

MASON SENIOR HIGH SCHOOL

Curriculum Guide and Course Offerings

2024-2025



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GENERAL INFORMATION

All classes signed up for are firm commitments for the year. This is especially true of yearlong classes. Students will not be permitted to drop a yearlong class at the semester break unless there are extenuating circumstances.

In general, schedule changes are not allowed. Exceptions may occur when:

- 1. The Student and parent desire to take a class at the next level within the same subject area.**
- 2. The schedule of classes contains a scheduling conflict or a student has taken additional work in summer school**

GENERAL OVERVIEW

This guide contains brief descriptions of courses offered at Mason Senior High School. All courses are aligned to the Michigan State Standards, High School Content Expectations, the Michigan Curriculum Framework, or course content expectations as appropriate.

GRADUATION REQUIREMENTS

At Mason Senior High School, a student will normally complete graduation requirements in four years. However, some students do not finish in four years and may need additional time or alternative placement, or both, to finish all requirements. In order to receive a diploma and graduate, a student will need to meet the school requirements for basic coursework, and Merit graduation requirements designated to them as a first time ninth-grader.

ENGLISH LANGUAGE ARTS – 4 Credits

- 1 credit English 9
- 1 credit English 10
- 1 credit English 11
- 1 credit English 12

MATHEMATICS – 4 Credits

- 1 credit Algebra I
- 1 credit Algebra II
- 1 credit Geometry
- 1 credit math or math-related course to be completed in senior year

SCIENCE – 3 Credits

- 1 credit Biology I
- 1 credit Chemistry
- 1 credit Physics

SOCIAL SCIENCES – 3 Credits

- .5 Civics
- .5 Economics
- 1 credit US History and Geography
- 1 credit World History and Geography

VISUAL, PERFORMING, AND APPLIED ARTS – 1 Credit

- Proficiency in State Content Standards for Visual, Performing, and Applied Arts

WORLD LANGUAGE – 2 Credits

- Formal coursework or an equivalent learning experience in Grades K-12 (2 credits); or
- Formal coursework or an equivalent learning experience in Grades K-12 (1 credit) or an additional visual, performing, and applied arts credit (1 credit).

HEALTH AND PHYSICAL EDUCATION

- .5 credit of Physical Education
- .5 credit of Health Education

✓ All high school students must also participate in an online course or learning experience (can be one of the above-listed, required credits; earned in grades 9-12 or through an equivalent learning experience K-12)

- ✓ Take all the state and district assessments as established by the MDE, and/or state law, and/or school district.

- ✓ This is the traditional course sequence suggested by the individual departments. In some instances, with administrator approval, students may choose an alternative sequence of courses to satisfy graduation requirements

MICHIGAN MERIT CURRICULUM NOTES

Math: The Michigan Merit Curriculum stipulates that all high school students must be enrolled in a math or math-related course in their senior year. Students will take Algebra I, Geometry, and Algebra II and a fourth year math or math-related course.

Visual/Performing Arts: The Michigan Merit Curriculum stipulates that all high school students must earn credit in a visual or performing arts class. Classes that count: Band; Choir; CTE courses; Art courses; and Yearbook.

COLLEGE BOUND SUGGESTIONS

Students should concentrate on career exploration during their freshman and sophomore years in high school. Early planning will enable them to concentrate on their college choice during the last two years in high school.

During their **junior** year students will continue their career exploration and concentrate on their college choice. Students will be able to attend the evening "College Night" presentation at MCCC and take the PSAT/NMSQT test during the fall.

Some college programs close early and should be applied for at the very beginning of the senior year. This applies particularly to the health field programs. Students should check the college catalogs and confer with their counselor so that they are aware of various college opportunities and early deadlines.

Students should apply to the colleges of their choice during the fall of their **senior** year. It is suggested that students apply to more than one college so that they may compare programs and financial aid at the various colleges. Most Michigan colleges send representatives to Mason Senior High School to talk to prospective students.

The Michigan Competitive Scholarship, State of Michigan Tuition Grant Program or Pell Grant Program (Federal); these forms will establish a "need factor" for each student - a figure which will be used by most scholarship agencies and colleges to determine how much financial aid is available to the student.

The majority of financial aid for students will come from the state government, federal government and the various colleges. Each student will have an equal opportunity to apply for this type of aid. The Mason Senior High School counselor will be able to guide students to the various funds available locally. We highly encourage students to ask questions to their counselor at any time during the college process.

DUAL ENROLLMENT/DIRECT COLLEGE

Fall and Winter - Grades 9 - 12

Prerequisite: Counselor/Principal Approval

Mason Senior High School Dual Enrollment Program allows school districts to partner with eligible post-secondary institutions and colleges to offer high school students the chance to earn college credit while completing their high school requirements.

