



# Madison High School

## 2023-24

### Course Description Guide

*Developing individual excellence through rigor, innovation,  
and personal attention*

**Madison School District**

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Adrian, MI 49221

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# Counseling Information

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## ***About the Michigan Merit Curriculum***

To prepare Michigan's students with the knowledge and skills needed for the jobs in the 21st Century, the State of Michigan has enacted a rigorous set of statewide graduation requirements that will prepare students for future success in college and the workplace.

For MMC courses taught over 3 trimesters, a student must pass all 3 trimesters, or the overall percentage for all 3 trimesters must average to a 60%, to obtain full credit.

## ***Educational Opportunities***

Student schedule will vary depending on individual needs.

Please contact the Guidance Counselor for questions regarding schedule planning.

The State of Michigan under Section 21f of the State School Aid Act has launched the choice for parents to request that their student(s), in grades 5-12, be enrolled in no more than two (2) online courses in place of a currently scheduled course. Schedule requests may be made in the High School Counseling Office.

For students who wish to receive G.I. Bill benefits during the school's course of study for graduation, learning must not include online distance learning modalities; rather, online educational activities must be classroom-based with direct teacher face-to-face instructional activities. For the 2021-22 school year, the board of education will allow instruction of all courses listed in the course catalog as traditional/seated courses to be adapted for delivery in a virtual/digital format.

# Madison School District

## **Board of Education**

Julie Ramos, President  
Ruben Villegas, Vice President  
Mark Swinehart, Secretary  
Natasha Manchester, Treasurer  
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Tina Claiborne, Trustee  
Rikki Howland, Trustee

## **Administration**

Nick Steinmetz, Superintendent  
Kristin Thomas, H.S. Principal  
Nick Whiteley, H.S. Assistant Principal  
Jen Stelzer, H.S. Counselor

## **District Mission (Purpose) Statement**

Madison School, in cooperation with our community, will empower each student to develop his or her full potential to be successful in an ever-changing world.

## **District Vision (Direction) Statement**

Developing individual excellence through rigor, innovation and personal attention

## **District Belief Statement**

We believe:

- everyone can learn and has the right to learn in a safe, respectful, supportive, and stimulating environment;
- motivation, a positive attitude, and acceptance of responsibility are imperative to success in learning;
- students' learning attendance, and behavior improve when they are actively engaged in rigorous, relevant, and meaningful work;
- the foundation of education is partnership that cultivates communication between family, school, and community -  
*The Madison Family*

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# Graduation Requirements\*

## Mathematics - 4 credits

Algebra 1, Algebra 2, Geometry, and one Math credit in the final year of high school

## English Language Arts - 5 credits

English Language Arts 9, 10, 11, 12

## Science - 3 credits

Biology and Chemistry or Human Body Systems and one additional Science credit

## Social Studies - 3 credits

$\frac{1}{2}$  credit Civics

$\frac{1}{2}$  credit Economics

1 credit World History

1 credit U.S. History

## Physical Education and Health - 2 credits

$\frac{1}{2}$  credits Health

1  $\frac{1}{2}$  credits Physical Education

## Foreign Language - 2 credits

## Visual, Performing and Applied Arts - 1 credit\*\*

## Junior, Senior Seminar - $\frac{1}{2}$ credit

## Computers/Technology - 1 credit\*\*\*

## Electives - vary depending on year of graduation

## Online Learning Experience

*\*Online Learning Lab courses may be delivered through Michigan Virtual or Edgenuity.*

*Embedded throughout Michigan Merit Curriculum coursework*

Grade Classification	Class of 2023 (current juniors)	Class of 2024 (current sophomores)	Class of 2025 (current freshmen)	Class of 2026 (current 8th graders)
Sophomore			6 credits	6 credits
Junior		14 credits	14 credits	14 credits
Senior	20 credits	22 credits	22 credits	22 credits
Credits needed to graduate	29 credits*	31 credits*	31 credits*	31 credits*

*\*As established by the Michigan Merit Curriculum and Madison Board of Education.*

