

MIA Curriculum Overview



High School Course Offerings

All core curriculum courses in the High School are college preparatory. By graduation, students will have fulfilled the Michigan Merit Curriculum and the Michigan Transfer Agreement (MTA) to complete a minimum of 30 semester hours of college-level credit, which will fulfill a portion of the lower-division general education requirements at participating four-year colleges or universities. Courses designated as Honors are based on the level of the textbook and the degree of critical thinking required. Students are placed into Honors classes based on the previous year's academic performance, including their standardized test scores.

MIA also offers enrichment courses through Michigan Virtual online learning portal, dual enrollment at Washtenaw Community College, Henry Ford College, Oakland Community College, and the Eastern Scholars program at Eastern Michigan University.



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High School Course Offerings

English

English Language Arts 9 - American Literature and Writing

The main focus of this course is to learn critical reading skills, to find evidence in the text to support students' claims, and to decode words students may not be familiar with using context clues. Students will also continue to improve upon the writing skills they developed in middle school by using effective voice and understanding the purpose and audience of their writing. Students will further develop their public speaking skills through various speaking and listening projects in this class. The content students will learn includes, but is not limited to: narrative structure, characterization, point of view, imagery, symbolism, argument, debate and persuasion, rhetorical devices, the language of poetry, spoken word, social issues, author's style and voice, cultural and historical context in literature, and the power of research. This course aims to foster life-long readers, empower students' voices, and create future leaders and advocates for social justice.

Introduction to Academic Writing (Offered as ELA Honors - By Recommendation)

This is an honors-level high school English course. Recommended for students who are more independent and have a strong command of English/Language Arts. These students should be self-driven, focused, and motivated to develop their writing and research skills further. This course offers a comprehensive introduction to academic writing. Students will grow skills in identifying, using, and citing various kinds of sources, critiquing academic arguments and making their own, and using increasingly precise grammar and vocabulary.

English Language Arts 10-12 - Literature and Composition

The MIA Literature and Composition course will help students work toward mastering the language skills needed to be successful in college or a career. Students will critically read fiction and nonfiction texts, increase their vocabulary knowledge, improve grammar skills, learn effective writing techniques, and improve speaking and listening skills.

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High School Course Offerings

English Cont.

Composition I (ENG 111)

Composition I is a dual enrollment college course offered on-site through WCC. A college instructor will teach students and receive high school and college credit upon successful completion. Recommended for students who have either completed Academic Writing or are current ELA 09 students who have excelled in English/Language Arts and are prepared to take on the rigorous curriculum of college courses. In this course, students will write effective academic essays using a variety of rhetorical patterns for various purposes and audiences. Reading materials serve as a basis for essays and classroom discussions. Students write both in-class and out-of-class essays. Students will write a minimum of 20-25 pages of polished writing.

Composition II (ENG 226)

Composition II is a dual enrollment college course offered through WCC. This course can be taken in junior and senior year and is a continuation of Composition I. In this course, students further develop critical reading and logical thinking skills. Students will also write argumentative essays using a variety of formats. Research writing and documentation is emphasized.

Senior Project

The Senior Project is a culminating assessment for twelfth graders as they prepare to graduate from high school, applying the skills and knowledge they attained throughout high school in a practical product. This opportunity should be a learning stretch for the student and will incorporate the skills of time management, planning, writing, researching, creativity and presentation.

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High School Course Offerings

Mathematics

Algebra I

This course emphasizes the study of multiple representations of linear and nonlinear functions. It includes mathematical concepts for working with rational numbers, various expressions, analyzing and solving linear equations & inequalities, data analysis, probability, statistics, and polynomials. Students will use hands-on materials and calculators when needed to solve problems where algebra concepts are applied.

Geometry

The study of geometry includes properties of geometric figures, trigonometric relationships, and reasoning to justify conclusions. Methods of justification will include paragraph proofs, two-column proofs, indirect proofs, coordinate proofs and verbal arguments. The course emphasizes two- and three-dimensional reasoning skills, coordinate and transformational geometry, and using geometric models to solve problems. Various applications and general problem-solving techniques, including algebraic skills, will be required. After 9th grade, this course can be taken over the summer through Michigan Virtual at the family's cost to advance to Algebra II in Sophomore year. Students must achieve an 85% or higher to go to Algebra II.

