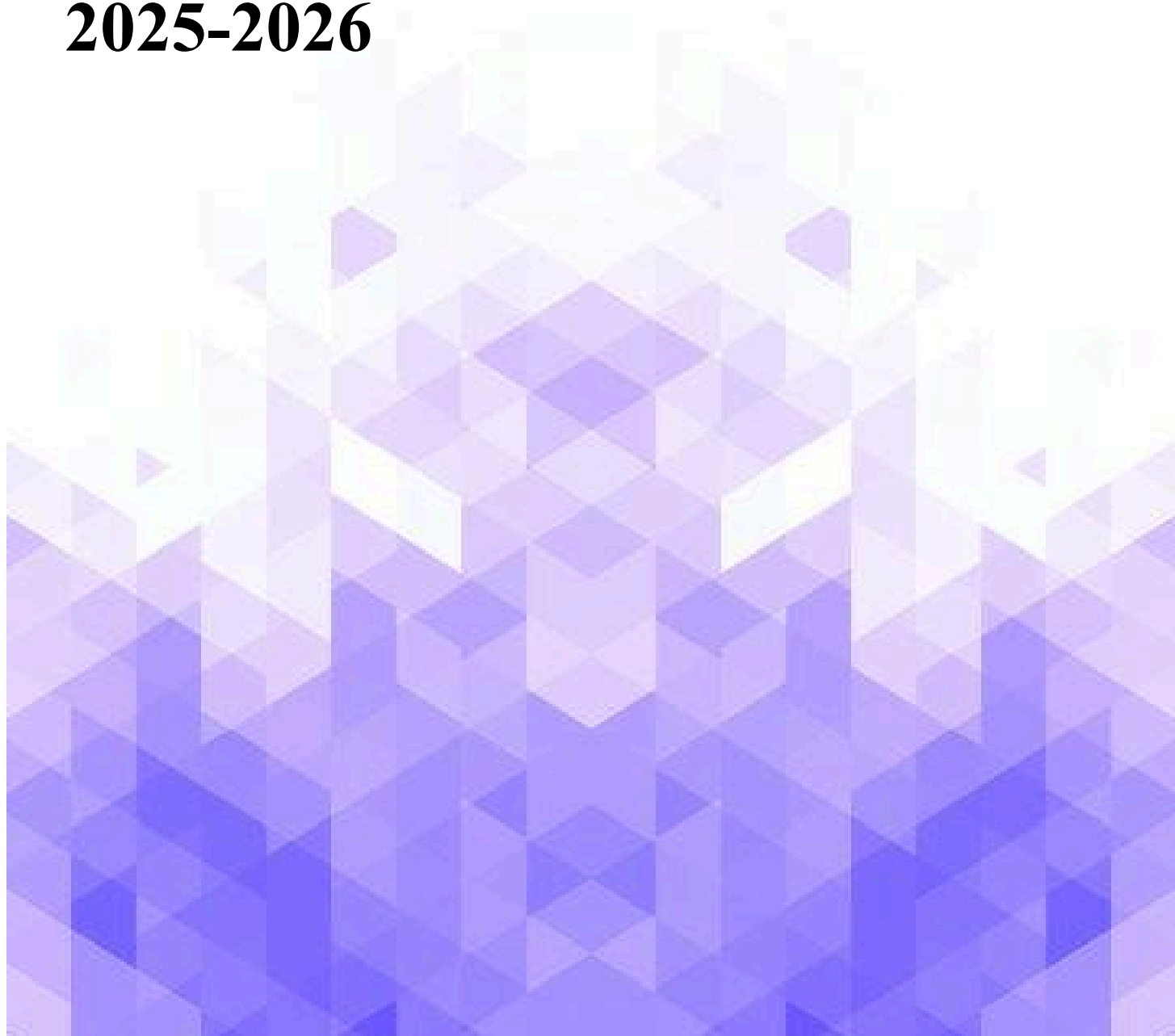


Mount Gilead High School

Course Planning Guide

2025-2026



Student Graduation Requirements

The following subjects require state testing at the end of the course as part of the Ohio graduation requirements: Algebra I, Biology, English 10, Geometry, Government, and American History. Students must take these exams to meet graduation requirements. Algebra I and English 10 are required exams for high school graduation. If a student does not pass the required exams, they will work with their school counselor to explore an alternative pathway to graduation.

Course Requirements:

English	4 credits
Math	4 credits
Science	3 credits
History	3 credits
Financial Literacy	.5 credit
Fine Arts	1 credit
Health	.5 credit
P.E.	.5 credit
Electives:	5.5 credits
Total:	22 credits

All students must be enrolled in 5 credits (including regular high school courses or college credit plus).

