CyberSAFE® (Exam CBS-510): Cyber Safety in the Age of AI

Course Number:

CNX0024

Course Length:

1/2 day

Overview:

Every time you check email, log into a cloud app, or perform any number of job tasks using technology, you're a potential target for cyber threats—and a critical line of defense.

This course empowers everyday technology users like you with the awareness and habits needed to protect yourself and your organization from these threats. You'll learn how to recognize threats, avoid common traps, and use today's digital tools—including artificial intelligence (AI)—more safely.

Whether you're in the office, at home, or on the move, you'll walk away from this course with the confidence to use technology more securely. And, you'll have the knowledge and skills to contribute to a strong culture of cybersecurity wherever you work.

Course Objectives:

In this course, you will identify many of the common risks involved in using computing technology, as well as ways to use it safely, to protect yourself from those risks. You will:

- Use technology, including generative artificial intelligence (AI), responsibly.
- Resist social-engineering attacks.
- Secure devices such as desktops, laptops, tablets, smartphones, and more.
- Use the Internet securely.

Target Student:

This course is designed for all users of computers, mobile devices, networks, and the Internet, to enable them to use technology more securely and minimize digital risks, regardless of technical ability.

This course is also designed to assist students in preparing for the CertNexus® CyberSAFE® (Exam CBS-510): Cyber Safety in the Age of AI credential.

Prerequisites:

To ensure your success in this course, you should have experience with the basic use of computing technology, including desktop, laptop, or tablet computers; mobile phones; and basic Internet functions, such as web browsing and email.

Course Content

Lesson 1: Using Technology Responsibly

- Topic A: Follow Compliance Requirements
- Topic B: Use Generative AI Safely

Lesson 2: Resisting Social-Engineering Attacks

- Topic A: Identify Social-Engineering Attacks
- Topic B: Defend Against Social-Engineering Attacks

Lesson 3: Securing Devices

- Topic A: Maintain Physical Security of Devices
- Topic B: Use Wireless Devices Securely
- Topic C: Use Secure Authentication Methods
- Topic D: Protect Data
- Topic E: Defend Against Malware

Lesson 4: Using the Internet Securely

- Topic A: Use Email Securely
- Topic B: Browse the Web Safely
- Topic C: Use Social Networks Securely
- Topic D: Use Cloud Services Securely
- Topic E: Ensure the Security of Remote Work