A. ELIGIBILITY CRITERIA

Public Act 160 of 1996 and Public Act 258 of 2000 created the Postsecondary Enrollment Options Act, commonly referred to as dual enrollment. This law directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities. The following are some of the eligibility guidelines for various post-secondary partners:

1. Students enrolled at Mason Senior High School in grades 9 through 12 may enroll in a post-secondary program providing s/he meets the requirements established by law and by the District. Any interested student should contact the counseling department to obtain the necessary information.
2. Admission to the college is based upon criteria set for by the college or university.
3. Eligibility may be based on a scores from state assessments and/or University/College placement exams.
4. The dual enrollment class must be part of his/her regular schedule (i.e. 1 dual enrollment class and 4 high school classes).
5. Students who attempt college credit only will not be required to include the attempted college credit as part of the high school graduation requirement.
6. Students must be enrolled in both the eligible school and eligible postsecondary institution during the local school's regular academic year and must be enrolled in at least one high school course.
7. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
8. Students must understand the total cost of dual enrollment on the District's part may not exceed the prorated foundation dollar amount from the State of Michigan. The student/parent/guardian must pay the difference if the cost is more than the state's prorated foundation allowance for the pupil's attendance at Mason.

In addition, students must reimburse the District for all expenses in the case of **failing, dropping or withdrawing** from a course. If you apply and are accepted for direct/dual enrollment, but then do not want to participate, you must formally withdraw from the program by notifying both the college and Mason Senior High School. Anyone who withdraws from or fails a direct/dual enrollment course will be required to reimburse Mason Consolidated Schools. In other words, if you withdraw from the community college or fail the course and are not eligible for any reimbursement from the college, you are responsible to pay back to the district any fees the district incurred from your enrollment into the dual enrollment course. If the student withdraws from community college during the first two weeks of the course, he/she will be placed into a class at Mason Senior High School. If the student withdraws from the college two weeks or more after the beginning of the course, he/she will carry the current grade awarded from the community college.

9. **Students who wish to be take a direct college or dual enrolled class in the first term must have all paperwork completed by the end of May. Those students who dual enroll in the Fall should also dual enroll in the winter.** For additional curriculum/instruction information, see also: www.mde.gov and *Michigan Merit Curriculum Course/ Credit Content Expectations* www.mi.gov/highschool

STEPS FOR DIRECT COLLEGE/DUAL ENROLLMENT:

- Discuss the classes you are considering taking with your counselor and check with the college to make sure the class will transfer.
- You may need to go to the college and take an entrance exam (information on this can be picked up in the counseling office).
- Complete a Dual Enrollment Form (found in the counseling office) and have your counselor and principal sign it.
- Complete a signed parent letter for Public Act 160 and Public Act 258.
- Take the signed form to the high school counseling office.

Direct College Classes – Lourdes University classes held at Mason Senior High School:

Fall and Winter

- Sociology
- Politics of Media
- Composition I
- Introduction to Literature

Dual Enrollment- College classes (in-person and online)

NCAA ATHLETIC ELIGIBILITY

To be certified by the **NCAA Clearinghouse**, you must:

1. See the Athletic Director as early as possible in your high school career for NCAA eligibility and information.
2. *Graduate from high school.* You should apply for certification before graduation if you are sure you wish to participate in athletics as a freshman at the college to which you will be admitted. The Clearinghouse will issue a preliminary certification report when you have had all your materials submitted. After you graduate, the Clearinghouse will review your final transcript to make a final certification decision according to NCAA standards.
3. See the Athletic Director for core grade-point average/ACT/SAT test score index. See the website for any questions – www.ncaaclearinghouse.net.

CORE-COURSE REQUIREMENT FOR NCAA CERTIFICATION – DIVISION I

If you enrolled in a Division I college and want to participate in athletics or receive an athletics scholarship during your first year, you must;

- Complete 16 core courses in the following areas:
 - ✓ ENGLISH – 4 years
 - ✓ MATH (Algebra 1 or higher) – 3 years
 - ✓ NATURAL/PHYSICAL SCIENCE (One year of lab, if offered) – 2 years
 - ✓ ADDITIONAL ENGLISH, MATH OR NATURAL/PHYSICAL SCIENCE – 1 year
 - ✓ SOCIAL SCIENCE – 2 years
 - ✓ ADDITIONAL COURSES (Any area listed above, foreign language or comparative religion/philosophy) – 4 years
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale.
- Graduate from high school.

Course Descriptions

ENGLISH DEPARTMENT

The goal of the English Language Arts program at Mason Senior High School is to help students build a solid foundation of knowledge, skills, and strategies to use for listening, speaking, analyzing literature and all forms of text and for preparing and publishing written material. Students will gain these skills through the study of American and World literature, non-fiction reading, and process writing.

The English department follows the state mandates, the Common Core State Standards. The freshmen year focuses on both literature and composition. Through the lens of inter-relationships and self-reliance, the students will consider how they build relationships, how their relationships impact others, and their responsibility to society.

The English department may also offer various electives, primarily for juniors and seniors, based on demand and year.

