

CompTIA IT Fundamentals (ITF+)

Course Description

The IT Fundamentals FC0-U61 Certification Study Guide was designed to help you acquire the knowledge and skills to set up and use a computer at home securely and keep it in good working order, as well as provide informal support for PCs and simple computer networks to your colleagues in a small business. It will also assist you in preparation for the CompTIA A+ certification exam..

Course Duration

3 days

Prerequisites

CompTIA IT Fundamentals is aimed at those considering a career in IT and computer-related fields. There are no special prerequisites for you to meet to successfully start this course.

Objectives

After you successfully complete this course, expect to be able to:

- Set up a computer workstation running Windows and use basic software applications.
- Understand the functions and types of devices used within a computer system.
- Apply basic computer maintenance and support principles.
- Understand some principles of software and database development.
- Configure computers and mobile devices to connect to home networks and to the internet.
- Identify security issues affecting the use of computers and networks.

Course Outline

- **Common Computing Devices**
 - Information Technology
 - Using an OS
 - Functions of an Operating System
 - Managing an OS 65 Management Interfaces
 - Troubleshooting and Support 85 Support and Troubleshooting
 - Summary Using Computers
- **Module Using Apps and Databases**
 - Using Data Types and Units 109 Notational Systems
 - Using Apps
 - Installing Applications
 - Programming and App Development
 - Using Databases
 - Summary Using Apps and Databases

- **Using Computer Hardware**
 - System Components
 - Using Device Interfaces
 - Using Peripheral Devices
 - Unit 4 Using Storage Devices
 - Summary Using Computer Hardware
- **Module 4 / Using Networks**
 - Networking Concepts
 - Connecting to a Network
 - Secure Web Browsing
 - Safe Browsing Practices
 - Using Shared Storage
 - Using Mobile Devices
 - Summary Using Networks
- **Module 5 / Security Concepts**
 - Security Concerns
 - Using Best Practices
 - Using Access Controls
 - Behavioural Security Concepts
 - Summary Managing Security