Study Halls:

Freshmen & Sophomores: permitted 1 study hall per semester.

Juniors: permitted up to 2 study halls per semester.

English Courses

ENGLISH 9

1 Credit

This required language arts course provides a broad survey of language arts skills practice. The class focuses on reading, formal/informal writing, and critical thinking skills. Students study a variety of literature: the short story, classical mythology, a Shakespearean play (Romeo and Juliet) and novels. Vocabulary, Grammar, and writing are based upon the reading material and assigned throughout the semester.

ENGLISH 9 HONORS

1 Credit

Honors English follows the same curriculum as the General level course. However, each unit will be explored at greater depth. The class focuses on reading, formal/informal writing, and critical thinking skills. Students will study a variety of literature, dealing heavily with the short story, classical mythology, a Shakespearean play (Romeo and Juliet) and novels. Vocabulary and writing are based upon the reading material and will be assigned throughout the semester, and students must complete a cross-curriculum research paper (history and language arts). Honors students will be required to complete a series of “independent reading assignments” throughout the course of the semester.

ENGLISH 10

1 Credit

This course provides a broad survey of language arts skills. The class focuses on reading fiction and non-fiction. Students will write for a variety of purposes: informational, persuasive, analysis, and research. Students will work to improve their grammar and vocabulary. At the end of English 10, students will take the ELA II EOC Test.

ENGLISH 10 HONORS

1 Credit

This course follows the same basic curriculum as general English 10; however, each unit will be explored at greater depth. This class will focus on critical thinking and analysis skills. At the end of English 10, students will take the ELA II EOC Test.

ENGLISH 11

1 Credit

College Preparatory English will demand a higher level of reading and writing competence than General English. This class focuses on a survey of American Literature from the oral Tradition of Native American peoples through our contemporary literature. Areas of focus include Revolutionary era literature, Puritan times, Transcendentalism, Civil War literature, Realism and Naturalism, Harlem Renaissance, Modernism, and Protest literature. There will be an emphasis on vocabulary acquisition, reading for analysis and discussion, and writing to express the reader's interpretation and/or research.

ENGLISH 12

1 Credit

This class is designed for the college-bound senior and the college-bound senior and the writing and reading required will reflect this emphasis. This class will cover a variety of British literature including, but not limited to, Beowulf, The Canterbury Tales, Macbeth, a variety of British poetry including Romantics and the World War One poets, and a novel important to the history of literature. Through this reading students will acquire vocabulary, techniques for reading, writing, studying, and research. Students will also practice writing and public speaking.

YEARBOOK Offered each semester

½ Credit

Students must be approved by the yearbook teacher to enter yearbook class. Students will be required to complete projects outside of the school day. The teacher may require an interview or a written expression of the student's qualifications for this class. Students should carry a GPA of 2.0 or higher, be willing to work alone and in groups, be creative, and care about our school. Yearbook requires using and learning a variety of skills, so the student should be flexible. This course is elective/local credit only.

WORLD MYTHOLOGY Offered one semester only

½ Credit

This course is designed to give students exposure to a variety of myths from various world cultures. The course requires students to read and research the history of mythology, its components, characters and features. This is a project-based course that allows students of all levels to explore mythology and classic storytelling. Research, creative writing, and screening film adaptations will be included in the coursework.

CCP English Courses
taught at MGHS for MTC credit

ENGLISH COMPOSITION I Semester 1

1 Credit

3 Cr. Hrs. Course

The course covers the fundamentals of rhetoric, research and writing academic essays. More specifically, this course introduces students to the requirements and conventions of academic writing, including clear expression, focused purpose, and audience awareness. It focuses on college-level critical thinking to be demonstrated by analysis, argument and skillful support of a thesis. The course also includes instruction on the stages of the writing process, from prewriting exercises through rough drafts and revisions.

ENGLISH COMPOSITION II Semester 2

1 Credit

3 Cr. Hrs. Course. Requirement(s): ENG1000

As a continuation of English Composition I, students will expand their knowledge through reading, thinking, and writing assignments. Through essay writing, students will demonstrate their ability to analyze and evaluate ideas and integrate those ideas into their own writing. Students will engage in writing both independently and collaboratively while participating in discussions and reading assigned literature. The course places emphasis on the research essay as a fundamental form of writing in which students will document sources while integrating research into their writing. Online specifications: assignments, including tests, are submitted through CANVAS> All assignments are the same as the traditional class.

