORY (345)	All year	1.0 credit SS
<p>This class is for all incoming freshmen. Students explore the time period from 1750 to 1790 and Industrial Age to the present. Events from American history are studied in the context of world events from this time period. This class focuses on six key learning elements; American history, the roles of people in diverse societies, how people around the world interact, decision-making, the principles and processes of democracy, and the rights and responsibilities of citizenship. Students will be taking the American History end of course exam. This course may be offered concurrently in a block course with English I (270) dependent on spacing, staffing, and student need. In which case, this course includes one English section of the Civics-English Program and, in addition to American History, students will be surveying grammar, vocabulary, reference, and literature skills that will be needed for the rest of the high school and college preparatory experience. Students will also be developing the reading, writing, and speaking skills needed to meet graduation assessment requirements. (NCAA approved)</p>			

Grade 10	CIVICS II-WORLD HISTORY (330)	All year	1.0 credit SS
<p>A survey of World History is explored including the key events and global historical developments since the time of classical civilization that have shaped the world we live in today. The scope of the class includes all aspects of human experience: economics, science, religion, philosophy, politics and law, military conflict, literature and the arts. The course will illuminate connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will have the opportunity to take part in special activities, such as the class trip to New York and Philadelphia. This course may be offered concurrently in a block course with English II (270) dependent on spacing, staffing, and student need. In which case, this course includes one English section of the Civics-English Program and, in addition to World History, students will be reinforcing and developing the grammar, vocabulary, literature, writing and speaking skills that were started in the ninth grade level of this program. In addition, students will be exploring selections from World Literature. Students will also be developing the reading, writing, and speaking skills needed for the tenth grade end of course English exam. (NCAA approved)</p>			

Grade 11	AMERICAN GOVERNMENT (301)	All year	1.0 credit SS
<p>This is a course dealing with American government. Emphasis is placed on the three major branches of national government. An important goal of this course is to help the student become a more responsible citizen. Current events are discussed and shown how they fit into present American government. (NCAA approved)</p>			

AP course

Grade 11	AP AMERICAN GOVERNMENT (300)	All year	1.0 credit SS
Weighted Grade			
Students enrolled in this course are expected to take the AP exam in the spring.			
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 study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. (NCAA approved)			

CCP Course offered dependent on enrollment numbers

Grade 9,10,11,12	CCP AMERICAN HISTORY 1 and 2; 1151 & 1152 (346, 347)	All year	1.0 credit SS
Weighted Grade			
Students must be admitted to Southern State. This course will be weighted if AP Government is offered during the same year for a weighted grade.			
Course I is a survey of the United States from the pre-Columbian period to 1877. The course will introduce students to the major political, social, economic, religious, cultural, intellectual, and technological developments in American history through reconstruction and the post-Civil War era. Topics will include, but are not limited to; pre-Columbian civilization, European exploration and conquest of the New World, development of European colonies, the colonial era, the American Revolution, the Constitution, economic changes, early industrialization and the formation of political parties. The institution of slavery will be closely examined, as will the concept of Manifest Destiny and the demise of Native American tribal life. The significant causes and events leading to the American Civil War will be discussed as will the military history of the war and reconstruction. The administrations of Jefferson, Jackson, Polk, and Lincoln will also be examined in detail.			
Course II is a survey of the history of the United States from 1877 to the present day. The course will introduce students to the major political, social, economic, religious, cultural, intellectual, and technological developments in American history from the end of reconstruction to the post-modern era. Topics will include, but are not limited to: Gilded Age politics, late 19 th and 20 th century industrialization, economic changes, immigration, Progressivism, American Imperialism, World War one, cultural changes in the 1920's, and The Great Depression. The latter portion of the semester will focus on the events leading to World War Two, the military history of the war, the Cold War, the Civil Rights Movement, social change in the 1950's and 1960's, the Vietnam War, and the post-Cold War era up to the presidential election of 2008. (NCAA approved)			

Grade 9,10,11,12	CCP WESTERN CIVILIZATION 1 and 2- 1110 & 1111 (348, 349) Weighted Grade	All year	1.0 credit SS
<p>Students must be admitted to Southern State. This course will be weighted if AP Government is offered during the same year for a weighted grade. Course I is a survey of Western Civilization from prehistory to 1700. This course will examine major developments in the political, social, economic, religious, cultural, intellectual, and technological life of Western Civilization from the Paleolithic Age to the 17th century. The course will begin with an examination of the earliest evidence of human social existence, then investigate the emergence of the early civilizations of Mesopotamia, Egypt, Assyria, and Persia. The course will then trace the development of the Hebrew, Greek, and Roman civilizations and analyze the impact that Judaic and Greco-Roman principles have had upon the modern world. The course will then examine the collapse of the Roman Empire, the "Dark Ages", and the reemergence of Western society in the High Middle Ages, the Renaissance, the Reformation, religious warfare, and the Scientific Revolution of the 16th and 17th centuries, and concluding with the "Age of Discovery".</p> <p>Course II is a survey of Western Civilization from the 18th century to the present day. This course will examine major developments in the political, social, economic, religious, cultural, intellectual, and technological life of Western Civilization from The Enlightenment to the post-modern era. The course will also examine the economic and political revolutions of the 18th and 19th centuries, the French Revolution and the Napoleonic Era, the growth of new political ideologies (socialism, conservatism, nationalism, and liberalism), the unification of Italy and Germany and Imperialism and Colonialism. Included in the study of the 20th century will be World War One and it's political. economic aftermath, the Russian Revolution, the rise of fascism, the Great Depression, the causes of World War II and the military history of the war, The Cold War, and the Post-Modern era. (NCAA approved)</p>			

