CompTIA IT Fundamentals

Duration: 3 days
Price: $2400
Certifications: CompTIA IT Fundamentals
Exams: FC0-U51 (Proctored)
        FC0-Z51 (NON-Proctored)

Course Overview

The CompTIA IT Fundamentals exam is designed to help you learn more about the world of information technology (IT). It's ideal if you're considering a career in IT or if you work in an allied field that requires a broad understanding of IT. CompTIA IT Fundamentals can also be a stepping stone to more advanced certifications such as CompTIA A+, and, with specialized experience, CompTIA Network+ and CompTIA Security+.

Target Audience

This course is designed for individuals who are considering a career in information technology (IT) and who might be planning to pursue CompTIA IT Fundamentals certification, CompTIA A+™ certification, or other similar certifications.

Course Objectives

Upon successful completion of this course, you will be able to safely set up a basic workstation, including installing basic hardware and software and establishing basic network connectivity; identify and correct compatibility issues; identify and prevent basic security risks; and practice basic support techniques on computing devices. You will: Identify hardware commonly found in or attached to computing devices. Identify software commonly installed on computing devices. Set up a basic workstation. Configure network access. Work with files, folders, and applications. Configure and use wireless devices. Secure computing devices. Support computers and users.

Course Outline

Lesson 1: Identifying Computer Hardware

- Identify Types of Computing Devices
- Identify Internal Computer Components
- Common Computer Connector Types
- Identify Common Peripheral Devices

Lesson 2: Identifying Computer Software

- Compare Functions and Features of Common Operating Systems
- Identify Application Software

Lesson 3: Setting Up a Basic Workstation

- Connect Hardware
- Install and Configure Operating Systems
- Install and Configure Applications
- Configure Accessibility Options

Lesson 4: Configuring Network Access

- Network Connection Types
- Install and Configure a SOHO Router
- Network and Alternative Technologies
- Sharing and Storage Methods

Lesson 5: Working with Files, Folders, and Applications

- Create Files
- Navigate a File Structure
- Manage Files and Folders
- Compress and Extract Files
- Create Screen Captures

Spectrum Trainings FZ LLC

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Lesson 6: Configuring and Using Wireless Devices

- Configure Wireless Devices
- Use Wireless Devices

Lesson 7: Securing Computing Devices

- Identify Security Threats
- Apply Security Best Practices
- Perform Secure Web Browsing

Lesson 8: Supporting Computers and Users

- Environmental and Safety Concepts
- Back Up and Restore Data
- Manage Software
- Implement Basic Support Measures

Prerequisites

No prior experience necessary

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