MTCHS Areas of Focus

Course Sequence

Class Progression

Freshman
- Exposure to Technical Areas
- Intro to Work and Careers
- Technical Certifications

Sophomore
- Focused Technical Training
- Intro to Business
- Technical Certifications

Junior
- Focused Technical Training
- Intro to Business and Employment
- Technical Certifications
- Dual Credit

Senior
- Deep Technical Training or Business and Entrepreneurship
- 280 Hour Internship
- Technical Certifications
- Dual Credit
- Technical Competency Credit

Senior Focus Areas

Software
- Object Oriented Programming
- Database Design
- Software Applications

Web
- Web Design & Development
- Web Site Maintenance
- Web Applications

Electronic
- Electronic Assembly & Repair
- CAD
- Microcontrollers

Business
- Business Communication
- Customer Service
- Project Management
- Microsoft Office
- Entrepreneurship (Senior Year)

Computer
- Computer Repair
- Tech Support
- Installation & Maintenance

Media
- Graphic Design
- Web Design
- Video Production
- Motion Graphics

Network
- Network Support
- Network Systems
- Network Security
- Cybersecurity

Freshman Technology Training

In Freshman Year you will cover multiple technical topics with several different teachers.

At the end of the year you will apply to one of the technical focus areas. The teachers will evaluate your performance and determine your eligibility.

Topics Covered:

- Web Design
- Computer Basics
- Cybersecurity
- Electronics
- Video Editing
- Graphic Design
- Programming
- Word Processing
- Spreadsheets
- Presentations
- Email
- Data
- Networking
- Principles of Design

Resources

Explore more including student work

https://www.mtchs.org/purpose/

More detailed information about the Technical Focus Areas

https://www.mtchs.org/techareas/