Technical Introduction to Cybersecurity

In this course, you will learn about the basics of cybersecurity. This course is designed as an entry point for anyone who is new to the cybersecurity field and interested in pursuing a career in IT, technology management, or cybersecurity. This course introduces you to cybersecurity concepts and technology, which you can then build on to explore more advanced topics related to these career paths.

Course Duration

- Total course duration (estimated): 7 hours

Who Should Attend

Anyone who is interested in the more technical aspects of cybersecurity and are pursuing a career in IT or network security should attend this course.

Certification

Upon completion of this course on the Fortinet Training Institute, you will obtain the **Technical Introduction to Cybersecurity** exam badge. This exam is part of the Fortinet Certified Fundamentals - Cybersecurity certification track.

Prerequisites

It is recommended that you complete the Fortinet Certified Fundamentals - Cybersecurity course *Introduction to the Threat Landscape* before starting this course.

If you are unfamiliar with basic computer networking, it is also recommended that you take the *Networking Fundamentals* course before starting this course.

Agenda

1. Cryptography and PKI
2. Secure Network
3. Authentication and Access Control
4. Secure Remote Access
5. Endpoint Security
6. Secure Data and Applications
7. Cloud Security and Virtualization

Objectives

After completing this course, you will be able to:

- Describe the terminology and concepts used in cybersecurity
- Explain how to secure a network using cryptography and effective endpoint security
- List ways to secure any type of endpoint using authentication and host hardening techniques
- Explain how secure network models and technologies like SD-WAN and SASE can enhance cybersecurity
- Describe the differences involved in securing physical on-premises, virtual, and cloud computing networks and endpoints

Training Delivery Options

Self-Paced Training

Includes online training videos and resources through the Fortinet Training Institute library, free of charge.

Program Policies and FAQs

For questions about courses, certification, or training products, refer to Program Policy Guidelines or Frequently Asked Questions.