Course Title

ENGLISH 9

1 CR (TWO SEMESTERS) - Grade 9

***Prerequisite:* None (This course is a graduation requirement)**

The goal for English 9 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. Students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed. Additionally, students will identify and improve upon the basic elements of English grammar and usage skills through guided writing assignments and daily exercises. The Freshmen level course emphasizes using appropriate diction and language and using Standard English, including spelling, punctuation, and grammar. Students will focus on the fundamentals of the writing process in a variety of ways and then apply those fundamentals to write arguments and supposed claims using valid reasoning and relevant evidence. Ninth grade students will learn the fundamentals of public speaking through various presentations and speeches

HONORS ENGLISH 9

1 CR (TWO SEMESTERS) - Grade 9

***Prerequisite:* Teacher recommendation and PSAT 8 score (This course is a graduation requirement)**

Honors English 9 offers the learner opportunity to practice critical thinking, the acquisition of effective, academic writing skills, and mastery of critical reading and literary analysis, identification of rhetorical strategies and the research and presentation of authentic learning products using 21st century technology. Students will produce clear and coherent writing appropriate to task, purpose, and audience using technology both independently and in collaboration with others. Students will write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content. Students will write arguments to support claims using valid reasoning and relevant evidence. Students will also learn how to apply various rhetorical devices to their own writing as they familiarize themselves with a variety of expository essay tasks. The opportunity to learn these skills will be through a variety of genres and through the analysis of works selected from authors of classical

and contemporary literature. This course is reading and writing intensive, preparing students for Honors English 10 and more advanced English courses.

ENGLISH 10

1 CR (TWO SEMESTERS) - Grade 10

***Prerequisite:* English 9 (This course is a graduation requirement)**

The goal for English Language Arts 10 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English Language Arts 10, students continue to add works of fiction, both classical and contemporary, to their reading list. Additionally, new narrative and informational texts will be read and analyzed. Progressing as readers, students will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they can impact society.

HONORS ENGLISH 10

1 CR (TWO SEMESTERS) - Grade 10

***Prerequisite:* Honors English 9 or English 9 with teacher recommendation (This course is a graduation requirement)**

In Honors English 10 students will experience reading and writing at a level that will prepare them for college level English and writing courses. Students will examine a variety of literature in differing formats: articles, short stories, poems, novels, and autobiographies. Students will be expected to complete the majority of reading on their own and be prepared to discuss topics and themes with their classmates during a Socratic Seminar. Students will also write essays and response pieces similar to what they will experience in college.

ENGLISH 11

1 CR (TWO SEMESTERS) - Grade 11

***Prerequisite:* English 10 (This course is a graduation requirement)**

The goal for English Language Arts 11 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks with a special focus on writing. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

ENGLISH 12

1 CR (TWO SEMESTERS) - Grade 12

***Prerequisite:* English 11 or English Comp I and II (This course is a graduation requirement)**

The goal for English Language Arts 12 is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English Language Arts 9-11. English Language Arts 12 students will develop world perspectives by analyzing classic and contemporary texts in a variety of genres. Twelfth graders will synthesize information, ideas, and themes to understand the past, the present, and to think innovatively about the future. They will think, discuss, and write about a variety of topics ensuring that all graduates will be able to communicate effectively.

MATH DEPARTMENT

The Mathematics Department offers a substantive, four-year sequence of courses for students with varied learning styles and academic interests. The Mathematics Department strongly believes that all students should have the opportunity to learn mathematical concepts and skills necessary to prepare them for any post secondary experience. It is our expectation that students will reach their highest level of mathematics by utilizing critical thinking skills, engaging in exploration and discovery activities, and solving complex problems. To accomplish this, teachers will implement various learning strategies and techniques, employ technology, and evaluate student progress using multiple forms of assessment.

Beginning with the 2024-2025 school year, most Freshman will begin with Algebra I. This course prepares students for the sequence of courses offered in their sophomore, junior and senior years. Algebra I provides a foundation for Algebra II, which is taken during the Sophomore year. In the junior year, students will take Geometry or potentially Pre-Calculus. Pre-Calculus is for students who are considering taking the Calculus course in the 12th grade and have successfully completed Geometry, Algebra I and Algebra II. Seniors also have several choices including: Financial Algebra, Pre-Calculus, or Calculus.

Course Title

GEOMETRY

1 CR (TWO SEMESTERS)

Prerequisite: None (This is a graduation requirement)

Geometry builds on geometric topics developed in the middle grades with an emphasis on relationships between angles, triangles, quadrilaterals, circles, and simple three-dimensional shapes. Expectations are to recognize, classify, and apply properties of simple geometric shapes, know and apply basic similarity and congruence theorems, understand simple constructions with a compass and straightedge, and find area and volume of basic shapes.

ALGEBRA I

1 CR (TWO SEMESTERS)

Prerequisite: None (This course is a graduation requirement)

Algebra I builds upon algebraic topics developed in the middle grades with an emphasis on linear patterns of change, familiarity with nonlinear patterns such as exponential and quadratic. It is expected that students entering Algebra I are able to recognize and solve mathematical and real-world problems involving linear relationships, move fluently among and make sense of graphic, numeric, symbolic, and verbal representations of these patterns, and be able to apply this knowledge to linear and other functions.