*\*\*Can be substituted for additional credit of English, Math, Science, Tech***01**  
*Center, or Foreign Language*

# English Language Arts

## English 9

### 3 trimesters

“There is no frigate like a book to take us lands away...” Emily Dickinson had it right, and in this required, introductory course, students will be reading, writing, and taking journeys of self-discovery. Texts include *A Lesson Before Dying*, *In the Time of the Butterflies*, *The 7 Habits of Highly Effective Teens*, *Romeo and Juliet*, *The Odyssey*, short stories and poetry. Students will write routinely and critically through reflective, persuasive, argumentative, narrative, and research papers.

## English 10

### 3 trimesters

In Harper Lee’s classic novel, *To Kill a Mockingbird*, Atticus wisely informs Scout that “You never really know a man until you stand in his shoes and walk around in them.” In this course, we will walk in the shoes of King Arthur, Queen Guinevere, Julius Caesar, Mark Antony, and the boys from *Lord of the Flies*. In this course, students will read the work of established authors and poets, discuss various elements of craft employed by those authors and poets, and use similar techniques to improve their own writing. Emphasis is placed upon developing organization and enhancing the claim-support-explanation format, especially in regards to writing persuasively. A research paper, over an approved topic of the student’s choice, will be developed following a thorough research process and will serve as the culminating assignment of this course.

## English 10 Advanced

### 3 trimesters

This class focuses on your future. With an eye to college, we will write critically and read rigorously. While texts covered include those in English 10, students in Advanced English 10 will be expected to read and write independently. The writing goal is to move towards a more sophisticated style, while the reading goal is to comprehend more challenging texts. Writing includes reflective, persuasive, argumentative, narrative, literary analysis, and research papers. Additional texts include: *A Separate Peace*, *The Once and Future King*, *Macbeth*, *A Thousand Splendid Suns*, *Anthem*, short stories, poetry, and nonfiction selections.

# English Language Arts

## English 11

### 3 trimesters

This course is designed to guide students through the study of American Literature and improve writing skills. Students begin their journey with the writers of Early American Literature, and they continue through the Modernism Movement. Texts include, but are not limited to: early American nonfiction, historical documents of the Revolutionary Period, poems and short stories of the Realist and Naturalist movements, as well as literature from the Modern Age, including Fitzgerald's *The Great Gatsby* and Miller's *The Crucible* and *Death of a Salesman*. While studying this variety of American texts, students are asked to read and write critically, examining how writing has progressed along with the development of our nation.

## English 12

### 3 trimesters

This course is designed to encourage higher-level thinking on critical issues that students will encounter as they leave high school and enter adulthood. There is a strong focus on examining text critically from different literary perspectives, analyzing material, conducting research, and writing to demonstrate proper use of MLA format. Citizenship and humanity are themes that are continually represented through the literature studied, which include: *Fahrenheit 451*, *Siddhartha*, *Their Eyes Were Watching God*, *Night*, *A Raisin in the Sun*, *Tuesdays with Morrie*, *The Pearl*, and a variety of poems, fables, short stories, and personal narratives.

# English Language Arts

## **AP English Language & Composition      3 trimesters**

This course is designed to strengthen the effectiveness of your writing through close reading and frequent practice at applying rhetorical strategies, analyzing information from source texts, and writing arguments. You will become a critical reader of predominately nonfiction works, including expository, argumentative, analytical, and personal texts from various authors and time periods. Through this study, you will begin to understand the interactions among a writer's purpose, audience, subject, and genre and how each of these contributes to effective writing.

## **AP English Literature      3 trimesters**

Discussion and discovery are the tools of this course. Beyond test preparation, the class encourages exploration of ideas through reading, writing, and discussion, infusing students with an appreciation of how literature reflects who we are as human beings. Consisting of a sweeping array of reading from Homer to Updike, and writing from short poems to a ten page research paper, AP English Literature prepares students for college and beyond.