Mathematics Courses

ALGEBRA I

1 Credit

Algebra I is designed to give students the requisite skills that provide a foundation for all future mathematics courses. Topics include linear equations, quadratic equations, and exponents. At the end of Algebra, students will take the Algebra I EOC Test.

HONORS ALGEBRA I

1 Credit

Prerequisite: Teacher Recommendation

Algebra 1 is designed to give students the requisite skills that provide a foundation for all future mathematics courses. Topics include linear, quadratic, and exponential functions along with polynomial and radical operations and an introduction to statistics. At the end of Algebra 1, students will take the Algebra 1 EOC test.

GEOMETRY

1 Credit

Logical thinking is one of the many goals and objectives of this course. Many facts are proven about various polygons and circles. Theorems and postulates become the law of the course, and an in-depth study of all types of geometric figures and their relationship dominate the topics of discussion. Work with coordinate geometry is also included. At the end of this course students will take the Geometry EOC test.

HONORS GEOMETRY

1 Credit

Prerequisite: Honors Algebra 1 credit or Teacher Recommendation

Logical thinking is one of the many goals and objectives of this course. Many facts are proven about various polygons and circles. Theorems and postulates become the law of the course, and an in-depth study of all types of geometric figures and their relationship dominate the topics of discussion. Work with coordinate geometry is also included. At the end of this course students will take the Geometry AIR test.

ALGEBRA II

1 Credit

Algebra II will include solving and graphing linear, quadratic, and higher order equations, factoring polynomials, logarithmic, radical, and rational functions, matrices, and an introduction to trigonometric concepts.

HONORS ALGEBRA II

1 Credit

Prerequisite: Honors Geometry credit or Teacher Recommendation

Honors Algebra II will include solving and graphing linear, quadratic, and higher order equations, factoring polynomials, logarithmic, radical, and rational functions, matrices, and an introduction to trigonometric concepts.

TRIGONOMETRY

1 Credit

Prerequisite: Algebra 2 credit

Trigonometry is a course designed primarily for college bound students who plan to continue their study of science and math. This course covers solving, graphing, and applications of trigonometric functions, along with vectors, sequences, limits, probability, and statistics.

DATA SCIENCE

1 Credit

Prerequisite: Algebra 1

Data science is a blend of quantitative reasoning, statistics and computer science to gain meaningful insights from data. The difference between data science and statistics is that where statistics focuses on explaining the data, data science focuses on using data to make predictions and decisions. Students will reason with and think critically about data in all forms. They will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society and more.

MATH APPLICATIONS

1 Credit

Prerequisite: Algebra II

This Math Applications course focuses on using math to solve real-world problems. Students will learn how math is used in everyday situations, such as managing finances, understanding statistics, and solving problems related to jobs and careers. Topics include budgeting, interest rates, data analysis, and measuring distances or areas. The course emphasizes practical skills that students can use in their daily lives and future careers.

CCP Math Courses
taught at MGHS for MTC credit

CCP STATISTICS

1 Credit

Prerequisite: Algebra II Credit

Statistics is an introduction to descriptive and inferential statistical methods including sampling, probability, point and interval estimation, hypothesis testing, and regression. Real data and appropriate technology will be used.

CCP COLLEGE ALGEBRA

1 Credit

Prerequisite: Algebra II Credit

College Algebra emphasizes the use of algebra and functions in problem solving and modeling. Appropriate use of technology and applying mathematics to real-world situations is emphasized. Topics include relations, functions, graphs, polynomial functions, rational functions, exponentials, logarithms, and systems of equations.

Science Courses

PHYSICAL SCIENCE (Required)

1 Credit

Physical Science studies the concepts of matter, energy and waves, forces and motion, and the universe. General math skills, specifically algebra, are necessary to ensure success. There are many avenues of study throughout the semester, including, but not limited to, class discussions, lectures, problem-based inquiry, and general laboratory experiences.

BIOLOGY

1 Credit

Prerequisite: Physical Science recommended

Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework to explore the living world, the physical environment and the interactions within and between them. Students engage in investigations that incorporate scientific reasoning, analysis, communication skills, and real-world applications. Students must pass a Biology EOC exam to receive points towards graduation. The Biology EOC test will consist of a two part: end-of-course exam (EOY) that will be given near the end of the course.

ANATOMY/PHYSIOLOGY

1 Credit

Prerequisite: Physical Science & Biology

Human Anatomy and Physiology is an integrated study of the relationship between structure and function of the human body. Various systems of the human body are investigated including body covering and framework, digestion and nutrition, circulation, respiration, nerves and senses and the reproductive system. Appropriate labs and dissection will be used to investigate these systems.