FOUNDATIONAL ALGEBRA I PART ONE AND TWO

2 CR (TWO YEARS)

(Prerequisite: Teacher recommendation, Middle School Math Grades and/or PSAT 8 and NWEA test scores)

This course covers all the same concepts as Algebra I, some more in-depth, but it does it over a period of two years. Additional Algebra II topics will be integrated into the curriculum.

ALGEBRA II

1 CR (TWO SEMESTERS)

Prerequisite: Algebra I (This course is a graduation requirement)

Algebra II builds upon concepts learned in Algebra I while adding new concepts in mathematics. Algebra II continues the study of exponential and logarithmic functions and expands on families of functions to include rational and trigonometric functions. Algebra II will extend the numeric and logarithmic ideas of accuracy, error, sequences, iteration, and will utilize conic sections to fuse algebra and geometry. Students will extend their knowledge of univariate and bivariate statistical applications.

FOUNDATIONAL ALGEBRA II

1 CR (TWO SEMESTERS)

Prerequisite: Completion of Algebra I Part One and Two

This course covers additional state-required algebra topics that were not covered in Foundational Algebra Part One and Two.

PRE-CALCULUS

1 CR (TWO SEMESTERS) – Grades 11-12

Prerequisite: Algebra II and Geometry

Pre-calculus focuses on the preparation for calculus. Students study topics, concepts, and procedures of pre-calculus, which deepens their understanding of algebra and extends their ability to apply algebraic concepts and procedures at higher conceptual levels, as a tool, and in the study of other subjects. The theory and applications of trigonometry and functions are developed in depth. Pre-Calculus introduces mathematical tools such as vectors, matrices, and polar coordinates, while modeling and solving real-world problems.

CALCULUS

1 CR (TWO SEMESTERS) – Grade 12

Prerequisite: Pre-Calculus and Teacher Approval

Calculus is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Through the use of the unifying themes of derivatives, integrals, limits, approximation, and applications and modeling, the course becomes a cohesive whole rather than a collection of unrelated topics.

FINANCIAL ALGEBRA

0.5 CR (ONE SEMESTERS) – Grade 12

Prerequisite: Algebra II and Geometry

Financial Algebra studies mathematical concepts utilized in routine everyday business and home life. Emphasis on interest rates, taxes, compound interest, various balancing of checking and accounting books, retirement preparation, and understanding the stock market to ensure students maintain their livelihood and succeed as adults and create smart business decisions.

SCIENCE DEPARTMENT

Course Title

BIOLOGY I

1 CR (TWO SEMESTERS) – Grade 9 (This course is a graduation requirement)

Biology I is a required course for all freshmen. The biology student will examine living organisms and their relationships with each other and their environment as observed in populations, communities and ecosystems. Traditional biology topics such as cells, reproduction / development, heredity and taxonomy will also be a significant part of the course of study. Students will participate in a variety of lab-based activities.

CHEMISTRY

1 CR (TWO SEMESTERS) – Grades 10-12

***Prerequisite:* Biology 1 (This course is a graduation requirement)**

Topics include atomic structure, formation of compounds, chemical reactions, and stoichiometry. By the end of the course, students will have the mathematical and scientific knowledge required to make a specified quantity of a chemical compound. This course is designed to prepare students for required college science courses. Success in this course may also allow students to opt out of a college's general chemistry requirement.

HONORS CHEMISTRY

1 CR (TWO SEMESTERS) - Grade 10-12

***Prerequisite:* Biology I and teacher recommendation**

Honors Chemistry will utilize a similar curriculum as the Chemistry course, but will move at a faster pace, cover more material, and will include more inquiry and engaging lab activities. The course teaches mathematical solutions to various chemical problems, and the use of data from experiments. This course is especially important for students planning on attending college in a scientific or health-related field of study.

A.P. CHEMISTRY

1 CR (TWO SEMESTERS) – Grade 11-12

***Prerequisites:* Successful completion of Honors Chemistry, College Board A.P. Potential**

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. The course material focuses on the following concepts: matter and measurement, atoms, molecules and ions, chemical reactions, stoichiometry, bonding, chemical equilibrium, acids and bases, oxidation-reduction reactions, thermochemistry, and organic chemistry. There will be a large emphasis on using mathematics in the analysis of experimental results and development of conceptual understanding and writing in-depth laboratory reports. Successful completion of the AP test at the end of the year may result in college credit. This course will be taught at the level and pace required by the College Board.

HUMAN ANATOMY

1 CR (TWO SEMESTERS) – Grades 11-12

***Prerequisite:* Biology I**

This course is offered based on demand.

Human Anatomy is an advanced level course within the science program. The course deals with the detailed study of the human body, its systems together with their structure and function.