Elective course

Grade 12	WORLD GEOGRAPHY (303)	All year	1.0 credit SS
<p>The purpose of this course is to give the student a strong foundation in world geography and current events. Students study the major political geographic divisions of the world, are able to identify significant physical features, and can recognize cities important to each area. Topics relevant to social and economic development are covered with attention to current problems or events. (NCAA approved)</p>			

Fine Arts Department Course Descriptions

One credit (two semesters) of Fine Arts is required for graduation and may be fulfilled through music and/or art courses at Madison-Plains. Also, 5.5 elective credits are required beyond the one credit of Fine Arts. Students have many opportunities to fulfill this graduation requirement through a variety of courses in this department.

Musical Arts

- [Band \(725,726,727\) - Grades 9,10,11,12](#)
- [Choir \(720\) - Grades 9,10,11,12](#)
- [Jazz Band \(729\) - Grades 9,10,11,12](#)

Grades 9,10,11,12	BAND WITH MARCHING BAND/COLOR GUARD (725) BAND (no Marching/Color Guard) (726) MARCHING BAND/COLOR GUARD ONLY (727)	All year All year 1st semester	1.5 credit Fine Arts 1.0 credits Fine Arts 0.5 credits Fine Arts
<p>Students participate in performance groups throughout the year (including Pep Band for basketball games). The focus of the class is to develop the four (4) main elements that make up excellent musical performances (according to OMEA, State Standards and National Standards): Tone, Intonation, Musical Interpretation, and Technique. Performance groups include marching band, concert band and small ensembles, which will represent Madison-Plains High School at athletic events, music competitions, adjudicated events, graduation and local community affairs. Class instruction also includes basic music theory. Music theory is the field of study that examines the language and notation of music, and aids in identifying patterns exploited by composers.</p> <p>Students actively involved in fall sports may opt to be exempt from the marching band portion of the class, substituting it for class work and private instruction. Also, students involved with the marching band's Color Guard may opt to receive ½ credit for a semester of instruction. Students must have teacher's prior approval and be enrolled in the class in order to gain access to the ½ credit option.</p>			

Grades 9,10,11,12	CHOIR (720)	All year	1.0 credit Fine Arts
<p>Choir is offered to students who are interested in developing music skills through singing. This is done by exposing the student to a wide variety of musical styles, both classical and popular, and performing these works in concert. The students are expected to master the fundamentals of music and the discipline of singing including proper breathing, vowel production, tone production, and posture. Sight singing and basic music theory will also be stressed. The choir performs several times during the year, including concerts, graduation, and community events. Performance groups include SATB full ensemble, Men's Choir, Women's Choir, and small ensembles. All regularly scheduled concert performances are mandatory and are included as part of the grade for this course. Each student may be responsible for purchasing his or her own outfit or uniform. Many times the student may already own some or all of the items needed, and costs are kept to a minimum.</p>			

Grades 9,10,11,12	JAZZ BAND (729)	All year	1.0 credit Fine Arts
Prerequisite: Concurrently enrolled in band or permission of instructor			
<p>Students participate in a yearlong performance group. The focus of the class is to introduce a basic understanding of jazz style and become familiar with the “standard”, or well-known and historically influential jazz songs. Basic music theory skills are applied toward improvisation – an inventive solo composed without prior planning. Students will learn a general history of the jazz era. Students are evaluated on ability to write and perform scales from memory, compose improvised solos, concert participation and other music concepts. Students are not limited to traditional band instruments, and with the teacher’s prior approval may also participate on guitar, bass and piano. Reading, writing and performance skills are the bulk of evaluation for Jazz Band. This ensemble may participate in after school field trips to observe professional jazz musicians.</p>			

Visual Arts

- [Introduction to Art & Design \(698\) - Recommended Grades 9,10](#)
- [Artisan Crafts \(706\) - Grades 10,11,12](#)
- [Drawing & Painting \(707\) - Grades 10,11,12](#)
- [Graphic Art & Design \(708\) - Grades 10,11,12](#)
- [Ceramics & Sculpture \(702\) - Grades 10,11,12](#)
- [Advanced Ceramics \(713\) - Grades 11,12](#)
- [Advanced Studio Art & Design \(717\) - Grades 11,12](#)
- [Yearbook \(214\) - Grades 11,12](#)