# Mathematics

## **Algebra 1**

**3 trimesters**

Algebra I includes the study of algebraic terminology, variables, open expressions, axioms, equations, inequalities, writing an equation from a graph, the quadratic formula, solving polynomial equations, factoring, simplifying radical expressions, solving radical equations, and problem solving using multiple methods

## **Algebra 1C / Geometry A & B**

**3 trimesters**

A continuation of Algebra leading into Geometry. Geometry includes the study of basic terminology, spatial reasoning, inductive and deductive reasoning, parallel and perpendicular lines, properties of triangles, right triangles, trigonometric functions, properties of polygons, properties of parallelograms, congruent figures, similar figures and scale factor, circles, area, and volume.

## **Algebra 2**

**2 or 4 trimesters**

Algebra 2 includes the study of real and complex numbers, factoring, quadratic functions, polynomial functions, operations with polynomial functions, radical functions, exponential functions, rules of exponents, logarithmic functions, statistics, sequence and series, and trigonometric functions. Selecting to study Algebra 2 over four trimesters allows the class material to move at a slower pace.

## **AP Calculus**

**3 trimesters**

Students will be expected to gain a deeper understanding of the major themes within Calculus and how to apply them in problems. These major ideas include: limits, derivatives, definite and indefinite integrals. Students will be studying Calculus concepts using the rule of four (verbal, numerical, graphical, and analytical representations). In addition, they will be challenged to solve complex Calculus problems and be able to justify their mathematical reasoning with clear and concise written explanations.  
*Prerequisites: Pre-Calculus and Trigonometry.*

# Mathematics

## Geometry

**2 trimesters**

Geometry includes basic terminology and the study of spatial reasoning, inductive and deductive reasoning, parallel and perpendicular lines, properties of triangles, trigonometric functions, properties of polygons, parallelograms, and congruent figures, similar figures and scale factor, circles, area, volume, and probability, with emphasis on use of constructions to develop these concepts.

## Personal Finance

**1 trimester**

This course is designed to increase students' financial literacy with an emphasis on practical application of mathematical skills. Major topics include compound interest, credit, loans, and the repayment of loans. Major projects will involve students in learning how to "find" money in a monthly budget to save or invest, creating a personal savings/investment plan, and calculating different repayment options for a major purchase.

## Pre-Calculus

**3 trimesters**

Pre-Calculus includes the study of different functions and their graphs, linear and quadratic functions, polynomial and rational functions, exponential and logarithmic functions, vectors, matrices, and a preview of Calculus.

## Statistics and Probability

**2 trimesters**

This course will focus on measures of central tendencies (mean, median, mode, and range) as well as standard deviation. Students will work with distribution curves and z-scores. Students will learn permutations, combinations, and the fundamental counting principle. These concepts will be used to find the probability of simple events, overlapping events, disjointed events, and independent and dependent events.

## Trigonometry

**1 trimester**

Trigonometry includes the study of trigonometric functions, analytic trigonometry, application of trigonometric functions, and trigonometric identities.

## AP Statistics

Advanced Placement Statistics will introduce students to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and using statistical inference to analyze data and draw conclusions. Pre-requisite: Algebra 2

# Science

## **Biology**

### **3 trimesters**

This course will expose students to the life processes that make living things function. The first trimester focuses on the “big picture,” as students learn the characteristics of living things and how the diversity of life is classified. Then each kingdom of life is explored more in depth; finishing with ecology and evolution. After studying ecological interactions and how the selection pressures of the natural world shape the nature of living things, the “small picture” will be explored. In the second trimester, students will study life processes at the cellular and molecular level, including genetics. Course activities will include laboratory work.