PHYSICS

1 CR (TWO SEMESTERS) – Grades 11-12

***Prerequisite:* Biology, Chemistry (This course is a graduation requirement)**

This class focuses on conceptualizing the roles that physics plays in everyday life, with the intention to help students better understand the way science and physics affect our world. Students will develop the ability to identify and create graphical & mathematical representations of phenomena they observe. Topics of study include speed & acceleration, force & motion, conservation of momentum & energy, wave behavior with applications to sound & light, harmonic motion, thermodynamics, magnetism, and planetary motion & space studies

A.P. PHYSICS

1 CR (TWO SEMESTERS) – Grades 11-12

***Prerequisites:* Algebra 2, teacher recommendation, College Board A.P. Potential**

Physics has been designed as a course to prepare students for the future study of science and engineering. This course is an algebra-trigonometry based physics course. Physics will include both concepts and applications of formulas. Labs will be integral to the understanding of the concepts of this course. Information will be taught through lectures, media presentations, and lab exercises. Regular tests, homework, and lab reports will be the basis for grade evaluation. This course will be taught at the level and pace required by the College Board.

FORENSIC SCIENCE

1 CR (TWO SEMESTERS) – Grades 10-12

***Prerequisite:* Biology I**

This course is an inquiry-based science course with a focus in the application of real-life forensic science techniques. This multidisciplinary course with an emphasis on critical thinking and problem solving allows students to understand the ways that forensic analysts and crime scene investigators conduct their operations. Topics of study include identification, classification, collection, preservation, & analysis of evidence, fingerprinting, impression evidence, hair and fiber analysis, examination of DNA, blood evidence including blood typing & spatter, drugs & toxicology, criminal profiling, handwriting analysis, anthropology, and a review of forensic science career opportunities.

SOCIAL STUDIES DEPARTMENT

The Social Studies curriculum is designed to help all students gain knowledge and a basic understanding of man and more importantly – man the social animal, both past and present. Students will acquire the skills needed to form values and attitudes that can be translated into effective and responsible social behavior.

Course Title

CIVICS

0.5 CR (ONE SEMESTER) – Grade 11

(This course is a graduation requirement)

Civics covers the American government from the colonial period through our current government. The course discusses the basic principles of democracy embedded in the constitution as applied to everyday living in the United States. Additionally, Civics breaks down the three branches of government and explores the fundamentals of Federalism.

ECONOMICS

0.5 CR (ONE SEMESTER) – Grade 11

(This course is a graduation requirement)

Economics covers the fundamental principles of capitalism and how a mixed economy functions in the U.S. It will explore individual and world relationships, and examine how fiscal and monetary policy affects GDP, inflation, unemployment, and prices.

US HISTORY/GEOGRAPHY

1 CR (TWO SEMESTERS) – Grade 10

Prerequisite: World History (This course is a graduation requirement)

United States History will be an integrated approach to learning within the discipline of history in which students will incorporate geography, civics, economics, inquiry, and decision-making. Additional elements of the course will add the dimensions of current events and persuasive civic writing as they relate to the context of U.S. History. The course will focus on the purpose of history, America's Founding Ideals, an overview of U.S. History from the colonies to Reconstruction, and in-depth focus on: industrialization, immigration, Progressivism, the Spanish-American War, WWI, the Roaring Twenties, the Great Depression, the New Deal, WWII, the Cold War, the Fifties, the Civil Rights Movement, the Sixties, Vietnam, the Seventies, the Reagan Years, and the Present.

WORLD HISTORY/GEOGRAPHY

1 CR (TWO SEMESTERS) – Grades 9

Prerequisite: None (This course is a graduation requirement)

This course will continue the chronology of 7th grade World History. This course will begin with the foundations of Western Civilization in Greece and Rome and discuss their competition with Eastern Civilizations for land and influence. The course will examine the contrasting situations in Middle Age Europe and the Golden Ages of Eastern Empires. The course will cover the rise of globalism and its contribution to economic, political, and scientific growth as cultures are mixed across the world. The Course will explore how

these discoveries lead to periods of revolution in science, production, and in how men view themselves. The course will conclude with discussions of more contemporary and modern topics including the World Wars and the Cold War. Major Units of Study: Rise of Democracy, Roman Republic and Empire, Dark Age Europe, Rise of Islam and China, Age of Exploration, Cultures of the New World, India, Enlightenment and Revolutions, Imperialism, WWI & WWII, Cold War

POLITICS OF CULTURE

1 CR (TWO SEMESTERS) – Grades 10-12

Prerequisite: World History AND English 9 with a grade of “B” or better – OR – Permission of Instructor..

Politics of Culture is part Anthropology, Philosophy, Political Theory, and Public Address. Every quarter the students will create a class project as well as an individual project they design themselves. These personal projects cover the topics of Responsibility, Communication, and Critical Thinking. This course uses a comparative, cross-cultural approach to facilitate a study of how various peoples around the world have adapted to their environments and developed behaviors to meet their biological, economic, psychological, social, and political needs.