Recommended Grades 9 or 10	INTRODUCTION TO ART & DESIGN(698)	All year	1.0 credit
This course is the prerequisite for all advanced Art courses.			
<p>This course will introduce concepts, movements, media, and artists that build the basis of Fine Art. During the semester, students will explore 2D and 3D art forms and apply abstract thinking skills to create original pieces of art.</p> <p>This course will explore a deeper approach to concept, movements, media, and influential artists that build the basis for Fine Art. During the semester, students will create 2D and 3D art forms, through the application of critical and abstract thinking skills that are essential to creating original, individual art works. This course will focus on the elements of art and principles of design.</p>			

Grades 10, 11, 12	ARTISAN CRAFTS (776)	All year	1.0 credit Fine Arts
Prerequisite: Successful completion of Introduction to Art and Design with a “C” or higher or teacher recommendation.			
<p>Crafts is a course designed for students who wish to learn a variety of different crafts. In this course, students will create decorative and useful artworks, utilizing materials such as paper, paint, fabrics, clay, plaster, wood, and metal. Students will participate in hands-on activities and develop techniques and skills used by craftsmen all over the world. The course will explore various cultures through the creation of their traditional crafts. Additionally, in Artisan Crafts II, students will learn how to create and manage their own small business.</p>			

Grades 10, 11, 12	DRAWING & PAINTING (777)	All year	1.0 credit Fine Arts
Prerequisite: Successful completion of Introduction to Art and Design with a “C” or higher or teacher recommendation.			
<p>Tackle the basics of drawing by examining objects and learn how to transfer what is real into a drawing surface. Many technical and design skills will be covered such as shading, proportion, perspective, composition, texture, value, and creating visual impact. Expand upon drawing skills to use various paint mediums: ink, watercolor, and acrylics. Learn special effect techniques and paint a wide variety of subjects including landscape, portraits, and still life. Develop blending, shading, and color mixing abilities. Students will choose to draw or paint on each project. Many mediums will be explored such as pencils, pen and ink, charcoal, colored pencils, watercolors, and acrylics.</p>			

Grades 10, 11, 12	Graphic Art & Design (778)	All year	1.0 credit Fine Arts
Prerequisite: Successful completion of Introduction to Art and Design with a “C” or higher or teacher recommendation.			
<p>Graphic Art & Design is a digital art class where you will learn how to use a variety of powerful software and equipment used to create digital art such as Adobe Photoshop, Blender, Procreate, Zbrush, etc. Students will learn to use the computer to visually communicate their ideas and become better prepared to compete in our ever-changing age of technology. They will create original illustrations and commercial art. Students will be required to check out digital drawing tablets in this course. Projects may include, vector illustration, character modeling, logo design, advertisements, and digital painting.</p>			

Grades 10, 11, 12	CERAMICS & SCULPTURE (702)	All year	1.0 credit Fine Arts
<p>Prerequisite: Successful completion of Introduction to Art and Design with a “C” or higher or teacher recommendation.</p> <p>In Ceramics and Sculpture students will learn to create three-dimensional works using a variety of media, including: clay, plaster, paper-mache, wire, etc. The course will focus on the fundamentals of clay, its properties, and tools/techniques necessary to make pottery and sculpture, focused on the use of materials to create a variety of sculpted pieces. Planning will require some drawing for all projects.</p>			

Grades 11 or 12	ADVANCED CERAMICS (773)	All year	1.0 Credit Fine Arts
<p>Prerequisite: Successful completion of Ceramics and Sculpture with a “C” or higher or teacher recommendation.</p> <p>Advanced Ceramics is a course designed for students who have completed Ceramics and Sculpture. This course explores the endless possibilities of hand-built clay work, as well as wheel-thrown pottery, slip casting, and a variety of glazing techniques. Emphasis is placed on creative ideas and use of imagination in 3-D work. This is an independent class that takes place during the Ceramics and Sculpture class. Students must be capable of working independently!</p>			

Grades 11 and 12	ADVANCED STUDIO ART & DESIGN (774)	All year	1.0 Credit Fine Arts
<p>Prerequisite: Successful completion of Introduction to Art & Design with a “C” or higher and successful completion of at least one other advanced Fine Art credit.</p> <p>This course is intended for students who would like to build an art portfolio for college/university, professional prospects or for students who love art. In this course, we will further explore 2D and 3D art mediums in a more independent and individualized manner. The goal is to help students develop their own unique style and applicable skills. In addition, students will learn to use a variety of materials on a more advanced level and how to create a professional portfolio. Basic technical concepts will be reviewed, as well as discussing what to expect in a college level art environment.</p>			

**Grades 11,12
by application only**

YEARBOOK (214)

All year

1.0 credit

Prerequisite: Junior or Senior status. Students must complete an application and be approved prior to registering for this class. This is an elective credit course. This course does not satisfy the Fine Arts requirement for graduation.

