

DCT END-USER CYBERSECURITY AWARENESS

Duration: 2 Days

Course Code: DCT - DS - EU-CA

Overview:

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

Students Will Learn

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

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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