



MCPS GOVERNOR'S STEM ACADEMY

PATHWAYS AT CHS

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)

Manufacturing: Manufacturing Production

- Precision Machining I, DE
- Precision Machining II, DE

or

- Welding I, DE
- Welding II, DE

Information Technology: Programming and Software Development (Computer Programming)

- Programming
- Advanced Programming

Information Technology: Information Support and Services

- Computer Information Systems, DE
- Advanced Computer Information Systems

Information Technology: Information Support Services

- Computer Systems Technology I
- Computer Systems Technology II
- Computer Maintenance (Optional)
- Information Technology Fundamentals

Information Technology: Web and Digital Communications

- Design, Multimedia, and Web Technologies
- Advanced Design, Multimedia, and Web Technologies

Information Technologies Network Systems

- Computer Network Software Operations I
- Computer Network Software Operations II

Architecture and Construction: Construction

- Construction Technology
- Materials and Processes

or

- Carpentry I
- Carpentry II
- Carpentry III

or

- Cabinetmaking I
- Cabinetmaking II

Principals of Technology/Applied Physics

- Principals of Technology/Applied Physics I
- Principals of Technology/Applied Physics II

Robotics (General Elective)

- Robotics I
- Robotics II
- Robotics III