

MTCHS: Areas of Focus



MTCHS offers multiple areas of focus relating to technology to choose from while learning here.

Design, Code, Fix, Engineer, Manage & Support...

Computer



Media



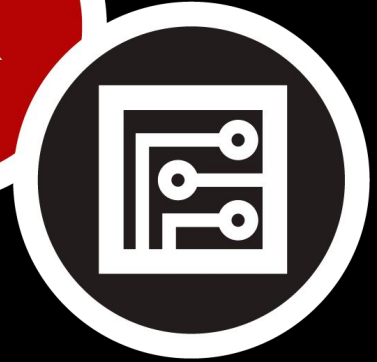
Software



Network



Web



Electronic

Technologies



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

Class Progression

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

Freshman

- Focused Technical Training
- Intro to Business
- Technical Certifications

Sophomore

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

Junior

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

Senior



Freshman Computer / Internet Core Class

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.

CIC Topics Covered:

- Computer Software
- Hardware
- Operating Systems
- Virtual Machines
- Security
- Netiquette
- Internet Search
- Word Processing
- Spreadsheets
- Presentations
- Email
- Databases
- Problem Solving
- Data Analysis
- Introduction to Programming
- Website Building
- Web pages / Design Basics

Resources

View our Technical Focus Areas Map with Grade Levels

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

View the Common Projects for each Senior Internship Focus Areas

<https://www.mtchs.org/wp-uploads/DocumentsAndForms/MTCHS-Internship-Projects-and-Task.pdf>

Explore more

<https://www.mtchs.org/our-mission-vision/technical-areas/>

Questions?



MITCHS