Algebra II

This course continues algebraic and geometric concepts developed in Algebra I and Geometry. Students will review solving equations, inequalities, and graphing functions. The students will continue their foundation of functions, use symbols and manipulation to simplify and solve, connect algebra and geometry, study conic sections, and work with different methods for solving systems of equations, matrices, quadratic, square root, rational, and exponential and logarithmic functions. Students will continue to build on this foundation as they expand their understanding through other mathematical experiences. Prerequisites: Algebra I and Geometry.

Juniors and Seniors who qualify can take Precalculus onsite, Statistics, College Algebra, or Calculus through WCC (or local community college).

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High School Course Offerings Science

Biology

Biology is defined as the scientific study of life. In Biology, students learn about the nature of science in general, the chemistry of life, cell structure and function, cell growth and division, and photosynthesis and cellular respiration processes. The course also covers the science of modern genetics, the structure and function of DNA and RNA, human heredity, and the ethical implications of genetic engineering and DNA manipulation. Students additionally learn about the biosphere, ecosystems, communities, populations, and the role of humans in the biosphere. In the laboratory component, students practice and apply concepts learned in class by conducting investigations where they are required to draw conclusions based on data obtained, analyze their results, and infer conclusions.

Chemistry

The study of Chemistry includes the structure of atoms, arrangement of electrons in atoms, electronic configuration, chemical bonding, chemical formulas, chemical compounds, chemical equations, and reactions. The course includes stoichiometry, solutions, ions in aqueous solutions, acids and bases, and pH calculations. Various applications and some general problem-solving techniques, including lab and virtual lab/simulation skills, will be required.

Chemistry in the Community

The class covers the Michigan standards for science and the Next Generation Science Standards (NGSS). Chemistry in the Community covers traditional chemistry topics with coverage organized around societal issues with less emphasis on mathematics. This includes practical applications of chemistry and the chemical principles behind them including the scientific method, atomic structure, molecular models, and chemical reactions.

Physics

This course introduces the students to the nature and values of physics. Physics is about what happens in the world around you. It involves walking, running, bicycling, driving a car, directing an interplanetary probe, and the ways the universe behaves.

MIA Curriculum Overview



High School Course Offerings Science Cont.

Physics cont.

Students will discover that engineers and architects apply physics to materials in building and designing structures. At the same time, physicians, physical therapists, and sports trainers use biophysics or biomechanics to understand how systems in the body work together and how movement occurs. Finally, this course will show how scientific investigations can be a valuable application of human creativity.

Science Electives (beginning Junior Year)

Environmental Science, Astronomy, and Geology are available through WCC online. Anatomy and Physiology is offered virtually through MVS.

Health

This course in 10th grade is designed to fulfill the standards set by the state of Michigan for Health education. Still, it goes beyond that to look at how health plays out in real-life scenarios, particularly in the context of Muslims in this society. Materials will touch upon mental, social, and physical health topics, giving students an essential foundation to continue their health education, health literacy, and public health advocacy. Rather than presenting the material as "healthy vs. unhealthy" or even "halal vs. haram," critical thinking and a deeper understanding of the broader impact of personal health choices are emphasized. At the same time, health is a science and evidence-based best practice --- and understanding why it is best practice and how to shift through "evidence" --- is also taught. Thus, mixing hard and social science approaches with a practical and hands-on approach, the main goal of this class is to provide students with lifelong tools to decide what the "healthy choice" really is.

Social Studies

MIA Curriculum Overview



High School Course Offerings

American History (HIST 124 EMU Scholars)

This class examines important events throughout American history, beginning with World War I and ending with modern-day events. Emphasis will be placed on how each event is connected throughout the historical timeline and how each affected what came after it. Students will learn to make direct connections between the past and the present. Current events are integrated throughout the course.

Economics

This course focuses on economics as a way of thinking. Its modules are designed to provide students with a proper foundation in economic literacy in alignment with the Voluntary National Content Standards Preview, the document on Economics published by the Council for Economic Education (CEE). The course aims to equip students with the necessary skills to understand how economic markets worldwide work and how these economic concepts and key events affect our daily lives. The course also aims to help students develop analytical and problem-solving skills, guiding them to make practical economic decisions as informed consumers and future investors.

