



Course: **Cybersecurity for Business Professionals**

Contact Hours: **21**

Pre-requisite: **N/A**

Abstract

This introductory course takes you inside the world of cybersecurity. You will learn cybersecurity basics to protect your personal digital life and gain insights into the biggest security challenges companies, governments, and educational institutions face today. Cybersecurity professionals who can protect and defend an organization's network are in high demand.

Cybersecurity is the protection of internet-connected systems such as hardware, software and data from cyber-threats. The practice is used by individuals and enterprises to protect against unauthorized access to data centers and other computerized systems.

Cyber-attacks come in many shapes and sizes, but the vast majority are very basic in nature, carried out by relatively unskilled individuals. Learn how to protect yourself at home and in the organization by creating an understanding in the basics of cybersecurity.

Target Audience

- Student
- Business Professionals
- Security Engineer / Consultant / Specialist
- Persons who would like to start a career in cybersecurity

Learning Outcomes

On completion of this course, learners will be able to:

1. Understand What is Cybersecurity
2. Understand Attacks, Concepts and Techniques
3. Protect your Data and Privacy
4. Protect the Organization
5. Will Your Future Be in Cybersecurity?

Course Content

1. Introduction to Cybersecurity

- a. The World of Cybersecurity
- b. Organizational Data
- c. What Was Taken?
- d. Cyber Attackers
- e. Cyberwarfare

2. Attacks, Concepts and Techniques

- a. Analyzing a Cyber Attack
- b. Methods of Infiltration
- c. Security Vulnerability and Exploits
- d. The Cybersecurity Landscape

3. Protecting your Data and Privacy

- a. Protecting Your Devices and Network
- b. Data Maintenance
- c. Who Owns Your Data?
- d. Safeguarding Your Online Privacy
- e. Discover Your Own Risky Online Behavior

4. Protecting the Organization

- a. Cybersecurity Devices and Technologies
- b. Behavior Approach to Cybersecurity
- c. Cisco's Approach to Cybersecurity

5. Will Your Future Be in Cybersecurity

- a. Legal and Ethical Issues
- b. Education and Careers