



## CAREER & TECHNICAL EDUCATION INFORMATION TECHNOLOGY

In the Information Technology Pathway, students will gain advanced knowledge and skills to succeed in a technology-driven society. Students will learn fundamental concepts for IT and how to effectively build and manage a variety of products, services and systems.

This is an excellent pathway for students who enjoy problem-solving and coming up with unique and creative solutions.

### CAREERS IN INFORMATION TECHNOLOGY

#### TECHNICAL CAREERS

*(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)*

Robotics Technician  
Network Troubleshooter  
Systems Coordinator  
Data Center Technician  
Assistant Network Administrator

#### PROFESSIONAL CAREERS

*(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)*

Computer Hardware Engineer  
Information Systems Manager  
Robotics Engineer  
Chief Information Security Officer  
IT Project Manager

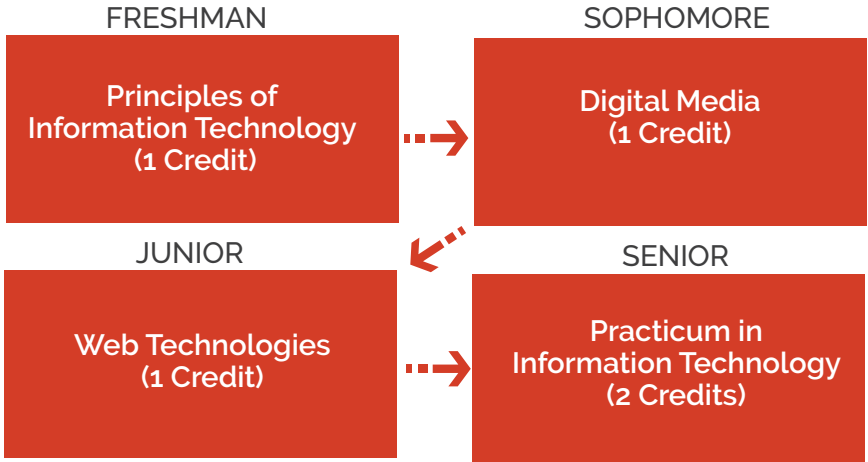
# INFORMATION TECHNOLOGY

## COURSE SEQUENCE

CLUSTER: Information Technology

CAMPUS: MHS & MHHS

ENDORSEMENT: Business & Industry



### ADDITIONAL COURSE OPTIONS

- Digital Media (1 credit)
- Graphic Design (1 credit)
- BIM (1 credit)
- Virtual Business (0.5 credit)
- HR Management (0.5 credit)
- Advertising (0.5 credit)
- Social Media Marketing (0.5 credit)
- Entrepreneurship (1 credit)
- \*Business English (1 credit)
- \*Political Science (1 credit)
- \*Financial Math (1 credit)
- \*Forensic Science (1 credit)
- \*Medical Microbiology (1 credit)
- Professional Communications (0.5 credit)

\*Course also fulfills graduation requirement for English, Math, Science, Social Studies or Fine Arts.