Cybersecurity-Path

https://skillsforall.com/career-path/cybersecurity (160 h)

1. Course: Introduction to Cybersecurity (6 h)

- The need for cybersecurity
- Attacks, concepts and techniques
- Protecting your data and privacy
- Protecting the organization
- Will your future be in cybersecurity

Video: A Future-Proof Career (30 min)

- How cybersecurity is a future-proof career.

Video: The Cybersecurity Threat Landscape (21 min)

- How attackers keep upping their game and how Cisco responds. Offers a good description of types of jobs in the field of cybersecurity.

Video: The Anatomy of an Attacker (24 min)

- Offers defender's point of view and why a "Defense in Depth" layer approach is best.

2. Course: Networking Basics (25 h)

- Build a Small Network
- Network Access
- The Internet Protocol
- Communication Between Networks
- Network Protocols

3. Course: Networking Devices and Initial Configuration (25 h)

- Protocols and Number Systems
- Network Access
- Services and the Transport Layer
- Configure Cisco Devices

4. Course: Endpoint Security (40 h)

- Network Security Basics
- Operating System and Endpoint Security

5. Course: Network Defense (40 h)

- Network Defense

- Firewalls and Cloud Security
- Security Alerts

6. Course: Cyber Threat Management (20 h)

- Vulnerability Assessment and Risk Management
- Incident Response

Exam: Cybersecurity Pathway Exam (50 Questions)

Certiport-Certification: IT Specialist - Cybersecurity