CHEMISTRY

1 Credit

Pre-requisites: Physical Science, Biology (Algebra II recommended)

Chemistry is a systematic study of the interactions of matter in the natural world. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction and application.

CHEM TECH

1 Credit

Chemistry Tech explores chemistry through the lens of everyday interactions of matter. Students will engage in activities, investigations, and reading to identify and explain real-world phenomena. Emphases of the course include chemical safety, chemistry in the home and workplace, and chemicals in our environment.

ENVIRONMENTAL SCIENCE

1 Credit

Prerequisite: Physical Science & Biology

Environmental Science is focused on the study of the environment and how humans interact with it. Students will learn by following two main content standards: Earth Systems and Earth Resources. Examples of Earth Systems are the biosphere and the biodiversity of the system. Examples of Earth Resources are water, water pollution, wildlife, wilderness, soil, and energy resources. Investigations, projects, and discovery are used to explore and understand natural systems in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

MEDICAL TERMINOLOGY

1/2 Credit

Prerequisite: Physical Science and Biology

A semester-long science elective designed for 11th or 12th-grade students interested in careers in healthcare or expanding their health-related knowledge. This course will introduce students to medical word structure, including prefixes, suffixes, roots, plurals, and abbreviations. This course will focus on definitions, pronunciation, spelling and clinical context in which students may encounter and engage medical terms in the future.

INTRO TO CHEMISTRY (PreCCP) Semester 1

½ Credit

This course is a preparatory course for the CCP Chemistry, including introduction of topics that include matter and measurement; structures of atoms, molecules and ions; inorganic chemical nomenclature; chemical reactions and stoichiometry, acid-base and oxidation-reduction reactions and solution stoichiometry; gases; thermochemistry; electronic structure; periodic properties of the elements, chemical bonding, molecular geometry and chemical bonding theories.

CCP Science Courses
taught at MGHS for MTC credit

GENERAL CHEMISTRY I (tentative for Semester 2)

1 Credit

This course is the first semester of a two-semester course in general chemistry appropriate for students interested in pursuing careers in science, medicine and engineering. Topics include matter and measurement; structures of atoms, molecules and ions; inorganic chemical nomenclature; chemical reactions and stoichiometry, acid-base and oxidation-reduction reactions and solution stoichiometry; gases; thermochemistry; electronic structure; periodic properties of the elements, chemical bonding, molecular geometry and chemical bonding theories. Laboratory exercises reinforce basic principles and emphasize.

Social Studies Courses

WORLD HISTORY 9 (Required)

1 Credit

This course is based on the chronological study of World History (1715-1914). From the Enlightenment and the Age of Revolutions, through New Imperialism. Some major topics to be covered: The Enlightenment, the French Revolution, the Industrial Revolution, the American Constitution. These topics and more will be explored in a student-centered classroom setting. Students will be expected to work cooperatively in small groups in order to gain knowledge and complete activities. Students will also be expected to participate in class discussions, historical role-playing, activities/simulations, and research based projects. There will be a large emphasis on literacy skills, and written assignments will be incorporated into nearly every lesson.

AMERICAN HISTORY 10 (Required)

1 Credit

This course is the 10th grade Social Studies requirement at Mount Gilead high School. We will concentrate on a comprehensive study of American history from the Reconstruction Era through the present. This course will prepare students to excel on the 10th grade American history portion of the Ohio State Air Test. Some of the topics of this course will include; the fundamental principles of the U.S. Constitution; the positive and negative impacts of the expansion of the U.S. in the 1800's; the displacement of Native Americans; the roots of the Civil War and the impact of slavery; the legacy of the Reconstruction Era and its impact on African Americans; the reforms of the Progressive Era and its impact on modern America; The U.S. becoming a world power; World War I and how it led to World War II; The Roaring 20's and the causes of the Great Depression; The Great Depression and the New Deal; World War II and the creation of the modern world; The rise and fall of the Cold War; The Civil Rights Movement and the social changes of the 1960's; the Vietnam War; and the post-cold war world and modern economic, social and political issues. The main goal is to help students become informed and knowledgeable American Citizens. I encourage students to learn to think for themselves, to evaluate information and the credibility of resources, and to become wise consumers of media. A high priority is given to the building of literacy skills. We strive to help students become better readers and writers. At the end of American History, students will take the American History EOC test.

