

# ISACA Computing Fundamentals – ITCA

**Course Duration : 40 Hours**

**Course code : ITCA**

## 1. Course Overview

The ISACA Computing Fundamentals – ITCA course provides essential knowledge of core computing concepts required for entry-level IT and technology roles. This course is designed for beginners and non-technical professionals who want to build a strong foundation in computing, IT infrastructure, and digital technologies. Learners gain practical understanding of hardware, software, networking, data, and security fundamentals used in modern IT environments.

## 2. What you'll learn?

- Basic computing concepts and IT terminology
- Computer hardware, operating systems, and software
- Networking fundamentals and internet technologies
- Data, databases, and information management basics
- Introduction to cybersecurity and digital safety
- Emerging technologies and digital transformation concepts

## 3. Target Audience

- Students and fresh graduates entering IT careers
- Beginners with little or no IT background
- Non-technical professionals transitioning to IT roles
- Business professionals seeking IT literacy
- Individuals preparing for ISACA entry-level certifications

## 4. Pre-Requisites

- Basic computer usage knowledge
- No prior IT or technical experience required

## 5. Course Content (Modules)

### Module 1: Computing Fundamentals

- Introduction to computing systems
- Hardware and software components

### Module 2: Operating Systems and Applications

- Operating system basics
- Productivity and business applications

### Module 3: Networking and Internet Technologies

- Networking concepts and components
- Internet and cloud computing basics

### Module 4: Data and Information Management

- Data concepts and databases
- Information processing and storage

### Module 5: Cybersecurity and Emerging Technologies

- Cybersecurity fundamentals
- Overview of emerging technologies