MCPS GOVERNOR’S STEM ACADEMY

PATHWAYS AT EMHS

STEM: Engineering and Technology (PLTW)
- Introduction to Engineering Design, DE
- Principles of Engineering, DE
- Computer Integrated Manufacturing, DE
- Architecture and Civil Engineering

STEM: Engineering and Technology (Technical Drawing & Design)
- Technical Drawing and Design
- Engineering Drawing and Design, DE
- Architectural Drawing and Design
- Advanced Drawing and Design, DE (optional)

Information Technology: Information Support Services
- Computer Information Systems, DE
- Advanced Computer Information Systems

Information Technology: Web and Digital Communications
- Design, Multimedia, and Web Technologies
- Advanced Design, Multimedia, and Web Technologies

Architecture and Construction: Construction
- Construction Technology
- Materials and Processes

or
- Cabinetmaking I
- Cabinetmaking II
COURSES THAT CAN BE TAKEN AT CHS

Information Technology: Information Support and Services
- Computer Systems Technology I
- Computer Systems Technology II
- Computer Maintenance (optional)

Manufacturing: Production
- Precision Machining, DE
- Precision Machining II, DE
  or
- Welding I, DE
- Welding II, DE

Robotics (General Elective)
- Robotics I
- Robotics II
- Robotics III