

CYBERSECURITY & NETWORKING TECHNOLOGY



GO BEYOND the CLASSROOM

This program is structured to prepare students for the workforce and for post-secondary education, allowing students to get hands-on experience through structured and diverse learning.

WHAT THIS CURRICULUM TEACHES

- Computer hardware systems and security
- Securing networks and operating systems
- Components of cybersecurity and security of network infrastructure
- The process of systematic defense

COURSE DETAILS

- How to install, repair & troubleshoot computer hardware systems
- Preventative maintenance and hardware security
- Security networks and operating systems - including cryptography, security architecture, firewalls, VPNs
- Preventing, detecting and mitigating vulnerabilities and attacks
- Examine and implement security safeguards for desktop, network and application security
- Project and problem based learning

Students may qualify for articulated college credit.

BEGIN THE PATHWAY FOR THE FASTEST GROWING CAREERS

IT & CYBERSECURITY CAREERS OUTLOOK

- Higher than average projected employment growth
 - 32% in cybersecurity
 - 10% Computer Support Specialist
 - 5% as a Network Analyst
- Median salary for entry level jobs in networking or cybersecurity \$50,000+ per year
- College Bound: A cybersecurity degree is intended to equip you with the knowledge and skills to defend computer operating systems, networks and data from cyber attacks. Although it incorporates theoretical concepts, it's a technical degree -- having technical knowledge is key
- Must have's for this career path include: Continual learner; Persistence; Attention to detail; Curiosity; Instinctive; Well rounded skill set

CAREER PATHWAYS

This is the program for you if you want to work as a:

- Computer Support Specialist
- Customer Support Representative
- Network Installer
- Network Technician
- Router/switch Support Person
- Computer Repair Person

With further education or training you can become a/an:

- Information Security Analyst
- Network Administrator
- Computer Network Architect
- Network Analyst
- Network and Computer Systems Administrator

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