[Click here for yearbook application](#)

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year at MPHS. Students will study magazine journalism including layout and design techniques, writing and editing copy, and headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking, and photography. Students will learn strategies of planning, proofing, marketing (ad sales), and distribution of the yearbook. Some assignments and deadlines require staff members to work outside of the regular school day. Enrollment will be limited and is subject to approval by the advisor after completing an application

World Language Department Course Descriptions

Foreign Language credits meet the elective requirements for graduation. College Preparatory students should enroll in foreign language. Foreign language requirements vary by college; the department encourages three years of one language. A diploma of honors requires three credits of one foreign language or two credits of two foreign languages. MPLSD will make every effort to hire World Language teacher(s). In the event, there is no certified teacher, World Language courses will be offered online.

- [French I \(803\) - Grades 9,10,11,12](#)
- [French II \(804\) - Grades 10,11,12](#)
- [French III \(805\) - Grades 11,12](#)
- [French IV \(812\) - Grade 12](#)
- [Spanish I \(801\) - Grade 9,10,11,12](#)
- [Spanish II \(802\) - Grade 10,11,12](#)
- [Spanish III \(807\) - Grade 11,12](#)
- [Spanish IV \(808\) - Grade 12](#)

Grades 9,10,11,12	FRENCH I (803)	All year	1.0 credit elective
<p>Students may begin the sequence of World Language courses at any time in their high school career. It is recommended that students begin in grades 9 or 10 so that they may take full advantage of the course offerings in this department.</p> <p>Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is assessed across four skills - listening, speaking, reading and writing - with emphasis on the ability to communicate orally and in writing. (NCAA approved)</p>			

Grades 10,11,12	FRENCH II (804)	All year	1.0 credit elective
<p>Prerequisite: "C" average in French I</p> <p>Students continue to develop proficiency in all four skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. They learn to function in real-life situations using more complex sentences and language structures. (NCAA approved)</p>			

Grade 11, 12	FRENCH III (805)	All year	1.0 credit elective
<p>Prerequisite: "B" average in French II</p> <p>Students continue to develop and refine their proficiency in all four skills - listening, speaking, reading and writing - with emphasis on the ability to communicate orally and in writing. They communicate using more complex language structures on a variety of topics and by learning concepts that are more abstract. Students gain a deeper understanding of the world. (NCAA approved)</p>			

Grade 12	FRENCH IV (812)	Weighted Grade	All year	1.0 credit elective
<p>Prerequisite: "B" average in French III</p> <p>Students develop more sophisticated communication skills in all four skills - listening, speaking, reading and writing - with emphasis on the ability to interact orally and in writing. Students communicate using more complex language structures and express abstract ideas with reasonable fluency. Students are able to read novels, create, present, and listen to reports. (NCAA approved)</p>				

Recommended	SPANISH I (801)	All year	1.0 credit elective
Grade 9,10,11,12			
<p>Students may begin the sequence of World Language courses at any time in their high school career. It is recommended that students begin in grades 9 or 10 so that they may take full advantage of the course offerings in this department.</p> <p>This course is an introduction to basic Spanish grammar with emphasis on the development of speaking, listening, reading, and writing skills in the present tense. The students will learn the geography of the Spanish-speaking countries and culture. (NCAA approved)</p>			

Grades 10,11,12	SPANISH II (802)	All year	1.0 credit elective
<p>Prerequisite: "C" average in Spanish I</p> <p>This course is a continuation of basic grammatical structures including past, future, and conditional tenses. An emphasis is placed on oral communication development and in depth look into cultures and traditions of the Spanish-speaking countries. (NCAA approved)</p>			

Grade 11, 12	SPANISH III (807)	All year	1.0 credit elective
<p>Prerequisite: "B" average in Spanish II</p> <p>This course stresses the importance of using the acquired skills from Spanish I and II through a variety of projects and exercises. Grammar includes all verb tenses not yet covered in Spanish I and II. There will be listening exercises and writing practices. The students are required to communicate in the target language.</p> <p>(NCAA approved)</p>			

Grade 12	SPANISH IV (808)	WEIGHTED GRADE	All year	1.0 credit elective
<p>Prerequisite: "B" average in Spanish III</p> <p>Intensive reading, writing, and grammar refinement. Students read novels, write compositions, and give oral presentations. Emphasis is placed on vocabulary enrichment and improving the student's ability to listen and communicate. The course prepares students for college placement and/or advanced credits.</p> <p>(NCAA approved)</p>				

Health and Physical Education Department Course Descriptions

One-half credit of physical education and one-half credit of health are required for graduation. Students who participate in interscholastic athletics, marching band or cheerleading for three full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years may be exempt from the physical education requirement. Physical Education and Health classes may not be used to meet the state required minimum of 5.0 elective credits. Students may earn credit for advanced courses in Physical Education and Health beyond the state minimum requirements for elective courses.

