

Cybersecurity Operations

(Hampton Campus) Course #
Information Technology Cluster
One Year Program



About the program:

Designed to teach network administration & security- software based. Students install, configure, and secure various operating systems. Students will troubleshoot computers, and use system tools & diagnostic software. In addition, students explore the relationships between internal & external computer components. Students will train in procedures for optimizing & troubleshooting concepts for computer systems, subsystems, and networks. Students will gain a basic understanding of emerging technologies including unified communications, mobile, cloud, & virtualization technologies.

Class offered at the Butler Farm Campus ONLY
AM & PM Sessions Available

Requirements/Expectations:

- Minimum 2.5 GPA or above
- Completion of a computer applications course
- Completion of Algebra I with a grade of "C" or better
- Troubleshooting and complex problem-solving skills

Topics of study:

- Ethical Behavior & Hacking
- Vulnerabilities & Threats
- Operating Systems
- Network Design & Security
- Penetration Testing

Certifications:

- NOCTI Cybersecurity
- Security+
- IT Specialist Cybersecurity

Career Pathways:

- Network Administration
- Network Technician
- Junior Penetration Tester
- Cybersecurity Analyst