WORLD MYTHOLOGY

1 CR (TWO SEMESTERS) – Grades 10-12

Prerequisite: World History

World Mythology will cover the mythology and legends of numerous cultures from History. **This course will blend Language Arts skills and World History knowledge.** We will examine the mythology of the Classical Greek and Roman Eras to build a foundation for understanding other myths and modern references. Other European traditions will be discussed as well, such as the Celts or Vikings. As well as the mythology of Eastern Cultures of China, Japan, India, the Middle East, Africa, and the Americas. The course will encourage the comparison of similar ideas from different perspectives. Students will seek to find parallel characters and themes from various sources as well as identifying characteristics that are distinctive to each region. The course will examine the cultural values represented in the various myths and how those values impacted decisions or events from World History.

CURRENT EVENTS

1 CR (TWO SEMESTERS) – Grades 11-12

Prerequisite: World History, US History

This course is designed to help high school students develop a deeper understanding of the world around them through the lens of current events. The course explores a wide range of contemporary issues, including politics, economics, social issues, environmental challenges, international relations, and more. Through engaging discussions, critical analysis, and interactive activities, students will stay up-to-date with ongoing events from various regions and learn how to interpret and evaluate news sources critically. They will be encouraged to develop their research and communication skills to articulate their perspectives on complex global issues.

PHYSICAL AND HEALTH EDUCATION

Course Title

PHYSICAL EDUCATION 9

.5 CR (ONE SEMESTER) – Grade 9

Prerequisite: None (This course is a graduation requirement)

Physical Education will focus study on the five main areas of physical health: cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition. Students will study and engage in physical activity designed to increase student knowledge and encourage healthy lifestyles. Daily physical activity is to be expected. This class will involve beginning and advanced tests in aspects of physical education as required by the state.

HEALTH

.5 CR (ONE SEMESTER) – Grade 9

Prerequisite: None (This course is a graduation requirement)

Health consists of the study of various components of human health, including: the definition of health, nutrition, tobacco and alcohol, bullying, harassment and conflict resolution. Additionally, per state mandate, the class will spend time studying human sexuality, sexual transmitted infections, and AIDS education.

WEIGHT TRAINING & CONDITIONING

1 CR (TWO SEMESTERS) – Grades 10-12

Prerequisite: Physical Education 9

This class is a combination of intense weight training and physical conditioning based on the principles of Bigger, Faster, and Stronger (BFS). Class periods will include free weight training, machine weights, circuit training, aerobic, and anaerobic conditioning. All facets of physical training will be covered. Class work is designed to develop the physical potential of athletes. Each participant will go through a program that will help improve the physical condition of the individual. The class will consist of goal setting and a prescription of activities designed to increase strength, speed, flexibility, general conditioning, specific skills, and team success.

Students will be tested in bench, squat, dead lift, leg press, and one mile run throughout the semester. Student progress will be monitored, measured, and expected on a regular basis. Students will also participate in aerobic conditioning 1-2 days per week. Special attention will be given to motivation and the mental aspect of individual success. This class is designed for students who are serious about weight training and conditioning. ***Course may be repeated for credit per instructor's and building administrator's permission.***

TEAM SPORTS

1 CR (TWO SEMESTERS) – Grades 10-12

Prerequisite: Physical Education 9

The student will be an active participant in some of the listed activities: basketball, floor hockey, flag football, soccer, volleyball, softball, team handball, speedball, fowling, water polo, and ultimate football. Each section will be more intense than the general physical education class. The student will be tested on all rules, skills, and strategies.

UNIFIED SPORTS

1 CR (TWO SEMESTERS) – Grades 10-12

***Prerequisite:* Physical Education 9**

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. ***Course may be repeated for credit per instructor's and building administrator's permission.***

WORLD LANGUAGE DEPARTMENT

Study of a world language is strongly recommended for students who are planning on attending college or doing business in a global economy. Two credits in a world language or one credit in a world language and an additional visual, performing and applies arts credit will be required for graduation

Course Title

SPANISH I

1 CR (TWO SEMESTERS) – Grades 9-12

***Prerequisite:* None. (Applies towards either one or two credits in a World Language that is a graduation requirement)**

Spanish I is a course that reflects current research and is based on the belief that the purpose of learning Spanish is to communicate with the people who speak it and to understand their culture. We use the *Realidades* (Prentice Hall) textbook, which is based on the Standards for Foreign Language Learning or the “5 C’s”. These include: (1) Communication: To communicate in languages other than English, (2) Culture: To gain knowledge and understanding of other cultures, (3) Connections: To connect with other disciplines and acquire information, (4) Comparisons: To gain insight into the nature of language and culture and (5) Communities: To participate in multilingual communities at home and around the world. Students will practice with new vocabulary, speaking and listening, reading and grammar basic to a first year language class.

SPANISH II

1 CR (TWO SEMESTERS) – Grades 9-12

***Prerequisite:* Spanish I (Applies towards the two credits in a World Language that is a graduation requirement)**

Spanish II builds upon Spanish I. Its purpose is to develop greater proficiency in speaking and understanding Spanish. Students will continue to develop competencies delineated in the *Standards for Foreign Language Learning* or the “5 C’s”. They will demonstrate a deeper understanding of Spanish through listening, speaking, reading and writing.

