Security Awareness

Days: 1

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.

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

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