



Cybersecurity

To Enroll in our
IT Programs

www.phoenixcollege.edu/iti

Secure your future!

Do you love the idea of investigating and securing networks, systems and devices? The Cybersecurity Program focuses on skills required to protect, and identify, vulnerabilities in a network. This program will develop your understanding of the theoretical, legal, ethical and practical skills needed to maintain security on various technologies.

This program prepares students for the following certification(s):

- CompTIA Network+
- CompTIA Security+
- CompTIA Linux+
- Ethical Hacking Associate (E|HA)
- Linux Essentials
- Linux Professional Institute Certification (LPIC-1)
- Microsoft 365 Certified: Modern Desktop Administrator Associate

To Customize
IT Training
Solutions for
Employees

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Dean of Industry &
Public Service

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Phoenix College
IT INSTITUTE

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Cybersecurity

Certificates

CCL-5154: Cybersecurity Fundamentals (24 Credits)

- CIS105 Survey of Computer Information Systems
- CIS111: Ethics in Info. Tech.
- CIS126DL: Linux Operating System
- CIS156: Python Programming
- MST150++: Any Microsoft Windows Course or BPC270: A+ Exam Prep: OS Configuration and Support
- CIS190: Introduction to Local Area Networks
- CIS270: Essentials of Network and Information Security
- ITS240: Ethical Hacking and Network Defense (Available Spring 2021)

CCL-5149: Cyber Engineering (39 Credits)

- The courses in CCL-5154
- CIS162++: Any C Programming: Level I Course
- CIS227: Assembly Language (Available Spring 2021)
- CIS238DL: Linux System Administration
- CIS262++: Any C Programming: Level II course
- CIS276++: Any SQL Database course

Degree

Cybersecurity: AAS-3197

Required: (Gives you CCL-5154 in Cybersecurity Fundamentals):

- CIS105 Survey of Computer Information Systems
- CIS111: Ethics in Info. Technology
- CIS126DL: Linux Operating System
- CIS156: Python Programming: Level I
- CIS190: Intro. to Local Area Networks
- CIS270: Essentials of Network and Info. Security
- ITS240: Ethical Hacking and Network Defense
- MST150++: Any Microsoft Windows Course or BPC270: A+ Exam Prep: OS Configuration and Support

(CCL-5154 in Cybersecurity is embedded in this degree program)

Restricted Electives (Choose one of the following Specializations):

- CCL-5052N: Linux System Administration
- CCL-5031: Microsoft System Administration
- CCL-5149: Cyber Engineering

General Education:

- ENG101 or ENG107
- ENG102 or ENG108
- COM100, 110, 225, or 230
- CRE101 (0-3 credits)
- MAT140 or Higher (3-5 credits)
- Any HU Class
- Any SB Class
- Any SG or SQ Science (4 credits)

Where should I start if I am new to IT?

- CIS105 Survey of Computer Info. Systems
- CIS133DA: Web Development-Level I

Notes:

1. These programs are effective Fall 2020.
2. All Classes are 3 credits unless otherwise noted.