



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