DCT END-USER CYBERSECURITY AWARENESS

Duration: 2 Days

COURSE CODE: DCT - INFR - EU-CA

Overview

Designed to give learners an understanding of how to secure their data and devices while using organizational or personal resources.

Introduction to Cybersecurity
- What is Cybersecurity?
- Understanding the Security Triangle:
- Confidentiality, Integrity, Availability
- Non-Repudiation
- A look at major Data Breaches across the globe and their impacts

Common forms of security breaches
- Social engineering
- Password breaches
- Phishing
- Malware breaches, Ransomware, Spyware, and viruses
- Insider threats
- Identity Theft

Legal, ethical, and professional practices
- Cyber Security laws
- Data protection Laws
- Legal liability
- Security policies in organizations

Indicators of Compromise
- Detecting breaches
- Reporting breaches

Setting up your cyber security
- Password Security
- Physical Security
- Data protection on decommissioned devices
- Data Backup
- Security on wireless Networks
- Mobile devices security
- Family Online Safety and Parental Control

Certified in Cybersecurity
Course outline

- **Chapter 1: Security Principles**
  - Module 1: Understand the Security Concepts of Information Assurance
  - Module 2: Understand the Risk Management Process
  - Module 3: Understand Security Controls
  - Module 4: Understand Governance Elements and Processes
  - Module 5: Understand (ISC)² Code of Ethics

- **Chapter 2: Incident Response, Business Continuity and Disaster Recovery Concepts**
  - Module 1: Understand Incident Response
  - Module 2: Understand Business Continuity
  - Module 3: Understand Disaster Recovery

- **Chapter 3: Access Controls Concepts**
  - Module 1: Understand Access Control Concepts Module 2: Understand Physical Access Controls
  - Module 3: Understand Logical Access Controls

- **Chapter 4: Network Security**
  - Module 1: Understand Computer Networking
  - Module 2: Understand Network (Cyber) Threats and Attacks
  - Module 3: Understand Network Security Infrastructure

- **Chapter 5: Security Operations**
  - Module 1: Understand Data Security
  - Module 2: Understand System Hardening
  - Module 3: Understand Best Practice Security Policies
  - Module 4: Understand Security Awareness Training