

Cybersecurity Fundamentals Certificate

Course Order:

Level-Up Sessions and Course Connect are available through all courses.

1. Orientation

2. Network and Security - Applications

3. Cloud Network Security Models

Term Length: 3 months

This Finish Fast Checklist is designed to help you stay on track, remain focused, and complete your program on time. To keep yourself motivated, post it where you'll see it daily.

These 2 courses will help you develop complementary skills related to private, public, and hybrid cloud security. Along the way, you will earn 8 competency units by completing each of the following assessments.

- 1** Final Exam
- 1** Industry Certification
- 1** Final Project

Orientation

Our Ready for Success course will help you understand the terms, tools, and teams available to support your learning journey. It's the first step to complete before beginning your certificate coursework.

Level-Up Sessions

Here is an opportunity to connect with your peers and a professional Student Success Coach. You're invited to join Level-Up sessions, designed to help you stay focused on your goals. **We encourage you to attend!** Be sure to check your email for details and links.

Career Services

Ready for the next step in your career? Take advantage of our on-demand career support options via our online tutoring service. These include:

- [Interview Prep](#)
- [Job Search and Application Support](#)
- [Resume Help](#)

Certificate Connect

Don't miss the Certificate Connect, where you will find additional resources, such as videos, tips and tricks, and/or other tools to support your learning journey. There, you can also interact with students enrolled in this program.

Courses



Network and Security - Applications

4 Competency Units

SKILLS:

- Threat Assessment
- Penetration Testing
- Cybersecurity
- Security Analysis
- Network Security
- Cryptography
- Information Security Management
- Access Controls
- Identity and Access Management
- Infrastructure as a Service (IaaS)
- Business Continuity Planning

- Telecommunications
- Cloud Computing Security
- Computer Hardware
- Encryption
- Wireless Network Security
- Computer Forensics
- Risk Management
- Incident Response
- Data Security
- Corporate Governance
- Information Systems Security
- Regulatory Compliance

LEARNING ACTIVITIES:

- ◆ Curated Readings
- ◆ Videos
- ◆ Assisted Labs
- ◆ Final Exam



Cloud and Network Security Models

4 Competency Units

SKILLS:

- Security Administration
- Cloud Computing Security
- Network Architecture
- Networking Basics
- Cloud Computing Architecture
- Network Security
- Information Systems Security

LEARNING ACTIVITIES:

- ◆ Curated Readings
- ◆ Videos
- ◆ Knowledge Checks
- ◆ Real-Life Scenarios
- ◆ Final Project
- ◆ Final Exam