



## STEM EDUCATION

### STEM I Foundation

### STEM II Applications

### STEM III: STEM in Context

### STEM Practicum

#### 9th

English I

Geometry or Algebra I

Biology or Physical Science

World History

#### \*STEM I Foundation

Lifetime Wellness

Fine Art

#### 10th

English II

Algebra II or Geometry

Chemistry or Biology

Foreign Language I

#### \*STEM II Applications

Government & PE I

Elective

#### 11th

English III or AP Language

Pre-Calculus or Algebra II

Physics, DE Biology, or Chemistry

US History

#### \*STEM III: STEM in Context

Foreign Language II

Elective

#### 12th

English IV or AP Literature

Upper Level Math

Upper Level Science

Economics/Personal Finance

#### \*STEM Practicum

Electives (2)

## MECHATRONICS

### STEM I Foundation

### STEM II Applications

### Mechatronics I

### Mechatronics II

#### 9th

English I

Geometry or Algebra I

Biology or Physical Science

World History

#### \*STEM I Foundation

Lifetime Wellness

Fine Art

#### 10th

English II

Algebra II or Geometry

Chemistry or Biology

Foreign Language I

#### \*STEM II Applications

Government & PE I

Elective

#### 11th

English III or AP Language

Pre-Calculus or Algebra II

Physics, DE Biology, or Chemistry

US History

#### \*Mechatronics I (2)

Foreign Language II

#### 12th

English IV or AP Literature

Upper Level Math

Upper Level Science

Economics/Personal Finance

#### \*Mechatronics II (2)

Elective

For more information, visit <http://www.cmcss.net/academies>

When available, students who qualify may opt to take honors, AP, dual enrollment or dual credit classes rather than the general education courses listed in the pathways above. Students may substitute three years of JROTC for wellness, PE, and Government credits.