## **AP Biology**

### **3 trimesters**

An in-depth study of the mechanisms of life, this course explores the molecular processes of the body. Students must have an appreciation and passion for the biological sciences and be disciplined in their study habits, as this will be taught as a college-level Biology course. *Prerequisites: Biology, Chemistry, and Algebra 2.*

## **Chemistry**

### **3 trimesters**

This college preparatory class introduces students to the concepts of Chemistry through the use of laboratory investigations, experiments, and problem solving. Topics covered in this course will include the structure of the atom, electron configuration, the periodic table, ions and ionic compounds, chemical reactions, stoichiometry, states of matter and gas laws, and acids and bases. *Students should have a functional background in Algebra.*

# Science

## **Conceptual Chemistry**

**3 trimesters**

This course is designed for those not planning on pursuing a career in sciences, technology or engineering. Students will learn how matter interacts on an atomic level to form new compounds and how matter behaves under different conditions. Many of the same topics covered in the college-prep Chemistry class are covered here, but with more emphasis on the concepts involved and less emphasis on the mathematics.

## **Physics**

**2 trimesters**

This college preparatory science class focuses on the understanding of physical relationships in our world and universe. This is accomplished through laboratory investigations and experiments, problem solving, and discussions. Topics will include motion in one and two dimensions, projectiles, forces, work, energy, circular motion, and collisions. Topics covering waves, electricity, and light may be covered, time permitting.

*Prerequisites: Algebra 2 with a strong background in mathematics.*

# Science

## **Principles of Biomedical Science (PLTW) 2 trimesters**

This course provides an introduction to the biomedical sciences through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems. The activities and projects introduce students to human physiology, basic Biology, medicine, and research processes and allow students to design experiments to solve problems. Key biological concepts, including maintenance of homeostasis in the body, metabolism, inheritance of traits, and defense against disease, are embedded in the curriculum. This course is designed to provide an overview of all the courses in the biomedical sciences program and lay the scientific foundation for subsequent courses.

## **Human Body Systems (PLTW) 3 trimesters**

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real-world cases, and often play the role of biomedical professionals to solve mysteries.

## **Medical Interventions -EKG (PLTW) 4 trimesters**

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose, and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. *Course will be offered as enrollment permits.*

# Social Studies

## Civics

### 1 trimester

This required course is intended to provide the student with the information necessary to understand our system of government. It includes an exploration into what our government provides our citizens as well as what is expected of citizens in our country. An additional goal is to create a sense of ownership as a member of this country and encourage students to become active participants in the process of government in order to improve the communities where we live.

## Economics

### 1 trimester

Economics is the study of choices and trade-offs to be made by individuals and societies when they try to use their limited resources (time, money, environment, etc.) to satisfy seemingly unlimited wants and needs. This course includes the investigation of economic systems, supply, demand, markets, GDP, inflation, unemployment, and the Federal Reserve System. Emphasis is placed on connecting these theoretical items to students' lives and current news topics.



# Social Studies

## **U.S. History**

**2 trimesters**

A required class for all sophomores, this course begins with a review of early American History through the Civil War and Reconstruction of the Union. The course continues with a chronological approach to studying the major events in American history up to the present. The information presented will help students to understand how these historical events affect and influence society today.

## **AP U.S. History**

**3 trimesters**

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students will assess historical materials, their relevance to a given interpretive problem, reliability, and importance, and weigh the evidence and interpretations presented in historical scholarship.

## **World History**

**2 trimesters**

This class includes Western and Eastern civilization studies as well as Geography. The goal of this course is to acquaint the student with the major ideas, individuals, and events which have shaped the world from ancient times to the rise of a global society.

## **AP World History**

**3 trimesters**

This course traces the development of world history from the earliest humans through modern times. Students will devote considerable time to the critical evaluation of primary and secondary sources, analysis of historiography, oral presentations, short essays, a major research paper, and the development of a document-based question (DBQ). Students are encouraged to join the instructor in the use of a variety of media and technology to further enhance learning.

# World Languages

## **Spanish 1**

**2 trimesters**

This course is an introduction to the language and culture of Spanish-speaking countries. All four skills involved in learning a second language (listening, speaking, reading, and writing) will be addressed each day in class. Participation in all of these areas is a requirement. The focus of this class is to allow students to use the language in meaningful and purposeful ways.

## **Spanish 2**

**2 trimesters**

This course is a continuation of the study of the language and culture of Spanish-speaking countries. Participation in all four skills involved in learning a new language is required. The focus of this class is to allow students to use the language in meaningful and purposeful ways.