GOVERNMENT

1 Credit

The subject matter focuses on how the United States Constitution has created a republican form of government in the United States. In survey form students study the operations of the various levels of American government. Using the Declaration of Independence as the foundation for constitutional principles, classes examine each Article of the U.S. Constitution. Students will research and/or role-play decision makers who face important problems in the executive, legislative, and judicial branches of government. A variety of current topics, issues, people, and problems concerning the American political system are also integrated into this study. At the end of Government, students will take the Government EOC test.

PSYCHOLOGY

½ Credit

This course is an introduction to the study of Psychology. In this course we will look at developmental psychology through the cycle of life. We will also be studying how we learn and think. Students will also have the opportunity to explore topics of interest to them through a research project. These topics and more will be explored in a student-centered classroom setting. Students will be expected to work cooperatively in small groups in order to gain knowledge and complete activities. Students will also be expected to participate in class discussions, and research based projects. There will be a large emphasis on literacy skills, and written assignments will be incorporated into nearly every lesson.

HISTORY OF WORLD WAR II

½ Credit

This course will be a one semester, detailed analysis of WWII. We will start by looking at the deep roots of WWII. Although the primary goal of the course will be to identify the causes and impacts of WWII, we will discuss and analyze many aspects of WWII.

20TH CENTURY HISTORY

½ Credit

This course studies the history of the United States during the 20th Century. We will use music to explore the social and political changes associated with the major events of the 20th Century.

THE 60'S AND THE VIETNAM WAR

½ Credit

One of the most controversial, divisive and misunderstood decades in American history is the 1960's. This was a very pivotal time in the history of the United States. In this class, we will take an in depth look at all the challenges and achievements of this decade. We will explore the challenges of the Civil Rights Movements in terms of racial justice, women's rights, and rights of those with disabilities. We will explore the tragic assassinations of both John and Robert Kennedy, Dr. Martin Luther King Jr., and Malcom X.....as well as the controversy caused by each event, and the mistrust of the government which was caused by their handling of the respective investigations. Obviously, one of the most divisive issues of this decade was the Vietnam War. Starting out as an advisory mission to uphold our stance in NATO, SEATO, and our commitment to stop the spread of Communism, it turned into a proxy war which drew criticism for the way it was fought and handled by our government. We will also study the change in culture through music, arts, and literature.

CCP History Courses **taught at MGHS for MTC Credit**

WESTERN CIVILIZATION I

1 Credit

3 Cr. Hrs. Course Requirement(s): None

This course is a survey of Western Civilization from the start of recorded history through the Eighteenth Century A.D. It deals mainly with the historical developments that took place in Europe and the colonial Americas, but it also touches on the Near East as the place of origin for the first civilizations. Although the main goal of this course is to study the political and social events it also will place strong emphasis on the development of the arts, architecture and humanities as a direct consequence of the different historical movements. It will cover such topics as the rise of the first human settlements, the creation of the first human complex cultures in the Near East, and their influence over Greek civilization. Greece's influence in philosophical thought and art, as well as its impact on future civilization. It will also deal with the coming of the Roman Republic, its institutions and their impact on modern life, and its eventual transformation into the Roman Empire and its influence in religious thought through the rise of Christianity. The contributions of the Medieval world will also be studied here. This includes the rise of Christianity and the church as an organized hierarchy. Finally, this survey will explore the Early Modern Period and the Renaissance.

WESTERN CIVILIZATION II

1 Credit

3 Cr. Hrs. Course Requirement(s): None

This is the second in a series of two courses on Western Civilization. It begins during the mid-eighteenth century A.D., on the eve of the French Revolution. This survey course will explore the most relevant events of the last 250 years, focusing on Europe and the Americas. This includes the Transatlantic Economy between Europe and the Americas during colonial times, as well as the Age of Enlightenment and its impact in philosophical and scientific thought. Although much of this course deals mainly with political and social events, special attention will be given to the development of the arts, architecture and humanistic thought, as these special topics reflect and portray important historical trends. This course will cover the causes and consequences of the French Revolution and the Napoleonic Era and the advent of Romanticism. The Industrial Revolution and its enduring impact in Western Culture. This course will cover the rise of Western Imperialism and the birth of modern European thought. This course will conclude with the Twentieth Century, and the two World Wars that denied it, as well as the Cold War era and the process of European decolonization.

