



CompTIA IT Fundamentals+ Certification (ITF+) (Exam FCO-U61)

Summary

Length: 40 hours Level: Foundational

This course will provide you with the fundamental skills and concepts required to maintain, support, and work efficiently with personal computers. This course may earn a Credly Badge.

Learning Objectives

On course completion, participants will be able to:

- Set up a computer workstation and use basic software applications.
- Explain the functions and types of devices used within a computer system.
- Apply basic computer maintenance and support principles.
- Describe 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

1. Using Computers

- Common Computing Devices
- Using a Workstation
- Using an OS
- Managing an OS
- Troubleshooting and Support
- Summary

2. Using Apps and Databases

- Using Data Types and Units
- Using Apps
- Programming and App Development
- Using Databases
- Summary

3. Using Computer Hardware

- System Components
- Using Device Interfaces
- Using Peripheral Devices
- Using Storage Devices
- Using File Systems
- Summary

4. Using Networks

- Networking Concepts
- Connecting to a Network
- Secure Web Browsing
- Using Shared Storage

Using Mobile Devices
Summary

5. **Security Concepts**

Security Concerns
Using Best Practices
Using Access Controls
Behavioral Security Concepts
Summary

Audience

CompTIA IT Fundamentals+ is aimed at those considering a career in IT and computer-related fields. Consequently, there are no special prerequisites to start this course. We have made the assumption that you don't know much about how computers or software work, or even how to use them. Some experience with using a keyboard and mouse will be helpful but is not essential.

Prerequisites

While there are no prerequisites for this course, please ensure you have the right level of experience to be successful in this training.