- [Co-Ed PE \(748,749\) - Recommended Grade 9](#)
- [Health \(750\) - Recommended Grade 10](#)
- [Weight Training \(745,747\) - Grades 10,11,12](#)

Core Courses for Graduation

Grade 9	CO-ED PHYSICAL EDUCATION A (748)	1 st semester	0.25 credit PE
	CO-ED PHYSICAL EDUCATION B (749)	2 nd semester	0.25 credit PE
Physical Education is designed to offer students a chance to develop skills in individual and team sports. Students will be evaluated according to their skills, knowledge, and participation in each of the units. Students must successfully complete two semesters of a physical education before graduation. Combination lock is recommended. Students must have ½ credit of Physical Education, for graduation. This class will provide some experiences like ice skating, roller skating, and bowling trip.			

Grades 10	HEALTH (750)	semester	0.5 credit Health
Health is required for all students by the end of their sophomore year and is designed to teach students self-awareness. Some of the areas covered are good decision making, relationships, reproduction, parenting, drugs, alcohol, tobacco, and the prevention of communicable and non-communicable diseases.			

Advance Courses offered dependent on enrollment numbers

Grade	WEIGHT TRAINING SPORT FITNESS FALL (745)	1 st semester	0.25 credit *
10,11,12	WEIGHT TRAINING SPORT FITNESS SPRING(747)	2 nd semester	0.25 credit *
Prerequisite: Previously fulfilled state PE requirement for graduation and have an updated physical. This course does <u>not</u> fulfill the minimum requirement for five elective credits for graduation.*			
This class is designed to help improve our athletic programs but also for individuals who are not involved in athletics. The class will help develop and maintain injury prevention routines for both male and female athletes throughout the course of the school year. This class is designed to help each individual student achieve goals such as losing body fat, gaining weight in the form of muscle, increasing cardiovascular and muscular strength/endurance. This class is devoted to weight lifting, strength and resistance training, aerobic/anaerobic exercises and daily fitness planning.			

Agricultural Science Department Course Descriptions

The Agricultural Education program offers a diverse look at modern agriculture to allow each student to identify and appreciate the wide scope that agriculture and its sciences encompass today. Students will spend time in three areas of Agricultural Education; in the classroom, in our lab, and on the school farm. This enables our students to have hands-on experience with much of today's technology in agricultural sciences and allows them to apply their classroom skills to work.

Credentials Earned

Students completing an Agriculture Business pathway with approved SAE programs and successful completion of web exam and three classes will receive the Ohio Agribusiness Association-Agribusiness Certification Credential.

FFA

The FFA is a student organization with emphasis on all areas of agriculture. Students learn valuable leadership, public speaking skills, and responsibilities that are necessary to compete in college or in today's job market. Students are also involved with judging contests and projects, which compete on local, state, and national levels. In order to become an FFA member, students must be enrolled in Agriculture Education. All Ag classes have fees.

Students involved in Agricultural Education classes are required to complete projects called Supervised Agriculture Experiences (S.A.E.). The S.A.E. is an extension of Agriculture Education beyond the classroom. Students apply classroom concepts and applications in agriculture and apply them in their own situations. The S.A.E. helps students learn about agriculture production, good business knowledge, and record keeping. The S.A.E. is also an important part of the FFA Degree System.

Students enrolled in these courses are required to be members of the Madison Plains FFA, Ohio FFA Association, and The National FFA Organization. They will be given opportunities to compete for Local, State, and National Recognition, through completion of a Supervised Agricultural Experience program and Outstanding participation in the FFA Chapter. (Four Credits Wilmington College for two Ag classes, 4 Credits Southern State Community College. Read articulation agreement carefully for all credit details. Articulation agreement is located in the Guidance Office)

- [CTE Agriculture, Food and Natural Resources \(650\) - Grades 9,10](#)
- [CTE Animal and Plant Science \(656\) - Grades 10,11](#)
- [CTE Mechanical Principles \(657\) - Grades 11,12](#)
- [CTE Livestock Selection, Nutrition and Management \(658\) - Grades 10,11,12](#)
- [CTE Business Management for Agricultural & Environmental Systems \(649\) - Grades 11,12](#)
- [CTE Agronomic Systems \(652\) - Grade 12](#)
- [CTE Leadership \(660\) - Grade 12 or FFA officer](#)
- [CTE Agricultural & Environmental Systems Capstone Placement \(663\) - Grade 12](#)