## **Spanish 3**

**2 trimesters**

Spanish 3 will expand the students' knowledge of the Spanish language and continue to build on vocabulary and grammar structures learned in Spanish 1 and 2. The goal of Spanish 3 is to provide students with an opportunity acquire a more advanced level of communication in the Spanish language as well as gain a deeper understanding of Spanish-speaking cultures. Spanish 3 students will learn to communicate their own ideas using the present, preterit, imperfect and conditional tenses. Culture and language will be presented through novels, music, movies and authentic legends, stories, and current events. Spanish 3 extends beyond the two year world language requirement but is recommended for students wishing to attend a four year university.

Students wishing to take Spanish 3 should have earned a C or better in Spanish 2.



# Visual and Performing Arts

## **Art 1**

**1 trimester**

This introductory course focuses on the study of elements and principles of art and how they relate to each other in composition. Mixture of medias and themes, quality of work, and creative use of skill are emphasized.

## **Art 2**

**1 trimester**

Students will work primarily with metals, jewelry, and wood in a 3-D, hands-on way to study and have a greater understanding of the elements and principles of art.

## **Art 3**

**1 trimester**

This course focuses on the study of elements and principles of art and how they relate to materials with a concentration on art history and concluding with the wooden stool painting project.

## **Drawing**

**1 trimester**

Students will explore a variety of media with an emphasis on design while learning the basic skills of drawing, color theory, and painting will enrolled in this course. *Course is offered as enrollment permits.*

# Visual and Performing Arts

## **Band**

**1, 2, or 3 trimesters**

The Madison Band is an award-winning and performance-based organization. The band performs at all home football games and regularly participates in festivals, concerts, and other special events. Small groups are formed from within the band to perform at solo and ensemble events. Unlike a regular classroom, each individual's performance affects the whole group's performance. Self-discipline and high standards are vital to success in this class. All rehearsals and performances are mandatory for all members.

## **String Orchestra**

**3 trimesters**

The high school orchestra will learn and perform music at a higher level of musicality and technical difficulty. Students will continue to build upon their fundamental skills in tone quality, bow techniques, recognizing and performing different styles of music, increasing technical and rhythmic skills, and developing as individual and ensemble musicians. The orchestra will have numerous opportunities to perform in concerts, festivals, solo and ensemble, assemblies, and community events.

*Previous playing experience is required.*

## **Choir**

**3 trimesters**

The Madison Choir consists of approximately 50 mixed voices (SATB), and rehearses each day of the week. Students in choir should have a strong interest in singing and a sincere desire to personally develop their vocal talents. All singers will be exposed to basic music theory and work on sight-singing skills. Students must be serious about working hard on their technical singing skills and extending personal vocal range, and should be willing to sing alone for peers and to be evaluated for appropriate tone quality and musical interpretation. Students will have the opportunity to study and perform a wide variety of music, and to develop small performing ensembles. Attendance is required at all scheduled performances.

# Physical Education

## Physical Conditioning

**1, 2, or 3 trimesters**

Personal levels of strength training, flexibility, aerobic endurance, agility, plyometrics, sprint training, mental toughness activities, and sports nutrition will be covered in this course.

## Team Games

**1, 2, or 3 trimesters**

Examples of activities covered in this course are: basketball, flag football, floor hockey, field hockey, lacrosse, team handball, softball, track, and volleyball.

## Personal Wellness

**1, 2 or 3 trimesters**

Students will learn about physical fitness, health and nutrition as related to their individual needs and interest. Knowledge of lifetime wellness and fitness will be covered and emphasized. Activities include, but are not limited to: walking, jogging, yoga, toning exercises using fitness principles and technology. Fitness gram will be administered in pre and post-test form.



# Health Education

## Health

**1 trimester**

Topics covered in this class are: nutrition and physical activity, alcohol, tobacco and other drugs, safety, social and emotional health, personal health and wellness, STD protection, and sexuality education.

