

# 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.

## 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

# DCT END-USER CYBERSECURITY AWARENESS

Duration: 2 Days

Course Code: DCT - INFR - EU-CA

## 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)<sup>2</sup> 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