U.S. Government (PLSC 112 - EMU Scholars)

This course will provide students with an understanding of the origins and founding principles of the U.S. government through a close examination of the Constitution and its Amendments and an investigation of the establishment of civil rights and liberties nationwide. Students will also become familiar with landmark Supreme Court decisions to understand the impact and importance of constitutional rights. With this course, students will be guided through the function of government today and the role of citizens in the civic process, gaining competence in civics and becoming capable of participating in the country's political processes.

World History (HIST 109 - EMU Scholars)

This course encourages students to think historically by making connections and comparisons between events and people across periods and geography, following the rise and fall of empires, conquests, migrations, and World Wars up to the

Social Studies Cont.

MIA Curriculum Overview



High School Course Offerings

World History (HIST 109 - EMU Scholars) Cont.

present time. The topics and concepts covered in this course include the Roman Empire, feudalism, Medieval Europe, the Renaissance, industrialization, and the world before 1500 CE. The Woven Truth, Volumes I & II provide supplemental material reflecting upon the early migrations as humanity spread out from Mesopotamia, east and north to the Indus Valley, the nomadic Turks, and Mongols to the ancient empires of China and Japan, and south and west to Africa and the Americas. At the end of the course, students should be able to compare and contrast past events and current issues, recognize causes and effects of events, identify recurring themes in history, and develop and organize argumentative papers on historical topics.

Arabic

MIA Curriculum Overview



High School Course Offerings

All Arabic courses observe World-Readiness Standards for learning foreign languages: Communication, Cultures, Connections, Comparisons, and Communities. Additionally, the MIA Arabic Language Department utilizes the American Council on the Teaching of Foreign Languages (ACTFL) proficiency guidelines to assess students' use of the four skills of language, including speaking, writing, listening, and reading.

Arabic Beginners I Level

This course aims to help students become comfortable with various aspects of the Arabic language, including speaking, listening, reading, writing, and basic grammar. This course will establish the foundation for students to become fluent and skilled in academic Arabic. After learning to read and follow specific directions, students will be expected to complete their homework independently, encouraging them to take a proactive lead in practicing and expanding the language.

Arabic Beginners II Level

This is a continuation course aimed at helping students take the next step toward achieving proficiency in listening, speaking, reading, and writing Arabic. This course will encourage students to use Arabic in a broader variety of contexts, making them more comfortable with the language. By the end of the school year, students will demonstrate proficiency in their use of academic Arabic concerning the four skills of language.

Arabic Intermediate Level

This course aims to help students learn to listen, speak, read, and write Arabic. We will emphasize improving the four linguistic skills of listening, reading, writing, and speaking by expanding the students' vocabulary repertoire.

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High School Course Offerings

Arabic Cont.

Arabic Advanced Level

By the end of this course, students will achieve proficiency in listening, speaking, reading, and writing Arabic. Students will learn more acceleratedly as they deal with more complex linguistic issues, more challenging listening passages, and lengthier texts. At the same time, students will continue to strengthen their Arabic by developing more specific vocabulary and using more advanced grammar.

MIA Curriculum Overview



High School Course Offerings

Qur'an (separated by gender)

Qur'an Beginners

We will learn Surah 36 Yaseen this year, including *tafsir*, *tajweed*, and memorization. As they memorize, students will learn to rigorously apply tajweed rules to achieve more precise and authentic Quran recitation.

Qur'an Intermediate

In this course, students will learn Surat-ul-Anbiyah, including *tajweed*, *tafsir* (meaning/understanding of significant stories and themes), *ahkam-ul-ayaat*, reasons for revelation, and memorization. The course aims for students to draw lessons from Qur'anic verses which they can then apply in their daily lives. Students will also learn a word-by-word translation of the Surah, which will help them increase their Quranic Arabic vocabulary, thereby increasing their comprehension of the Quran. This aims to equip them with the *tafsir* and the literal meaning to allow students to internalize the Quran and consider its messages while listening to or reciting it.

