



# UPPER SCHOOL Curriculum

2024-2025

	100 LEVEL	200 LEVEL	300 LEVEL	400 LEVEL	500 LEVEL	600 LEVEL
ENGLISH & LANGUAGE ARTS	English 9: Crossing Thresholds: Stories of Orientation and Transformation	English 10: Literary Analysis & Insight		English 11: American Literature: Transcending Self, Asserting Self S2 Choices: Contemporary American Literature & Culture	American Literature & the Past Patterns in American Literature	The Art of Short Fiction Literature of the Black Diaspora The Faust Tradition in Literature Global Literature and Nonfiction Advanced Literary Topics w/ choice of Journalism, Literature Exploration, Creativity, Adaptation
HISTORY AND SOCIAL SCIENCES	The Post-1900 World	United States History United States History Accelerated	Personal Finance	History of St. Louis History & Film Modern Asian History African History The Modern Middle East Ancient Empires Presidential Politics Women in the Modern World	World Religions History of Human Rights & Genocide History of Environmental Conflict History of Race & Sports in Modern America The Civil Rights Movement Sociology World War II	AP United States Government & Politics AP Comparative Government AP European History AP Microeconomics AP Macroeconomics AP Psychology
MATH & COMPUTER SCIENCE	Algebra 1	Integrated Math 1 Integrated Math 1 Accelerated	Integrated Math 2 Integrated Math 2 Accelerated	Integrated Math 3 Applied Precalculus Mobile Applications Development Video Game Design	Calculus with Applications Statistics 1 College Algebra	AP Statistics AP Calculus AB AP Calculus BC Vector Calculus AP Computer Science A Advanced Topics in Computer Science Computer Science Research and Development
WORLD LANGUAGES	Spanish 100 French 100	Spanish 200 Spanish 250  French 200  Mandarin 200  Latin 200	Spanish 300 Spanish 350  French 300  Mandarin 300  Latin 300	Spanish 400 Spanish 450  French 400 Greek  Mandarin 400  Latin 400	Spanish 550  French 550  Mandarin 550	AP Spanish  AP French  AP Mandarin  AP Latin
SCIENCE	Chemical & Physical Systems Chemical & Physical Systems Accelerated	Bio-Chemistry Applications Bio-Chemistry Applications Accelerated Maker Science: Digital Fabrication Maker Science: Problem Solving Kinesiology	Anatomy & Physiology Kinesiology Engineering Electronics & Robotics Environmental Science Human Geography & Sustainable Development Problem Solving in Biology Problem Solving in Chemistry Problem Solving in Physics Science for Competition Forensics Science Aide Biological Design Botany	Modern Physics Neuroscience	Science Seminar: Literacy & Methodology Independent Lab Research: Institutional Research	AP Biology AP Chemistry AP Environmental Science AP Physics C Mechanics AP Physics C Electricity & Magnetism Science in the Field Advanced Physical Chemistry and Research
ARTS	<b>STUDIO ARTS:</b> Architecture Ceramics 1 Design Digital Design DarkRoomPhoto Digital Photo Sculpture 1	CAD/Rendering Ceramics 2 Dark Room Photo Digital Photo Drawing Sculpture 2	Ceramics 3 Painting Photo 3 Sculpture 3 Stagecraft	Advanced Drawing & Painting Ceramics 4 Photo 4 Sculpture 4	Chamber Choir Virtuosi	AP Studio Art: Drawing AP Studio Art: 2-D Design (Photo) AP Studio Art: 3-D Design AP Art History
ALSO	<b>PERFORMING ARTS:</b> Acting 1 Band Choir Orchestra	Acting 2 Band Choir Orchestra	Acting 3 Band Choir Orchestra Video Production	Acting 4 Band Chamber Choir Orchestra Video Production Virtuosi	Independent Study	AP Music Theory Chamber Choir Virtuosi

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.



## UPPER SCHOOL

# Curriculum

GRADES 9-12



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. MICDS provides ample opportunity to pursue passions and interests through a variety of course offerings.

Eliot Summer Academy offers enrichment and advancement in selected disciplines.

For more specific information and course descriptions, please visit our website at [micds.org](http://micds.org).

## MATHEMATICS & COMPUTER SCIENCE

### Required:

Six semesters. Students are strongly encouraged to take math all eight semesters.

### AP Classes:

Statistics, AB Calculus, BC Calculus, Computer Science

## SCIENCE

### Required:

Six semesters required including Chemical and Physical Systems/Accelerated, Biochemistry Applications/Accelerated, third year Problem Solving elective and Environmental Science OR AP Science

### Representative Elective Courses:

Modern Physics, Forensics, Neuroscience, Astronomy  
Year-long Strands: Engineering & Robotics, Human Body, Plant Science, Maker, and Research

### AP Classes:

Biology, Chemistry, Physics C Mechanics, Physics C Electricity & Magnetism, Environmental Science

## ENGLISH

### Required:

Eight semesters: In 9th & 10th grade, the course is taught in common. In grade 11, the course is taught in common the first semester with an elective choice in the second semester. 12th graders choose two electives for the year.

### Representative Elective Courses:

Global Literature, Literature of the Black Diaspora

### AP Classes:

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

## WORLD LANGUAGES

### Required:

Four semesters required with sequential coursework in one World Language through level 300

### AP Classes:

Spanish, French, Latin, Mandarin

## HISTORY & SOCIAL SCIENCES

### Required:

Six semesters: The Post-1900 World, United States History or United States History Accelerated, History of St. Louis, plus one additional semester elective

### Representative Elective Courses:

The Modern Middle East, World War II, Personal Finance, World Religions, Modern Asian History, The Civil Rights Movement

### AP Classes:

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

## THE ARTS

### Required:

A minimum of four semesters required

### Representative Elective Courses:

Acting, Architecture, Band, Ceramics, Choir, Design, Digital Design, Drawing, Orchestra, Painting, Photography, Sculpture

### AP Classes:

Music Theory, Art History, 2-D Design (Photo), 3-D Design, Drawing

## CURRICULUM COLLABORATION LIBRARY, MAKERSPACE, & TECHNOLOGY

The Upper School has a library, makerspace, and technology resources that collaborates with the academic departments in order to enrich and enhance students' learning experience.

The library has a diverse collection of resources to foster lifelong reading, research, and learning. The makerspace and technology resources enhance the curriculum by igniting creativity, critical thinking, collaboration, and problem-solving skills.

## ALSO

- Athletics are required for two seasons in 9th-11th grade, one season in 12th grade.
- Students must complete 45 hours of community service during their four years in the Upper School
- Students are required to complete Winter Term each school year they are enrolled and it is offered.
- Students are required to take advisory each semester of high school.