Required First Course

Recommended Grade 9 or 10	CTE AGRICULTURE, FOOD AND NATURAL RESOURCES (650)	All year	1.25 credit elective
<i>Required for all first year members and is the prerequisite course for all other Ag classes</i>			
<p>This first course in the career field is an introduction to Agricultural and Environmental Systems. 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 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.</p>			

Recommended Grade 10,11	CTE ANIMAL AND PLANT SCIENCE (656)	All year	1.25 credit elective
<i>Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources</i>			
<p><i>This course may satisfy the graduation requirement for an advanced science course. However, students must have successfully completed CTE Agriculture, Food and Natural Resources prior to enrolling in this course and must meet all expectations of the course including membership requirements for FFA. If using this course as an advanced science credit, students may not also use it as elective credit.</i></p> <p>Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.</p>			

Grades 11,12	CTE MECHANICAL PRINCIPLES (657)	All year	1.25 credit elective
<i>Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources and must be a junior or senior.</i>			
<p>Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. 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.</p>			

Grades 10,11,12	CTE LIVESTOCK SELECTION, NUTRITION AND MANAGEMENT (658)	All year	1.25 credit elective
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Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources

Students will identify and apply principles and 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.

Recommended Grade 11,12	CTE BUSINESS MANAGEMENT FOR AGRICULTURAL & ENVIRONMENTAL SYSTEMS (649)	All year	1.25 credit elective
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Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources and must be a junior or senior.

This course meets the Financial Literacy requirement for graduation.

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

Recommended Grade 12	CTE AGRONOMIC SYSTEMS (652) *Available 2024-25 and 2026-27	All year	1.25 credit elective
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Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources and Senior Level Status; This course is available to Juniors with permission of department.

This is a higher-level course. Students may not take this course in conjunction with any other Ag course except the capstone project. This course is offered dependent on enrollment numbers.

Students will apply knowledge and skills required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business, and management strategies appropriate for the industry.

Grades 12 or FFA officer	CTE LEADERSHIP (660)	All year	1.25 credit elective
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Prerequisite: Successful completion of CTE Agriculture, Food and Natural Resources. Students must have satisfactorily completed 3 years of agriculture education to be enrolled in this course or will be serving as an FFA officer for the upcoming school year. All FFA officers must enroll in this course.

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and use of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contracts, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development.

Capstone Course

Grade 12	CTE AGRICULTURAL & ENVIRONMENTAL SYSTEMS CAPSTONE (PLACEMENT) (663)	All year	1.25 credit elective
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Prerequisites include all of the following:

- *Successful completion of CTE Agriculture, Food and Natural Resources. Must be a 3rd or 4th year Ag student to participate.*
- *Enrollment in another Agricultural class during senior year.*
- *By the end of junior year, must have at least 15 credits toward graduation including 3 credits in English, 3 credits in Math, 2 credits in Social Studies and 2 credits in Science.*
- *Attained the required proficiency scores for graduation on end-of-course exams*
- *Passed Ag WebXams*
- *Have at least a 93% attendance rate in grades 9-11 and have no more than 10 absences throughout the senior year.*
- *Have a minimum of a 2.0 grade point average and maintain a 2.0 GPA throughout the senior year.*

***Teacher/administration has final approval*

The capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural and Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument of evaluation.

Students involved in the Capstone Job Placement program have the opportunity to be cooperatively placed to fulfill the S.A.E. requirement. Students will be required to attend school for a portion of the day and may have the opportunity to leave early for work. Students must maintain Ag. Dept. attendance and grade requirements to work. Then if a student is on Cooperative Placement, he/she must fulfill a work time requirement of 540 hours to gain S.A.E. and placement credit. Students must also maintain a "C" average and are allowed only 10 (ten) absences, no ½ day absences.

Special Note: Due to difficulty meeting the required number of hours of work experience (15 hours per week, 540 hours total), students that participate in Fall and/or Winter sports are not eligible to enroll in this course unless a work plan has been approved by the department.

Business and Technology Department Course Descriptions

The Business and Technology Department offers career-technical courses in the Information & Support Services pathway and a Business & Administrative Services pathway. All courses in the Business and Technology Department qualify as elective credits for students to meet graduation requirements.

- [Financial Management \(646\) - Grades 10, 11, 12](#)
- [Information Technology \(180\) - Grades 9,10,11,12](#)
- [Keyboarding \(191\) Grades 10,11,12](#)
- [Intro to Computer Science & Programming \(183\) - Grades 9,10,11,12](#)

Grades 10,11,12	FINANCIAL MANAGEMENT (646)	semester	0.5 credit elective
<i>This course meets the Financial Literacy requirement for graduation.</i>			
Financial Literacy includes the ability to read, analyze, manage and communicate about personal financial conditions that affect one's material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond completely to life events that affect every day financial decisions, including events in the general economy.			

Grades 9, 10, 11, 12	INFORMATION TECHNOLOGY (180)	All year	1.0 credit elective
This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.			