Qur'an Advanced

This subject will cover the *tafsir*, *tajweed*, and memorization of the first Juz' of Surat-ul-Baqarah (1-142). As they memorize, students will continue practicing tajweed rules to achieve a truly authentic Quran recitation. The study of *tafsir* is key to supporting students' growth as Muslims and their development of balanced personalities, as it is first by studying the meaning of significant stories and themes in the Quran and translating them into the ethics and manners required of us Muslims that students may then implement them in their daily lives. This class will be taught interactively and enjoyably, allowing students to comprehend and appreciate the essential concepts of religion. Students will be required to submit a [reading log](#) every week.

MIA Curriculum Overview



High School Course Offerings

Islamic Studies (separated by gender)

Islamic Studies 9

This course is designed to deepen students' knowledge of Islamic Aqeedah and Tawheed, while also helping students to understand and connect to the human message of the Prophet Muhammad (S). This course aims to help students develop spiritually and morally, take pride in being Muslims, and practice Islamic manners and morals as taught in the Sunnah of the Prophet Muhammad (S). Grade 9 topics of study include The Importance of the Correct Aqeedah and Tawheed, Tawheed Al-Asmaa' Was-Sifaat, Deviation Concerning Tawheed Al-Asmaa' Was-Sifaat, Important Principles Concerning Allah's Beautiful Names and Attributes, The Methodology of Ahlus-Sunnah was-Jamaa'ah Concerning Allah's Beautiful Names and Attributes, Birth of the Messenger (S), Profession and Marriage to Khadijah (RA), The First Revelation, The Mission begins, and much more. In addition to the text, other readings and short videos will reinforce and supplement the lessons while engendering lively class discussions.

Islamic Studies 10

This course is designed to boost the level of communication between adult and young Muslims by teaching a standard set of values based upon the Quran and the Sunnah of the Prophet Muhammad (S), shared by Muslims worldwide. This course aims to help students develop a broader understanding of Islamic history, take pride in being Muslims, and achieve balanced personalities that reflect the moderation of Islam. Grade 10 topics of study include The Importance of the Correct Aqeedah and the 3 Categories of Tawheed, Deviation from the Correct Aqeedah, Means of Safeguarding Against Deviation, Actions and Sunan in the Morning and Afternoon, Islamic civilization during and historical overview of the Umayyah Dynasty, Islam starts to spread beyond Makkah, Aqabah, Hijrah to Madinah Munawwarah, and much more.

In addition to the text, other readings and short videos will reinforce and supplement the lessons while engendering lively class discussions.

MIA Curriculum Overview



High School Course Offerings

Islamic Studies (separated by gender) Cont.

Islamic Studies 11

This course is designed to help young Muslims connect to their religion on a deeper level and facilitate positive communication between Muslim adults and youth. Muslims worldwide share a standard set of values based upon the Quran and the Sunnah of the Prophet Muhammad (S). This course covers various topics aimed at facilitating students' spiritual and moral development while helping them take pride in being Muslims and achieve balanced personalities that reflect the moderation of Islam. Grade 11 topics of study include Aqeedah and Tawheed, Belief in Ghayb (Unseen), Life of the Barzakh, The Grave, The Last Day and Resurrection, The Gathering for the Final Judgment, Signs of the Hour, The Battle of the Trench (Khandaq), The Abbasids, Battle of Uhud, Incidents and Expeditions, Battle of the Trench, Banu Quraydha's treachery, Slander Against Aisha (ra), The Prophet's Letters, Khaybar, Umrat ul-Qadha, Battle of Muta, Hudaibiyah, and much more. In addition to the text, other readings and short videos will reinforce and supplement the lessons while engendering lively class discussions.

Islamic Studies 12

This course is designed to teach and transmit a standard set of beliefs, values, and norms – particularly on current issues facing Islamic societies worldwide. Muslims worldwide share a standard set of values based upon the Quran and the Sunnah of the Prophet Muhammad (S). This course aims to help students take pride in being Muslims, achieve balanced personalities that reflect the moderation of Islam, and, ultimately, prepare them to take their place in the world as they ready themselves for the transition to adult life. Grade 12 topics of study include True Aqeedah, The Ottoman Empire, Muslims in the Contemporary Era, Muslim Minorities, Islamic States, Palestine, The Importance of Family in Islam, Preservation of the Family Unit, Marriage in Islam, Tafseer of Surah Kahf, The Battle for Makkah, Fath Makkah, Battle of Hunayn, Battle of Taif, Hajjatul Wada, Illness and Death of the Prophet (S), Abu Bakr (RA) becomes the Khalifah, and much more. In addition to the text, other readings and short videos will reinforce and supplement the lessons while engendering lively class discussions.

