



COMPUTER INFORMATION: CODING AND CYBERSECURITY

Computer Science Foundations
Coding I or Cybersecurity I
Coding II or Cybersecurity II
Mobile App Development /or Career Practicum

9th

English I
Algebra I
Physical Science
World History
***Computer Science Foundations**
Lifetime Wellness or JROTC I
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/PE or JROTC II
***Coding I or Cybersecurity I**
Fine Art

11th

English III
Algebra II
Chemistry
U.S. History
Foreign Language II
***Coding II or Cybersecurity II**
Elective

12th

English IV
Senior Math
Personal Finance /Econ
***Mobile App Development/or Career Practicum**
Electives (3)

TECHNOLOGY: ROBOTICS AND ENGINEERING

Principles of Engineering & Technology
Digital Electronics
Robotics & Automated Systems
Career Practicum

9th

English I
Algebra I
Physical Science
World History
***Principles of Engineering & Technology**
Lifetime Wellness or JROTC I
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/PE or JROTC II
***Digital Electronics**
Fine Art

11th

English III
Algebra II
Chemistry
US History
Foreign Language II
***Robotics & Automated Systems** Elective

12th

English IV
Senior Math
Personal Finance /Econ
***Career Practicum**
Electives (3)

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.