Grades 10, 11, 12	KEYBOARDING (191)	semester	0.5 credit elective
In this course, students will master the computer keyboard by touch for personal use or in preparation for work in a business setting. Students will learn proper keyboarding techniques while keying alphabetic, numeric, and 10-key numeric keypad characters. Students will complete activities online, where drills will facilitate learning the keyboard with speed and accuracy. Certification for G-Suites is offered in this course.			

Grades 10, 11, 12	INTRODUCTION TO COMPUTER SCIENCE AND PROGRAMMING (183)	All year	1.0 credit elective
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Prerequisite: "C" in Math or teacher recommendation

This course is made possible through the Amazon Future Engineer program- a program designed to provide computer science and programming courses to rural schools and is funded in collaboration with Edhesive. Instruction will be provided through the electronic platform with support of a teacher. This course is designed to offer an introduction to computer science and programming. Students will learn the basics of computer programming along with the basics of computer science, including coding in Python. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP courses.

Family and Consumer Science Department Course Descriptions

Family & Consumer Science courses prepare students to become leaders in their family, career and community. These courses cover topics ranging from developing healthy relationships and child development,

to nutrition and wellness, to financial independence and career exploration. These career-technical courses can be used to fulfill the elective requirements for graduation.

- [CTE Intro to Family Consumer Sciences \(120\) - Grades 9,10,11,12](#)
- [CTE Culinary Fundamentals \(122\) - Grades 10,11,12](#)
- [CTE Principles of Food \(121\) - Grades 10,11,12](#)
- [CTE Food Science \(123\) - Grades 10,11,12](#)
- [CTE Transitions & Careers \(638\) - Grades 10,11,12](#)
- [CTE Global Foods \(640\) - Grades 10,11,12](#)

Grades, 9,10,11,12	CTE INTRODUCTION TO FAMILY AND CONSUMER SCIENCES (120)	All year	1.0 credit elective
<p>This first course will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills. Students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection, and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.</p>			

Grades, 10,11,12	CTE CULINARY FUNDAMENTALS (122)	All year	1.0 credit elective
<p>In this course, students will apply fundamental culinary techniques, such as knife handling skills and recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques.</p>			

Course offered in 2024-2025 dependent on enrollment numbers

Grades, 10,11,12	CTE PRINCIPLES OF FOOD (121)	semester	0.5 credit elective
<p>In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.</p>			

Grades, 10,11,12	CTE FOOD SCIENCE (123)	semester	0.5 credit elective
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Prerequisite: Successful completion of CTE Principles of Food (121)

In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situations. Food safety and sanitation techniques will align to industry-recognized certifications.

**Grades,
10,11,12**

CTE TRANSITIONS AND CAREERS (638)

semester

**0.5 credit
elective**

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

**Grades,
10,11,12**

CTE GLOBAL FOODS (640)
***Available 2024-25**

semester

**0.5 credit
elective**

Prerequisite: Successful completion of CTE Principles of Food (121)

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Grades, 9,10	CTE CAREER FOUNDATIONS (124)	All year	1.0 credit elective
<p>This high school course shows students how classroom learning translates into marketable skills. The students will create a preliminary career plan using online tools to develop an understanding of 21st century skills. Students will continue to identify career interests and skills to develop an understanding of how personal characteristics can impact career choice. A brief overview of all Ohio identified career fields will be explored and directly related to programs available at Tolles Career & Technical Center and Satellite campuses. Students will learn about high wage in demand jobs that are available in our region, state and country.</p>			
<p>Ohio high school students will have the opportunity to earn recognition by showing they are prepared to contribute to the workplace and their communities. The OhioMeansJobs-Readiness Seal is a formal designation students can earn on their high school diplomas and transcripts indicating they have the personal strengths, strong work ethic and professional experience that businesses need.</p>			
<p>Students will demonstrate certain professional skills required for success in the workplace. Students will work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.</p>			
<p>Students will also have the opportunity to earn industry credentials in Leadership Excellence. The Leadership Excellence credential includes classroom instruction, community service project, written report and a final exam. Upon successful completion of the Leadership Excellence curriculum, students will receive a minimum of 3 points toward graduation. Even more importantly, they will gain valuable life and professional skills. By honing key skills, students are better positioned to forge their careers upon graduation.</p>			

Early Work Release

Grades 12 by application only	EARLY WORK RELEASE (904)	All year	1.0 credit
<p>Prerequisite: Senior status. Students must complete an application and be approved prior to registering for this elective credit course. Click here for required form.</p>			
<p>In our continuing commitment to assist our students in transitioning from high school to post-high school careers, this course will provide seniors the opportunity to work outside of school and learn job skills that will assist them in their future careers, (time management, reliability, punctuality, money management, attendance, responsibility and commitment).</p>			
<p>Students will be required to submit copies of pay records denoting the dates and number of hours worked. Students must work a minimum of 10 hours per calendar week (Sunday - Saturday).</p>			

KEEP TRACK OF YOUR CREDITS

Record your courses and credits each year to determine if you are on track for graduation.

