

# CYBERSECURITY FUNDAMENTALS CERTIFICATE

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This Cybersecurity Fundamentals certificate prepares IT professionals and IT students for a career in IT infrastructure covering troubleshooting, configuring, and managing networks, hardware, and software. This certificate also introduces students to the information needed for securing organizational data and network infrastructure against digital threats. This certificate will start students on the path of earning the industry-recognized CompTIA A+, Network+, and Security+ credentials.

## Cybersecurity Fundamentals Highlights

- Prepares students to sit for Industry Certifications in the following courses
  1. CompTIA A+ (CPT 1605)
  2. CompTIA Network+ (CPT 2020)
  3. CompTIA Security+ (CPT 1950)
- Financial aid eligible for those who qualify
- Completed in two terms
- 100% online

## Program Learning Outcomes

Upon completion, the student will be able to:

1. Perform installation, maintenance, and troubleshooting processes for most devices.
2. Summarize physical security and common attacks while securing the wired and wireless networks.
3. Perform installation, configuration, and troubleshooting of common network devices.
4. Perform threat analysis and respond with appropriate mitigation techniques.

### Technical Standards

See here for details.

First Semester		Hours
CPT 1605	IT Essentials	3
CPT 1940	Introduction to Cybersecurity	3
<b>Term Hours</b>		<b>6</b>
Second Semester		Hours
CPT 2020	Network Administration	6
CPT 1950	Security Awareness	3
CPT 1970	Cybersecurity Applications	1
<b>Term Hours</b>		<b>10</b>
<b>Total Hours</b>		<b>16</b>