AMERICAN GOVERNMENT

1 Credit

3 Cr. Hrs. Course Requirement(s): None

This course will explore the purpose and structure of the American national government, as well as the political institutions, collective behavior, and social beliefs that play a critical role in the democratic political process. It begins with the historical and philosophical foundations of the American government but will also discuss the responsibility of citizenship, the importance of civil rights and civil liberties, the role of mass media, and the impact of political parties and special interests. Students will learn about and discuss the U.S. Constitution, federalism, campaign finance reform, issues of social and political justice, individual political efficacy, political equality, and voting behavior. By the end of the course, students will have a detailed understanding of the different branches and functions of the U.S. national government, the historical underpinnings of its democratic system, and the competing groups and political influences that shape the democratic process.

Health and Physical Education Courses

HEALTH (Required)

½ Credit

Health education is designed to help students to understand and appreciate the unique human body; to understand the basic facts concerning disease; to teach the student how to protect his/her own health; to help the student understand themselves and human sexuality.

Community & Environmental Health
Growth & Development
Consumer & Personal Health
Mental Health
Disease & Disorder

Nutrition
Drugs, Alcohol & Tobacco
Safety - First Aid - CPR
Human Sexuality

PHYSICAL EDUCATION (Required)

¼ Credit

Fundamental skills and rules will be introduced for:

Archery
Golf
Badminton
Softball
Basketball
Soccer
Bowling
Track & Field

Physical Fitness
Volleyball
Flag Football
Wrestling (Optional)
Weight Lifting (Introduction)
Skating (Inline or Quads)
Floor Hockey

LIFETIME FITNESS & WELLNESS

¼ Credit

Prerequisite: Physical Education

The Lifetime Fitness Course will be open to students who have completed General Physical Education classes with a grade of B or higher. The course will provide individual improvement in muscular strength, coordination, and overall body fitness. In addition, it will offer individual improvement in motor skills. Students will be involved in weight training a minimum of 3 days per week. Regular physical fitness tests are a part of the student's grade.

OFFICIATING

¼ Credit

Prerequisite: Physical Education, minimum age 14

This course will focus on students learning the basic principles of officiating. The primary goal of the class is for the students to develop their personal philosophy of officiating. Additional skills the students in the class are expected to learn: obtaining/negotiating contracts, scheduling games, mechanics (both sport specific and general), conflict resolution, developing a personal officiating philosophy, and others.

Art Courses

ART 1 Semester Course

½ Credit

This course is designed to give students a background in creative arts. Students will set up a foundation to build upon by exploring drawing, perspective, color theory, painting, calligraphy, ceramics and graffiti.

ADVANCED ART II, III, IV Semester Course

½ Credit

In this course, students will take the fundamentals they have learned in Art 1 and build upon them by learning how to break art down into its elements. Students will be working with new concepts while working in a variety of mediums such as watercolors, ink, charcoal, acrylic and clay.

ART SURVEY Semester Course

½ Credit

This course covers the major time periods and cultures from cave art up to the 1400s. Each time period or culture had a distinct style of art. After learning about a time period, students will create an art project resembling the art that was being made within the same period. Students will be working mainly with drawing and painting as well as some 3D materials.

Music Courses

HIGH SCHOOL BAND

1 Credit

This co-curricular course is a year-long class that consists of Marching Band and Concert Band. During Marching Band season (August-October) students will participate in band camp and rehearsals (during school and outside of the school day), as well as perform at all varsity football games, parades, and other community events. During Concert Band season (November - June, students will participate in rehearsals during class time, and they will also perform at the Winter and Spring Concerts, Pep band, Solo and Ensemble contests (optional), PMEA Large group contests, the Memorial day parade, and graduation. These performances will take place outside of class time, and attendance at all above listed functions is mandatory.

JAZZ BAND

½ Credit

This co-curricular course is a semester-long class offered in the fall and the spring semesters. Students must complete a required audition and placement by the instructor in order to be enrolled in this class. This is a performance based class with an emphasis on jazz music. The class will consist of rehearsals during the school day as well as required performances throughout the semester. This includes, but is not limited to, two concert performances per semester. Attendance at performances is mandatory.

SYMPHONIC CHOIR

1 Credit

Symphonic Choir offers students of varying levels of interest and talent grades 10-12 the opportunity to participate in large and small ensembles and solo activities. Students are encouraged to develop their own musical ability. Various styles of choral music are studied and performed. Student's vocal techniques and musicianship are developed. The Symphonic Choir performs at winter and Spring Concerts as well as competing in the OMEA large group contest. Symphonic Choir is a full year course.

SHOW CHOIR

1 Credit

Show Choir is a performance-based class where students sing, dance, and perform in a high-energy ensemble. Students will prepare and perform a mix of vocal harmonies and choreographed routines in various styles. All students must attend the Summer Show Choir Camp, which focuses on vocal and dance training, and sets the foundation for the school year's performances.

