



London TDM

# Information Technology and Digital Transformation Training Courses

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 09 November 2025 To 13 November 2025

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

The "Fundamentals of Information Technology" course is designed to provide participants with a comprehensive understanding of the essential concepts and skills required in the IT industry. This 5-day course will cover various fundamental topics to equip participants with the knowledge needed to work effectively in IT-related roles.

## Objectives

- Understand key concepts and terminology in information technology.
- Gain practical skills in using core IT applications and tools.
- Develop problem-solving skills relevant to IT environments.
- Learn about the role of IT in modern organizations.
- Explore future trends and developments in the IT sector.

## Course Outlines

### Day 1: Introduction to Information Technology

- Overview of Information Technology: Definition and Evolution
- Understanding Hardware and Software Components
- Introduction to Operating Systems
- Basics of Networking and Internet Technologies
- Role of IT in Business and Society

### Day 2: Fundamentals of Hardware and Software

- Detailed Study of Computer Hardware Components
- Understanding and Using Different Software Applications
- Storage Devices and Data Management
- Introduction to System Update and Security Maintenance
- DIY Computer Assembly Workshop

### Day 3: Networking Essentials

- Introduction to Network Structures and Protocols
- Wireless Technologies and Mobile Networks
- Network Security Fundamentals
- Troubleshooting and Managing Networks
- Practical Session: Setting Up a Small Network

### Day 4: Introduction to Databases

- Understanding Database Concepts and Structures
- Introduction to SQL: Basic Queries
- Database Design and Administration
- Data Backup, Recovery, and Security Principles
- Hands-on: Creating and Managing Simple Databases

## **Day 5: Emerging IT Trends and Careers**

- Exploring Current and Future IT Trends
- Introduction to Cloud Computing and Virtualization
- Impact of Big Data and Analytics
- Review of IT Career Paths and Opportunities
- Feedback, Assessment, and Wrap-Up