CompTIA IT Fundamentals

Duration 3 Days

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+.

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.

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.

PREREQUISITES

To ensure your success in your course you will need basic Windows end-user skills. You can obtain this level of skills and knowledge by taking either of the following LogicalCHOICE courses, or have equivalent experience: Using Microsoft® Windows® 8.1 Microsoft® Windows® 8.1 Transition from Windows 7

COURSE OUTLINE

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

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

3 Setting Up a Basic Workstation
- Connect Hardware
- Install and Configure Operating Systems
- Install and Configure Applications
- Configure Accessibility Options

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

5 Working with Files, Folders, and Applications
- Create Files
- Navigate a File Structure
- Manage Files and Folders
- Compress and Extract Files
- Create Screen Captures

6 Configuring and Using Wireless Devices
- Configuring Wireless Devices
- Use Wireless Devices

7 Securing Computing Devices
- Identify Security Threats
- Apply Security Best Practices
- Perform Secure Web Browsing

8 Supporting Computers and Users
- Environmental and Safety Concepts
- Back Up and Restore Data
- Manage Software
- Implement Basic Support Measures