Record the number of credits earned under each category

School year	Course	English	Math	Science	Social Studies	PE & Health	Financial Literacy	Other Electives
Total Credits:								
Requirements for Graduation: A minimum of 22.0 credits For additional requirements for the Honors diploma, see pages 4-8 of the course description guide.		4 English	4 Math including Alg 2 (or equivalent)	3 Science including 1 life science, 1 physical science and 1 advanced science	3 Social Studies including US History, World History, US Government	0.5 Health 0.5 PE unless using PE exemption	0.5 or completed CTE pathway (only for graduation year 2025)	Minimum 5.5 5.0 electives must come from courses other than PE or Health

MADISON-PLAINS HIGH SCHOOL
Physical Education Exemption



To earn an exemption:

- You must satisfactorily participate in interscholastic athletics, cheerleading or Marching Band for three **full** seasons. Please understand there is no guarantee you will make the team or be able to participate.
- You must notify the coach of your participation in the PE exemption.

Please remember:

- If you cannot complete the three years by the end of your junior year, you must take Co-Ed Physical Education 1 and 2 during your senior year.
- No credit or grade is earned for this option
- You will not be eligible for any advanced PE courses until the PE requirement has been completed.

By signing below, you are indicating your decision to participate in the PE exemption. Signatures also verify understanding and agreement of the PE exemption criteria.

Student Name _____

Student Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

Please check the activity and/or sport(s) you will use to fulfill the PE Exemption Requirement:

____ Marching Band

____ Cheerleading

____ Sport(s), please specify: _____

**Please return this form to the high school guidance office along with your scheduling form for the 2024-2025 school year.

Athletic Office Use Only

Approved _____ Denied _____ Authorized by _____



Appendix D

Madison-Plains Graduation Seals

In the graduating classes of 2023 and beyond, students must earn two diploma seals to demonstrate academic, technical and professional readiness for careers, college, the military, or self-sustaining professions. **One seal must be state defined.** Madison-Plains will accept completed graduation seals from Ohio schools when a student transfers into the district. [Click here for more information.](#)

State-defined Graduation Seals	Requirements
Ohio Means Jobs Readiness Seal	Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.
State Seal of Biliteracy	Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.
Industry Recognized Credential Seal	Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions.
College-Ready Seal	Earn remediation-free scores on the ACT or SAT. Current remediation-free scores can be found here .
Military Enlistment Seal	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces.
Citizenship Seal	A student can complete any of the following: <ol style="list-style-type: none"> 1. Earn a score of proficient or higher on both the American history and American government end-of-course exams; 2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or 3. Earn a final course grade that is equivalent to a “B” or higher in appropriate classes taken through the College Credit Plus program. 4. Earn a B in both American History and American Government 5. Earn a combination of either passing the end-of-course exam or earning a B in American History and American Government
Science Seal	A student can complete any of the following: <ol style="list-style-type: none"> 1. Earn a score of proficient or higher on the biology end-of-course exam; 2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or 3. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program. 4. Earn a B in an advanced science course
Technology Seal	A student can complete any of the following: <ol style="list-style-type: none"> 1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam; 2. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program

Honors Diploma Seal	Earn one of five Honors Diplomas: Academic Honors Diploma; Career-Tech Honors Diploma; STEM Honors Diploma; Arts Honors Diploma; or Social Science and Civic Engagement Honors Diploma
Local Graduation Seals	Requirements
Community Service Seal	While in high school and in addition to the community service graduation requirement, the student will: <ul style="list-style-type: none"> • Complete 30 or more hours in a sustained community service experience or project outside of school hours. This experience is to be approved by the principal, documented by the student, and verified by a supervising adult who is not related to the student.
Fine and Performing Arts Seal	While in high school, the student will demonstrate skill in the fine or performing arts by: <ul style="list-style-type: none"> • Earning 3 or more fine arts credits and achieving at least one of the following: <ul style="list-style-type: none"> o Earn a cumulative GPA of 3.0 or higher in all fine arts courses; or o Participate in 3 or more adjudicated performances, art shows, contests, or Drama Club productions
Student Engagement Seal	While in high school, the student will participate in extracurricular activities such as athletics, clubs, or student government to a meaningful extent by completing at least one of the following: <ul style="list-style-type: none"> • Actively participate as an athlete in at least 3 seasons of the same school sport; • Actively participate in 3 seasons of school athletics as a team manager, statistician, or videographer; • Actively participate in 3 seasons/years of a school club or organization; or • Actively participate in a combination of 4 seasons/years of the above activities. <p>The length of a team or club's season/year is determined by the coach or advisor. "Active participation" is defined and verified by the coach or advisor.</p>