

Cyber Security Awareness

Security Awareness (Fourth Edition)

Course Specifications

Course number: 085175

Course length: 1.0 day(s)

Course Description

Course Objective: You will identify and apply security techniques.

Target Student: This course is intended for end users who use computers at home or in the office.

Prerequisites: Students should understand fundamental computer concepts, such as how to run applications, manage files, and use a web browser.

Course Objectives

Upon successful completion of this course, students will be able to:

- describe the importance of securing information.
- identify the different ways to guard yourself against social engineering exploits.
- describe the security practices related to computers, mobile devices, networks, and the Internet.
- maintain the security of the files and folders stored on your computing devices.
- identify and protect information against risks associated with the cyber world.
- identify potential security incidents, ways to respond in the event of a possible breach, and measures to prevent a security breach.
- identify methods to keep the cloud and virtualized environments secured.

Course Content

Lesson 1: Securing Information

Topic 1A: Examine Information Security

Topic 1B: Implement Physical Security Measures

Topic 1C: Examine Cyber Security

Lesson 2: Guarding Against Social Engineering Exploits

Topic 2A: Identify Social Engineering Exploits

Topic 2B: Counteract Social Engineering Exploits

Topic 2C: Evolve Social Engineering Organization Policies



Lesson 3: Identifying Security Measures

Topic 3A: Strengthen Desktop Security

Topic 3B: Strengthen Software Security

Topic 3C: Strengthen Browser Security

Topic 3D: Strengthen Network Security

Topic 3E: Secure Wireless Networks

Topic 3F: Strengthen Mobile Security

Lesson 4: Maintaining File System Security

Topic 4A: Implement File System Security in Windows 7

Topic 4B: Back Up and Restore Data

Topic 4C: Dispose of Data Securely

Lesson 5: Guarding Against Attacks

Topic 5A: Protect a Computer from Security Threats

Topic 5B: Protect Computers from Virus Attacks

Topic 5C: Protect Computers from Social Network Threats

Lesson 6: Handling Security Breaches

Topic 6A: Identify Incidents

Topic 6B: Respond to Incidents

Lesson 7: Identifying Cloud Computing And Virtualization Security Methods

Topic 7A: Fundamentals of Cloud Computing

Topic 7B: Fundamentals of Virtualization

Appendix A: Security and Privacy Regulations