# Technology

## **Computer Applications**

**1 trimester**

Students will increase their Microsoft Office (Word, Power Point, Excel, and Publisher) skills through relevant, cross-curricular assignments. A major emphasis is placed on successful research strategies using technology and MLA formatting. An introduction to Photo Shop Elements and Windows Movie Maker is also included as time permits.

## **AP Computer Science Principles (AP CSP)      3 trimesters**

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. This entry-level course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems. Students will take the Advanced Placement Exam in the spring, which consists of a written test and a performance task.

## **Intro to Computer Science Principles (CSP)      1 trimester**

Intro to Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. This entry-level course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Intro to Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rich curriculum that aims to broaden participation in computer science. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems.

## **Yearbook**

**3 trimesters**

Students dedicated to producing a high-quality yearbook will enjoy all the challenges within this course. From planning the theme to documenting the historical events of the school year, students are responsible for all aspects of publishing The Trojan. Students will also be heavily involved in the business side of producing a yearbook, including ad and book sales.

# Technology

## Digital Media

### 1 trimester

Digital Media: Intro to Graphic Design is a foundation course that develops a student's ability to analyze design, using basic principles and theory applicable to all forms of art. The course is based on the application of the fundamental elements of art. The student is introduced to tools and techniques used in today's communication industry through Adobe Photoshop and Adobe Illustrator. The student will learn how to render digital pieces of two-dimensional art (2-D) with emphasis on the visual communication design process. Topics include basic terminology and graphic design principles, introduction to the fundamentals of design that lead to the discovery and comprehension of the visual language. Form, balance, structure, rhythm, and harmony are studied in black & white and in color. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications. This course lays the ground work for more advanced design courses.

# Seminars

## **Junior Seminar**

**1 trimester**

This course offers an opportunity for students to acquire skills to improve performance on the SAT and other college entrance exams. Students will be exposed to content-specific vocabulary across the three academic components (Reading, Writing, and Math) of the SAT. Instruction is based on the SAT College Readiness Standards and complemented by suggested learning experiences for students wishing to further develop their knowledge and skills.

## **Senior Seminar**

**1 trimester**

This class contains a variety of components that are designed to prepare students for independent living, career development, and life as an independent adult. In addition to thorough career research, students study personal finance, active citizenship, technology applications, and public speaking.

# Elective Courses

## **The Art of Argumentation/Debate (9th-12th)**

*Trimester 1 is for students wishing to compete in the LISD tournament schedule*

In this class you will develop and write case plans and rebuttal arguments on each year's national high school policy debate topic. High school policy debate is a very structured format for presenting and arguing for and against the national policy topic. In addition to in-class practice, you will be required to participate in the LISD countywide debate scrimmages and tournament. If you enjoy lively discussion of interesting topics, then this is the class for you. Because the national policy topic changes each year, you can take this class more than once.

## **Creative Writing/Poetry (10th-12th)      1 trimester**

Creative Writing provides the opportunity for students to develop their writing abilities through exercises in fiction and nonfiction, such as journals, short stories, and essays. Students will emphasize a balance between creativity and communication in addition to expanding writer's voice and style. Publication will be encouraged. *Course will be offered as enrollment permits.*

# Elective Courses

## **Psychology (11th or 12th)**

**2 trimesters**

Psychology is the study of the mental process or behavior of a group or individual. In this course, students will be exposed to basic psychological theories. Areas of study include: brain and body behavior, the process of learning, personality, abnormal psychology, and sociocultural influences. Many discussions and course activities will be conducted.

## **Pathways to Scholarships (12th)**

**1 trimester**

Pathways to Scholarships is a course that teaches students the scholarship process that guides them to organize the materials and portfolio needed to successfully apply for scholarships. Students enrolled in Pathways to Scholarship must have a serious interest in researching, completing, and applying for scholarships. Students will be given class time to develop and complete their scholarship essays and applications with guidance and feedback from the classroom teacher.