Foreign Language Courses

SPANISH I

1 Credit

Students learn basic vocabulary, pronunciation, and grammar in Spanish and work on the skills of listening, speaking, reading and writing. Emphasis is placed on communication. Some history and culture are studied. Any student desiring admission to Spanish I on the freshman level must have at least a C average in English and reading, or have teacher's permission.

SPANISH II

1 Credit

This course is a continuation of Spanish I. Students will expand their skills of listening, speaking, writing and reading on a more advanced level. Along with these skills, students will continue to learn vocabulary and apply them to many short readings, debates, conversations, and writing in the past tense. A minimum of C or above is required from Spanish I, or have teacher permission.

SPANISH III

1 Credit

Students will learn the Spanish language for giving short speeches, writing letters, and stories. They will also read and discuss, in Spanish, examples of Spanish literature and newspaper articles. More intensive work is done with history and emphasis is placed on applying what they have learned in Spanish I and II to Spanish philosophy, artistic heritage, and learning about famous Hispanic people.

Agri-Science Courses

AG FOOD & NATURAL RESOURCES (9th GRADE)

1 Credit/Yr.

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.

ANIMAL & PLANT SCIENCE AND TECHNOLOGY (10th Grade)

1 Credit/Yr.

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 nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

LIVESTOCK SELECTION, NUTRITION AND MANAGEMENT (11th GRADE)

1 Credit/Yr.

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.

BUSINESS MANAGEMENT (12th GRADE)

1 Credit

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.

AG CAPSTONE (12th GRADE)

2 Credits

This work-based component of the Vocational Agriculture Program is a required application of skills acquired in prior years. This is an essential component of student learning in partnership with the community to demonstrate 21st century skills and knowledge.

Business and Digital Media Courses

INTRO TO DIGITAL MEDIA

First Semester

½ Credit

This hands-on course presents an introduction to the design issues, historical and contemporary approaches, of digital photography as they are applied to print web, and video production. This course will provide theory and practical aspects of the parts of the camera as well as taking well-composed photographs that visually communicate a message. Other elements such as exposure, lighting, portraiture, even coverage, and style will be introduced.

Features: Photo editing, Compositing, Desktop Publishing, Commercial design, Illustration-Vector, Typography, Motion Graphics, Audio editing and production, Video editing and production, Animation

INTRO TO DIGITAL PHOTOGRAPHY Second Semester

½ Credit

Prerequisite: Intro to Digital Media

This hands-on course presents an introduction to the design issues, historical and contemporary approaches, of digital photography as they are applied to print web, and video production. This course will provide theory and practical aspects of the parts of the camera as well as taking well-composed photographs that visually communicate a message. Other elements such as exposure, lighting, portraiture, even coverage, and style will be introduced.

Features: Basic DSLR Camera use, Creative modes, Manual modes, Landscape, Portrait, Event, Features, Macros, Depth of field, Shutter speed, Commercial/Product, Basic Compositing

INDIAN VIDEO PRODUCTION-IVP Offered Both Semesters

½ Credit

Prerequisite: Intro to Digital Media

Broadcast and basic video production course, featuring: Basic Camera Techniques, Premiere Pro Editing Software, Studio News Program, Motion Graphics, Short Films, Weekly News Programs, Interviews/Features, Hosting, Field Reporting, Showcase Features, Recurring Segments, Music Videos, Directors/Producers

DRONING

½ Credit

Prerequisite: minimum age 16

This course introduces high school students to drones and how they work. Students will learn about the different parts of a drone, how to fly them, and the rules for using them safely. The course will cover basic flying techniques and how drones are used in areas like photography, farming, and technology. Through hands-on practice, students will get the chance to fly drones and develop important skills. By the end of the course, students will have a basic understanding of drones and how they can be used in many different jobs.

Business Foundations

1 Credit

Introduction to Business is a foundational course designed to equip students with a comprehensive understanding of business principles, professional ethics, career pathways, and post-secondary opportunities. This course serves as a stepping stone for students interested in exploring the dynamic world of business and preparing for more advanced business courses. Through interactive activities, projects, and real-world applications, students will develop critical thinking and problem-solving skills essential for success in any career field.

Fundamentals of Business

1 Credit

General Business is a comprehensive course designed to expand students' understanding of business principles and their applications. Students will explore a range of topics, including creating and managing a business, developing a business plan, marketing strategies, global business practices, and career opportunities in the business world. This course is ideal for students seeking to deepen their business knowledge and skills, whether as a standalone course or as a follow-up to Introduction to Business.

