

ISACA Cybersecurity Fundamentals – ITCA

Course Duration : 32 Hours

Course code : ITCA-CSF

1. Course Overview

The ISACA Networks and Infrastructure Fundamentals – ITCA course provides essential knowledge of networking concepts, IT infrastructure components, and enterprise connectivity. This course is designed for beginners and entry-level professionals who want to understand how networks, servers, storage, and cloud infrastructure support modern business operations. Learners gain practical insight into network design, infrastructure management, and security fundamentals.

2. What you'll learn?

- Core cybersecurity concepts and terminology
- Common cyber threats, attacks, and vulnerabilities
- Fundamentals of network and system security
- Security controls, policies, and best practices
- Basics of risk management and compliance
- Cyber hygiene and security awareness principles

3. Target Audience

- Students and fresh graduates entering cybersecurity roles
- Beginners with little or no cybersecurity experience
- Non-technical professionals seeking cybersecurity awareness
- IT professionals transitioning into security roles
- Individuals preparing for ISACA ITCA certifications

4. Pre-Requisites

- Basic computer knowledge
- No prior cybersecurity or IT experience required

5. Course Content (Modules)

Module 1: Introduction to Cybersecurity

- Cybersecurity fundamentals and importance
- Types of cyber threats and attack vectors

Module 2: Network and System Security Basics

- Network security fundamentals
- Operating system and endpoint security basics

Module 3: Data and Application Security

- Data protection and encryption fundamentals
- Secure application concepts

Module 4: Risk Management and Compliance

- Cyber risk concepts and assessment basics
- Security policies, standards, and regulations

Module 5: Security Awareness and Best Practices

- Cyber hygiene and user awareness
- Incident identification and reporting basics