MIA Curriculum Overview



High School Course Offerings

Physical Education (separated by gender)

Keeping active is crucial to our physical, mental, and emotional health. PE classes are active and varied. Students can expect to raise their heart rate as they strengthen, tone, and work on physical balance and coordination. Students will be primarily graded on punctuality, class participation, good sportsmanship, a positive attitude, and eventual demonstration of proper form and execution of skills learned in class. Curricula material is derived from OpenPhysEd.org. OPEN instructional modules provide objectives aligned with the State Standards and incorporate learning activities, assessments, and resources to help students develop physical literacy skills, knowledge, and confidence. PE courses are typically taken in student's freshman and junior/senior years.

Art

The high school art curriculum encompasses a variety of topics based on the art elements and principles of design. Units include drawing, painting, printmaking, graphic design, and art history. The instructor will provide students with the skills and knowledge needed to meet the Michigan Merit Curriculum Standards, Benchmarks, and Grade Level Content Expectations.

Each year, students work on a theme-based acrylic canvas art. Students also work on three-dimensional works of art with clay or other media. Students can participate in art competitions, such as Doodle for Google and the MDOT Aviation contest every year. Students also have the opportunity to display their work mounted and presented at Trader Joe's, in Ann Arbor, and MIA's Annual Gathering. Students also present a digital art portfolio kept in a Weebly account. In place of an MIA course, students in 10th grade may opt to take an Art course through WCC.

MIA Curriculum Overview



High School Course Offerings

Computer Science Applications

In this course, students will explore 21st-century computer skills and applications that will help them succeed personally, at the college level, and in their future careers. The focus of this course is to provide knowledge and skills associated with a wide variety of computer software, including: How AI works, Digital Information, Micro: bit, Cybersecurity, The Internet, Introduction to App Design, and How Blockchain Works. Students will learn to apply these skills by creating various documents and media. Students will also expand their knowledge of internet safety and research (social media, cyberbullying, internet research, critical thinking online (discerning fake reviews, news, scams, etc.), ethical computer use, and email etiquette. Computer Applications is typically taken in the freshman, sophomore, and junior years.

SAT Prep

The SAT Prep class uses the Kaplan PSAT prep program to help students develop skills that promote academic success in high school and the SAT college entrance exam and prepare them for life after high school. Students work on the Math section during the first semester and the Evidence-Based Reading and Writing/Essay section during the second semester.

Life Skills

College and Career Readiness is designed to help guide students through their high school careers, preparing them for success in college and their future careers, insha'Allah. This course will explore academic planning, career exploration, recognizing and developing your strengths, navigating college courses and transfer guides, effective communication, building resiliency and a coping skills toolbox, and embracing a growth mindset.

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High School Course Offerings

Supplementary Course Offerings:

High School

In addition to the course offerings through Michigan Islamic Academy, MIA students also have a wide selection of core and elective courses through Washtenaw Community College, Eastern Michigan University (in both cases transferable to the University of Michigan and other Michigan universities), and Michigan Virtual School. For the complete listing of courses offered through Michigan Virtual School, please visit <https://michiganvirtual.org/students/courses/>. The complete selection of courses offered to MIA students through Washtenaw Community College can be found at the following link (select the drop-down menu for “Washtenaw Community College” from the list of universities): <https://admissions.umich.edu/apply/transfer-applicants/community-college-students/michigan-transfer-agreement>. These courses may be offered onsite at MIA, depending upon instructor availability, or can be registered for by the student independently to be taken at WCC, virtually, or online. The courses offered through Eastern Michigan University are through the Eastern Scholars Program and are taught by EMU professors onsite at MIA. Course offerings vary each semester depending on student interests and needs.