

Cybersecurity Systems Technology

(Newport News Campus) Course #
Information Technology Cluster
One Year Program



About the program:

Designed to teach about computer and troubleshooting networks- hardware 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 Woodside Lane Campus
ONLY AM Session Available

Topics of study:

- Ethical Behavior
- Troubleshooting Hardware, Software, and Networking
- Networking
- Mobile Devices
- Operating Systems
- Network Design & Security
- Network Architecture

Certifications:

- CompTIA A+
- Comp TIA ITF+
- IT Specialist Device Configuration & Management

Requirements/Expectations:

- Completed a computer applications course
- Completed Algebra I with a grade of "C" or better
- Read & comprehend complex technological resources & materials
- Troubleshooting & complex problem solving

Career Pathways:

- Network Administration
- Network Engineer
- Help Desk Technician
- Web Design
- Telecommunication Technician
- Entry Level Cybersecurity Analyst