

MHS Required Courses

English I, II, III, IV

Math:

Algebra A, Algebra B, Algebra I

Geometry

Algebra II, Algebra II A and B- yearlong

Pre-Calculus

Calculus

Finite Math

Bridge Math

Science:

Physical Science

Biology

Biology II

Chemistry

Social Studies:

World Geography and History

U.S. History

Government

Economics

MHS Elective Course Descriptions

General Electives

* **Lifetime Wellness:** Topics include health and well-being of the individual, communicable and non-communicable diseases, sound mental practices and decisions using available information, resources and services, the effects of nutritional choices, personal fitness, life-threatening situations, human sexuality, and chemical substances.

* **Physical Education:** An additional physical education class offered to sophomores and above

Contemporary Issues: the study of basic law and its principles and how it relates to current events.

Sociology/Psychology(9wk classes): the study of dynamics and models of individual and group relationships; the study of the development of the individual and the personality

Bible History: an overview of major historical events that took place during biblical times

* **Spanish I:** an introductory course for Spanish conversation, basic grammar and vocabulary. This is a required course for those students on the university path (juniors and above only on path focus.)

* **Spanish II:** continues to build on the skills learned in Spanish I and students acquire the use of more verb tenses including future, imperfect, reflexive and irregular verbs.

Band: this course is for students who participate in the Midway High School Band. This course may be repeated for more than one unit.

* **Music History:** An overview of music from the Renaissance, Baroque, Classical, Romantic, and Contemporary stylistic periods. Parallels are drawn between the historical events and their impact of the development of music. Required fine arts credit for university path (juniors and above only on path focus.)

* **Introduction to Theatre Arts-** fine art elective

ACT Prep (9wk course): Skills learned include Study Skills, Career Research, Choosing a College, Financing College, ACT Test Prep, and Succeeding in College

* **Personal Finance (9w course):** A Basic Financial Information for life course including good banking practices, banking basics, and much more

Humanities Focus

Journalism: an introduction to print, broadcast, and photo journalism. This class explores various realms involved such as advertising, media literacy, and much more.

Creative Writing: create original works of fiction, nonfiction, poetry, and drama. Also sharpen skills in grammar, usage, observation, and expression

World Literature: The study of literature that originates in a language other than English and in a country other than the United States and Great Britain.

Technology Focus

Computer Applications: Applications of basic skills in operating a computerized keyboard to produce business and academic documents. Keying, formatting, grammar, punctuation capitalization, spelling, content, typography and layout design are the areas of focus.

Advanced computer Applications: prepares students to continue postsecondary training in business related programs, provides advanced training for students pursuing a career in administrative and information support, and supports obtaining an industry certification in specific software applications (such as the Microsoft Office Suite). Course content and projects are meant to simulate workplace scenarios and draw on skills related to communications, operations, management, and teamwork in order to accomplish information management goals

Business Communications: a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

Multimedia: This course allows students to learn layout and design skills to develop electronic presentations.

Human Studies Science Focus

Intro to Human Studies: a comprehensive foundation course designed to assist in developing the core knowledge and skill needed to manage their lives.

Nutrition: Designed to help students understand the nutrient value, appetite appeal, social significance, and cultural aspects of food

Lifespan Development: Assists students in making a successful transition from high school into the post high school environment. Students will be empowered to take action for the well-being of themselves and others as they effectively manage the roles and responsibilities created by family, career, and community interactions.

Agriculture Focus

Agriscience: an overview of ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical laws that govern life (Entry level class)

Greenhouse Management: an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques

Landscape and Turf Science: an applied course designed to provide challenging academic standards and relevant technical knowledge and skills needed for further education and careers in landscape design, maintenance, and turf management. Content includes site analysis and planning, principles of design, and plant selection and care techniques. Upon completion of this course, proficient students will be prepared to pursue advanced study of landscaping and turf science at a postsecondary institution.

Principles of Agricultural Mechanics: an intermediate course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics.

Health Science Focus

Health Science Education: the foundation to other Health Science courses. Upon completion of this course, students will be able to identify career fields in the health care field; perform foundational healthcare skills; compare and contrast health care systems; and discuss legal responsibilities.

Medical Therapeutics: designed to help students explore therapeutic health careers. Upon completion of this course, students will be able to successfully perform CPR on an adult, child and infant; identify therapeutic health career fields; assess, evaluate, monitor, and discuss treatment options for clinical patients.

Medical Diagnostics: designed to explore diagnostic career fields. Upon completion of this course, students will be able to identify diagnostic careers; perform foundational healthcare skills; and assess, evaluate, monitor, and discuss treatment options for clinical patients.