

COURSE OUTLINE

CompTIA IT Fundamentals (Exam FC0-U51 or FC0-Z51)

About The Course: This course is comprised of 8 modules. The CompTIA IT Fundamentals course is designed to introduce individuals to the concepts of a variety of fundamental information technologies. The IT Fundamentals course provides an introduction to basic hardware components and operating system technologies and is designed for individuals who are considering a career in information technology.

Course Length: 5 days

Prerequisites: The course requires that you are familiar with using personal computers and have used a mouse and keyboard; basic typing skills are recommended.

Module 1: Identifying Computer Hardware

The following topics are covered in this module:

- Identify types of computing devices
- Identify internal computer components
- Common computer connector types
- Identify common peripheral devices

Module 2: Identifying Computer Software

The following topics are covered in this module:

- Compare functions and features of common operating systems
- Identify application software

Module 3: Setting Up a Basic Workstation

The following topics are covered in this module:

- Connect hardware
- Install and configure operating systems
- Install and configure applications
- Configure accessibility options

Module 4: Configuring Network Access

The following topics are covered in this module:

- Network connection types
- Install and configure a SOHO router
- Network and alternative technologies
- Sharing and storage methods

Module 5: Working with Files, Folders and Applications

The following topics are covered in this module:

- Create files
- Navigate a file structure
- Manage files and folders

- Compress and extract files
- Create screen captures

Module 6: Configuring and Using Wireless Devices

The following topics are covered in this module:

- Configure wireless devices
- Use wireless devices

Module 7: Securing Computing Devices

The following topics are covered in this module:

- Identify security threats
- Apply security best practice
- Perform secure web browsing

Module 8: Supporting Computers and Users

The following topics are covered in this module:

- Environmental and safety concepts
- Backup and restore data
- Manage software
- Implement basic support measures