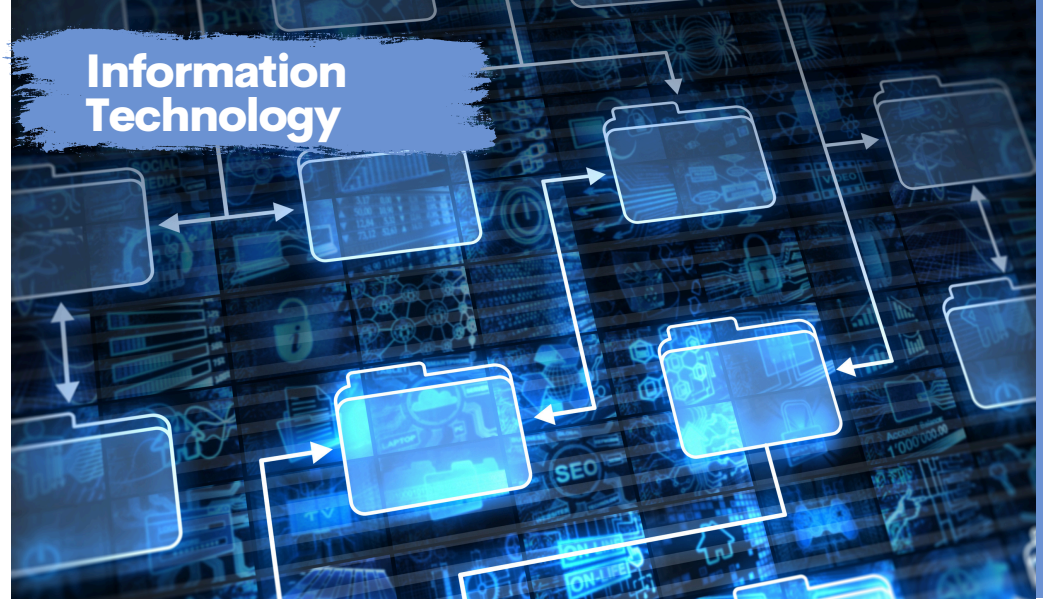


Networking Systems

Business & Industry Endorsement

The Networking Systems program of study focuses on occupations and educational opportunities associated with designing and implementing computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. This program of study includes analysis of data processing challenges to implementing and improving computer systems.

Level I Course



Principles of Information Technology

Level 2 Course



Computer Maintenance w/Lab

Entrepreneurship I

Level 3 Course



Networking w/Lab

Level 4 Course



Practicum of Entrepreneurship

Industry Based Certifications:

- Cybersecurity Fundamentals
- Comp TIA IT Fundamentals
- CompTIA A+ (1101 & 1102)
- Comp TIA Network

Recommended Course Sequence:

9th grade
Principles of Information Technology

10th grade
Computer Maintenance w/Lab &/or Entrepreneurship I

11th grade
Networking w/Lab

12th grade
Practicum of Entrepreneurship

Postsecondary Opportunities:

Associate Degree:
Computer Systems Networking and Telecommunications
Networking and System Administration

Bachelor's Degree:
Computer & Information Sciences
Information Technology

Masters, Doctoral, & Professional Degrees:
Computer Science
Information Technology

Example Aligned Occupations:

- Computer Network Support Specialist
- Computer Systems Analysts
- Network & Computer Systems Administrators

For detailed course descriptions see the Course Selection Handbook.