CAREER TECHNICAL EDUCATION

Course Title

COSMETOLOGY

3 CR (TWO SEMESTERS) – Grades 11-12

***Prerequisite:* Interview and Counselor/Principal Approval, GPA of 2.5 or higher, must be on track to graduate with cohort class. Student and parent must attend the mandatory meeting held in March**

In this two-year program, students receive the training required to pass the State of Michigan Cosmetology License Exam. All services offered in a salon are taught including: hair shaping and styling, manicures, facials, and waxing. Students begin the first year as juniors.

COMPUTER INFORMATION SYSTEMS I

.5 CR (ONE SEMESTER) -Grades 9-12

***Prerequisite:* None**

This course is the first in a two part series offering that complies with the National Standards for Systems Administration/Administrator Career and Technical Education for the State of Michigan. Students will explore various hardware components used in computing including servers, access points, mobile devices, switches, gaming, copiers, etc. Additionally, students will learn to solder and practice computer repair. Software used to operate systems will also be highlighted including operating systems, scripting, coding, cloud computing, and security from hacking. Students will learn the fundamental roles of a system administrator including basic network design as well as systems development. Learners will also be applying their knowledge in a lab-based learning environment. Students completing this course section will be better prepared for certification exams such as CompTIA's A+.

COMPUTER INFORMATION SYSTEMS II

.5 CR (ONE SEMESTER) -Grades 9-12

***Prerequisite:* None**

This course is the second in a two part series offering that complies with the National Standard for Systems Administration/Administrator Career and Technical Education for the State of Michigan. Students will be applying their knowledge, learned in Computer Information Systems I, with project-based and teamwork exercises using lab-based learning. Students will explore the various roles within information technology and practice skills used to provide user support in a business environment. Learners will create technical documents, apply project management skills, and develop applied academics to the field of systems administration. Completing the two part course allows students to enter a second exploratory year where they will use their knowledge to further their learning in any specific technology track that best suits their interests and career desires.

CONSTRUCTION TRADES I

1 CR VPAA (TWO SEMESTERS) – Grades 10-12

Prerequisite: None

This project-based, Vocational class will give the student basic knowledge in Woodworking and Building Construction. We will cover Safety, Materials, Tools and Equipment, etc. related to construction. The student will develop skills and understanding by designing and building various projects. Construction Trades I is the prerequisite to all other departmental classes.

CONSTRUCTION TRADES II

1 HOUR, 1 CR (1 Elective credit or 1 Senior Math credit)

(TWO SEMESTERS) – Grades – 11-12

Preference will be given to seniors.

Prerequisite: Construction Trades I OR permission of instructor

Construction Trades II is a Vocational Class. This course will give the student content knowledge and learn the skills utilized in most aspects of construction. The course will be lecture, discussion, book work, computer work, field trips, and hands on. This course is NOT all shop work; you must have the knowledge to perform the task! Imbedded into Construction Trades is applied math and will focus on applications within the building trades. An emphasis in hands-on mathematical applications of concepts pertaining to the construction trades.

CONSTRUCTION TRADES Q

1 HOUR, 1 CR ELECTIVE (Two Semesters) – Grade 12

Prerequisite: Construction Trades I and Construction Trades II AND permission of instructor

Construction Trades Q is a Vocational class. This course is for students who wish to go beyond the scope of Construction I and II. The student will develop skills and knowledge utilized in most aspects of construction trades. We will be hands-on as much as possible.

INDUSTRIAL TECHNOLOGY

1 Hour, 1 CR VPAA (TWO SEMESTERS) – Grades – 11-12

Prerequisite: Construction Trades I

This project-based course will give students knowledge and skills in designing and building various projects. The students will study Drafting (board drafting & CAD), Computer Technology (Plasma cutter, CNC machines, & 3D Printing), Metalworking (sheet metal, foundry, forge, welding, etc.), Machining (mill, lathe, etc.) We will discuss many careers in Industrial Technology.

VISUAL, PERFORMING AND APPLIED ARTS DEPARTMENT

Course Title

CHOIR

1 CR VPAA (TWO SEMESTERS) – Grades 9-12

Prerequisite: None

The choir is a performing group open to all singers. We perform at fall, holiday, winter, and spring concerts and graduation as well as field trips such as an exchange concert, Toledo Zoo, and Cedar Point. A variety of musical skills, history, and theory will be covered. Choreography may be added. Other units such as guitars, ukuleles, and other instruments may be added as time allows.

Course may be repeated for credit.

BAND

1 CR VPAA (TWO SEMESTERS) – Grades 9-12

Prerequisite: None

The band is a performing group open to all students who want to learn instrumental music. We perform often throughout the year and participation in each event is part of the class expectation. We perform at four football games, four basketball games, three concerts (holiday, winter, and spring), and graduation. We also perform in several local parades and the Toledo Zoo.