BUSINESS DESIGN AND PRODUCTION Year long course

1 Credit

Prerequisite: Intro to DMT or teacher permission

This entrepreneur class features:

Advertising
Marketing
Social Media
T-Shirt Screen design

Het pressing screens
Customer Sales presentations
Inventory
Accounting

CCP Digital Media Courses **taught at MGHS**

CTE-CCP DIGITAL DESIGN & TECHNOLOGY- First Semester

1 Credit

3 Cr. Hrs. Course Prerequisite - Successful completion of Intro to Digital Media

Students will learn techniques for transforming photographic images through the use of digital cameras, computers, and mobile devices.

Features:

Photo manipulation
Adobe Premiere, Illustrator, InDesign, and
Fresco
Composition
Desktop Publishing
Typography

Illustration
Interactive media
Digital Art/Painting
Basica video/audio production

CTE-VIDEO AND SOUND PRODUCTION Second Semester

1 Credit

3 Cr. Hrs. Course Prerequisite - Successful completion of Digital Image Design

Students will create professional video and audio productions for distribution in traditional and new media channels. Students will plan, produce, edit, and launch media products.

Features:

Camcorder operation

Pre-production skills (screenplay writing, shot lists, storyboarding)

Narrative story writing

Adobe Premier software

Short films

Music videos

Event films

Audio recording, manipulation, and production

Animation

Interactive audio/video production

Special Programs and Career Pathways**LIFE SKILLS**

½ Credit

The primary goal of this course is to prepare students for a successful life while they are in high school and as they enter adulthood which brings new responsibilities and consequences. The course teaches basic transitional living skills, featuring:

Cooking

Laundry

Cleaning

Basic vehicle maintenance

Basic home maintenance

Healthy living skills

Mental health skills

Major purchases

Living alone

Living with roommates

Apartment rentals/leasing

Self-defense/situational awareness

MENTORSHIP

1/2 Credit

The student mentorship is an individualized educational activity that allows a student the opportunity to pursue an in-depth study of a career area with the guidance of an adult mentor. The student identifies a specific interest to investigate and is then matched with a mentor. The student will complete a portfolio for the mentorship class. The students are required to complete 45 hours' worth of their mentor. The program is open to junior and senior students who have a 2.5 GPA. Seniors will be given first priority.

FINANCIAL LITERACY (Required)

½ Credit

This high school course prepares students to understand financial literacy concepts and helps them to become savvy consumers who can avoid scams, prepares students to make sound financial decisions, provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses and provides an introduction to investing.

Career Behavior Intervention

CBI

4 Credits Total

Math/Yr	1 CBI
Related/Yr	1 CBI
Work/Yr	2 CBI

CBI is a vocational program designed for students who intend to go from high school directly into full-time work. There are three components to the CBI program: CBI Math, CBI Related, and CBI Work. Two years of CBI Math fulfills the Algebra 2 state requirement for graduation. Some of the subjects covered in CBI Related are: career exploration, job finding techniques, safety, physical and emotional health, self-esteem, goal, values, employability skills, communication skills, banking, money management, decision making and study skills. In the CBI work component students will be required to have a job working at least 120 hours each semester. There will be a limited number of jobs working in the school district cafeterias. Students not working in a cafeteria must have a job outside of school. Jobs must be arranged and cleared through the CBI coordinator. Students who do not have a job by the fifth day of school will be required to do “volunteer” work (without pay) as assigned by the coordinator. This class is offered by application only.

CBI II

4 Credits Total

Math/Yr	1 CBI
Related/Yr	1 CBI
Work/Yr	2 CBI

The second year of this two-year program is designed for students who want to make the transition from school to work. There are three components to the CBI Program: CBI Math, CBI Related, and CBI Work. Two years of CBI Math fulfills the Algebra 2 state requirement for graduation. Some of the subjects covered in CBI Related are: career exploration, job search, safety, physical and emotional health, self-esteem, goals, values, employability skills, communication skills, banking, personal finance, income tax, and decision making. In the CBI Work component students will be required to work at least 240 hours per semester at an approved job outside of school. Jobs must be arranged and cleared through the CBI Coordinator. Students who do not have a job by the fifth day of school will be required to do “volunteer” work (without pay) as assigned by the CBI Coordinator. Seniors may choose to be released from school each day as early as their class schedule permits to work at jobs in the community. This class is offered by application only.