### UPPER SCHOOL

#### GRADUES 9-12

**Curriculum**

**ENGLISH**

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**HISTORY AND SOCIAL SCIENCES**

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**MATH**

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**LANGUAGE**

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<tbody>
<tr>
<td>Spanish 100</td>
<td>Spanish 200 Spanish 250</td>
<td>Spanish 300 Spanish 350</td>
<td>Spanish 400 Spanish 450</td>
<td>Spanish 500</td>
<td>AP Spanish</td>
</tr>
<tr>
<td>French 200</td>
<td>French 300</td>
<td>French 400 French 450</td>
<td>French 500 Greek</td>
<td>AP French</td>
<td>AP Mandarin</td>
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<tr>
<td>Mandarin 200</td>
<td>Mandarin 300</td>
<td>Mandarin 400</td>
<td>Mandarin 500</td>
<td>Mandarin 600</td>
<td>Mandarin 600</td>
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<tr>
<td>Latin 200</td>
<td>Latin 300</td>
<td>Latin 400</td>
<td>Latin 500</td>
<td>Latin 600</td>
<td>AP Latin</td>
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**SCIENCE**

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**ART**

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<tbody>
<tr>
<td>Fine Arts: Architecture CAD/Rendering Ceramics 1</td>
<td>Photo 1 Digital Sculpture 1</td>
<td>Photo 2 Drawing 1 Sculpture 2</td>
<td>Photo 3 Advanced Drawing Drafting (CAD)</td>
<td>Advanced Painting Ceramics 3 Sculpture 3 Painting 1 Painting 2</td>
<td>AP 2-D Design (Photo) AP Studio Art: Drawing AP Art History AP 3-D Design</td>
</tr>
<tr>
<td>Performing Arts: Choir Band</td>
<td>Acting 2</td>
<td>Acting 3 Band</td>
<td>Advanced Techniques 1 Advanced Techniques 2 Advanced Techniques 3</td>
<td>AP Music Theory</td>
<td>AP Computer Science AP Computer Science Principles</td>
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**BOOM Project**

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<tbody>
<tr>
<td>Public Speaking, Programming Environment, Advanced Data Structures Journalism</td>
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*Note: The intention of this grid is to see the broad array of rich offerings at MICDS. It is not intended to help map out a schedule.*
The Upper School curriculum at MICDS provides students with multiple opportunities to live the Mission of the School. Courses are designed to engage students in deep intellectual labor characteristic of a strong academic foundation while providing ample opportunity to pursue passions and interests through a variety of course offerings.

The trimester academic calendar allows for greater course choice and course load. This curriculum grid is representative of coursework available. Please note: Classes may not be offered each trimester of every year. Each student must take a minimum of five or six classes each trimester for four years to fulfill graduation requirements.

The Eliot Summer Academy offers enrichment and advancement in selected disciplines during the summer months. For more specific information and course descriptions, please visit our website at micds.org.

**UPPER SCHOOL Curriculum**

**GRADES 9-12**

**MATHEMATICS**

**Required:**
9 trimesters: which must include Integrated Mathematics 1 & 2. Students are strongly encouraged to take math all 12 trimesters.

**Representative Elective Courses:**
Linear Algebra, Discrete Mathematics, Multi-variable Calculus, Number Theory

**AP:**
Statistics, AB Calculus, BC Calculus

**SCIENCE**

**Required:**
9 trimesters: In 9th and 10th grade, students take Chemical and Physical Systems and Bio-Chemistry Applications, respectively. In grades 11 and/or 12, students take one more year of Environmental Science or an AP Science course.

**Representative Elective Courses:**
Robotics & Maker, Modern Physics, Plant Science Strand, Research Strand, Biotechnology, Forensics, Human Body Strand

**AP:**
Biology, Chemistry, Physics C Mechanics, Physics C Electricity & Magnetism, Environmental Science

**ENGLISH**

**Required:**
12 trimesters: In 9th & 10th grade, the course is taught in common. In grade 11, the course is taught in common the first two trimesters with an elective choice in the third trimester. 12th graders choose two electives for the year.

**Representative Elective Courses:**
From Poetry to Plays, Irish Literature, Literature of the Black Diaspora

**AP:**
No courses designated AP; students test as they feel prepared.

**WORLD LANGUAGES**

**Required:**
A single language through level 3.

**AP:**
Spanish, French, Latin, Mandarin

**HISTORY AND SOCIAL SCIENCES**

**Required:**
9 trimesters: The Post-1900 World, United States History or United States History Accelerated, History of St. Louis, plus two additional trimester electives

**Representative Elective Courses:**
History of Race and Sports in America, 9/11 & The War on Terror, Personal Finance, History of Environmental Conflict, Modern Asian History

**AP classes:**
United States Government and Politics, European History, Microeconomics, Macroeconomics, Psychology. Students take United States History & World History tests as they feel prepared.

**FINE & PERFORMING ARTS**

**Required:**
A minimum of 6 trimesters

**Representative Elective Courses:**
Ceramics, Painting, Chamber Choir, Photography Architecture, Acting, Digital Design, Instrumental Music

**AP:**
Music Theory, Drawing, Art History, Photography, 3-D

**ALSO**

Athletics are required for 2 seasons in 9th-11th grade, 1 season in 12th grade.

**AP:**
Computer Science, Computer Science Principles