



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

Pre-Calculus or Algebra II

Physics, DE Biology, or Chemistry

US History

*STEM III: STEM in Context

Foreign Language II

Elective

12th

English IV

AP Calculus or Statistics

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

Pre-Calculus or Algebra II

Physics, DE Biology, or Chemistry

US History

*Mechatronics I (2)

Foreign Language II

12th

English IV

AP Calculus or Statistics

Upper Level Science

Economics/Personal Finance

*Mechatronics II (2)

Elective

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

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.