*This course is currently open to seniors only.*



# Elective Courses

## **Ukulele Class (9th-12th)**

**1 trimester**

This course is designed to help aspiring musicians learn a simple, but popular instrument, the ukulele. We are designing a course that features how to use and hold the ukulele correctly, reading music on the staff, pop chords symbols and tablature. Students would need to supply their own ukulele and method book (both together would cost about \$75). This class can be started fresh with no prior music experience.

## **History v Hollywood (10th-12th)**

**1 trimester**

This course was developed to provide the student an opportunity to explore and analyze various aspects of history through the use of the medium of movies. The students will improve their research skills by examining the topics covered in a variety of movies through analyzing the films as well as corresponding historical information and develop a written comparison of the accuracy and perspective portrayed through the movies with accepted historical accounts of the events. Additional focus will include further analysis of the implications of these events on future historical eras.

# Elective Courses

## **Military History (9th-12th)**

**1 trimester**

This course is a survey of military history and the interaction between society and military institutions, technology and techniques, from 1763 to the present. We will look at world military thought (strategy and tactics) from a number of sources including Sun Tzu, Julius Caesar, Carl von Clausewitz, Antoine-Henri Baron de Jomini, Napoleon and others as a precursor to American Military thought. The course will study the interrelationships of warfare, technology and society in American history. The course will focus on such questions as how changing "styles" of warfare, the composition of the military establishment (militias, citizen armies, paid professionals, mercenaries), and the transformations in military technology have impacted upon state and society. Conversely, it will also investigate how political and societal changes have influenced the nature of warfare in American history.

## **Current Events (9th-12th)**

**1 trimester**

This course will look at the events affecting our world right now. Special emphasis will be put on topics that the students deem are the most relevant at the time. This will be a discussion oriented class with mini debates built in.

# LISD TECH Center

The LISD TECH Center is a county-wide collaborative facility that provides career and technical education programs for Lenawee County Students. In their junior and senior years, students may take LISD TECH Center courses free of charge as a part of their regular high school schedule. Courses available at the LISD TECH Center\* include:

*Accounting*

*Agri-Tech*

*Automotive Collision Repair & Refinish*

*Automotive Services Technology*

*Biochemical Technology*

*Building Trades & Construction Careers*

*Certified Nurse Aide (C.N.A.) (seniors only)*

*Computer Information Services*

*Computer Programming*

*Culinary Arts*

*Dental Assisting*

*Digital Media (Formerly Video & Audio Production)*

*Education Careers*

*Emergency Medical Technician (E.M.T.)*

*Engineering, Design & CAD*

*Engineering, Robotics, & Mechatronics*

*Exercise Science & Sports Medicine*

*Graphic Design*

*Health Care Careers*

*Horticulture*

*Machining & Computer Aided Manufacturing (C.A.M.)*

*Marketing & Entrepreneurship*

*Natural Resources*

*Nursing Preparation (seniors only)*

*Residential Construction (seniors only)*

*Sports Medicine & Exercise Science*

*Welding Technology*

*Work Support Services*

*Custom Class Opportunities*

# Sample Schedules

## **Freshman Year**

*English 9*

*Biology*

*Algebra 1 or Algebra 1/Geometry*

*Freshmen Seminar / Health / Economics*

*Spanish 1 / Computers*

*Electives*

## **Sophomore Year**

*English 10 or Advanced English 10*

*Algebra 2/Trig or Algebra 2*

*Science Credit (Chemistry, Conceptual Chemistry or HBS)*

*US History or AP US History*

*Spanish 2 / Computers*

*Electives*

## **Junior Year**

*English 11 or AP English Language*

*Algebra 2 or Pre-Calculus / Junior Seminar*

*World History or AP World History*

*Science or Electives*

*LISD Tech Center or Electives*

*LISD Tech Center or Electives*

## **Senior Year**

*English 12 or AP English Literature*

*Geometry or AP Calculus or Statistics / Personal Finance*

*Senior Seminar / Civics*

*Science or Electives*

*LISD Tech Center or Electives*

*LISD Tech Center or Electives*