Course may be repeated for credit.

ART I

1 CR VPAA (TWO SEMESTERS) – Grades 9-12

Prerequisite: None

Students are offered the opportunity to explore various visual art forms and techniques in an introductory level course through the elements and principles of art and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts.

ADVANCED ART CONCEPTS

1 CR VPAA (TWO SEMESTERS) – Grades 10-12

Prerequisite: Successful completion of Art I and this course may be taken more than once for credit..

Students will continue to explore various visual art forms, techniques and will continue to build and apply their skills, knowledge, and methodology to a variety of media. This class will allow students the opportunities to create art and develop their own art style. This course will explore career and college options along with scholarships exploration.

YEARBOOK

1 VPA CR (TWO SEMESTERS) - Grade 10-12

Prerequisite:

(English teacher recommendation required)

Yearbook is for the serious, dedicated student who possesses strong English skills and is interested in writing, photography, graphic arts, business, and marketing. The yearbook student must be willing to spend many hours beyond class time in order to meet deadlines and must have excellent attendance in order to be successful. Yearbook journalism relies heavily on graphic arts, typography, and photography. Students write and edit feature copy, headlines, and captions; design layouts; recognize quality photographs; and conduct interviews. Because the yearbook program is funded entirely by book sales, ad sales, and fundraisers, students are required to participate in these activities.

SPECIALIZED AREA OF STUDY

EAGLE ADVISORY

0.5 CR (TWO SEMESTERS) – Graded 9, 10, 11, 12

Required for all students

The Eagle Advisory time is a multifaceted program, the purpose of which is to promote meaningful relationships between staff and students while also providing academic support to students through the MTSS process. Eagle Advisory Time (E.A.T.) will consist of daily meetings, weekly themes, and monthly service projects, through which students will experience a more personalized learning environment with a structure and set of practices for monitoring and encouraging academic progress and career/college readiness. Each student, along with his/her advisor teacher, will develop a Personalized Learning Plan (P.L.P.) to map out his/her educational and postsecondary career path and well as setting academic and personal goals.

FOCUS

1 CR (TWO SEMESTERS) – Grades 9, 10

Focus is an MTSS Tier 2 intervention that will support identified students to ensure that they have a successful transition to high school. The desired outcome and purpose of the class is to reduce failures, improve attendance, reduce behavior referrals, improve graduation rates, as well as decrease drop out and transfer rates. Students in the Focus will receive extra instruction, more time on task, and benefit from smaller group instruction. Students who complete the course will have earned one elective credit towards graduation.

SENIOR SEMINAR

1 CR (ONE SEMESTER) – Grade 12

Prerequisite: None (This course is a graduation requirement)

Senior Seminar is a semester course that includes activities that are completed on and off school campus, to help prepare students for a career or college pathway after high school. Much of the work will be teacher guided – student driven. Students will utilize career search sites and online career exploration course activities. Students will get help completing financial aid applications, scholarships, job applications, and college/career applications. Students will learn about budgets and basic financial planning. Much of this work will be done outside of class. Students will receive a letter grade for this course. This semester course rotates with a semester senior math class.

ONLINE/BLENDED LEARNING PROGRAM

MAVA

Credit may be granted to the student upon complete evaluation of the program.

The credit shall be placed on the student's transcript. The amount of credit counting toward graduation shall comply with the District graduation requirements.

MAVA AP CLASS OFFERINGS

All AP courses except Computer Science Principles, English Literature and Composition, French, and Spanish require textbooks. Textbooks are not included and can be ordered from online booksellers.

- Calculus AB
- Computer Science Principles
- English Literature & Composition
- French Language & Culture
- Human Geography
- Psychology
- Spanish Language & Culture
- Statistics
- U.S. Government & Politics (1 semester)
- U.S. History
- Modern World History

Personal Curriculum

The Board of Education recognizes the need to provide alternative means by which students achieve the goals of the District.

A flexible plan to meet the recognized educational needs of a student shall be approved by the Superintendent. The Superintendent shall review a plan of educational options for use in meeting special needs.

Monroe County ISD Personal Curriculum Process

1. Parent/guardian, emancipated students or School personnel submits Personal Curriculum (PC) request to PC Designee for determination of eligibility prior to the start of the semester/trimester it could take effect.
2. If Designee determines that this process is appropriate a PC team is established.
3. If a student has a current EDP the required PC team is: parent, student, counselor Optional members are: CTE staff, Content teachers. Students with current IEP and EDP also are required to have a special education teacher or a School psychologist could serve as an optional member.
4. At this time the PC plan is developed and revised by the PC team. For special education students this could include modifications/substitutions and or content modifications.
5. Parent and Superintendent (or designee) must sign and agree to the plan and the plan takes effect.
6. After agreement, the parent is required to communicate at intervals specified in the PC plan to review progress and PC goals.

The Superintendent shall ensure that the flexible option is properly analyzed, planned, and implemented and complies with all applicable requirements of the State.