



Information Security Foundation

Course Title: Information Security Foundation

Duration: 3 days, 24 Hrs

Class Format Options:

Instructor-Led Training/
Classroom

Who Should Attend:

- All employees of any organization should attend.
- Managers and section heads in order to guide their employee for following security best practices.
- IT staff dealing with sensitive information/
Employees interested in exploring the information security field.

Exam cost:

50 USD via IT Security C&T

Course Overview

Our Information Security Foundation course is the basis of all advanced information security training. It provides attendees with the foundation knowledge they need in Information Security.

This training is beneficial as an awareness session for General users as well as IT personnel and Management. By taking this training, individuals will get the chance to expand their knowledge of information assets and information security threats surrounding them. It is highly recommended that all information users know and get familiar with security concepts, terminologies, and best practices to effectively secure the enterprise network.

This course will also highlight the importance of security policies and procedures for the organization in this new era. Identifying information security controls to maintain and enhance the security posture of any organization is important to enhance the service provided to users and customers. Therefore by increasing the information security knowledge, users shall have better control over the information as-sets and how to deal with possible threats and vulnerabilities.

Upon Completion

- What are the information assets in every organization and what are the best practices to secure them.
- Understand the information Security elements; Confidentiality, Integrity and Avail-ability (CIA).
- Controlling access to valuable information assets and types of controls.
- How to develop an effective information security policy.
- Type of threats exposed to.
- Identification of vulnerabilities in the organization.
- Best practices and methodologies to control risks.

Course Content

Module 1: Information Security Governance, Risk, and Compliance Foundations

- **Information Security Governance**
 - a) Fundamental principles of information security.
 - b) Information security life cycle management.
 - c) Information Security Program Foundations.
 - d) Information Classification.
 - e) Information Security Policies, Procedures, and Guidelines.

- **Risk management**
 - f) Risk Concepts
 - g) Assessing security risks
 - h) Risk analysis
 - i) Mitigating security risks
 - j) Types of threats
 - k) Types of damage
 - l) Types of risk strategies
 - m) Guidelines for implementing security measures

- **Information Security Compliance**

Module 2: Technical Information Security Foundations

- Computerized information systems
- Information security Threats and Counter measures
- Logical Access Control
- Cryptography
- Security of system files

Module 3: Physical Security Measures

- Introduction
- Physical security
- Defense in Depth
- Building Security
- The working space
- Fire Detection and Protection