

CompTIA A+ - Part 1 (Exam 220-1001)

Overview

This course provides the knowledge and skills you will require to be a successful A+ technician.

Target Audience

This course is designed for individuals who have basic computer user skills and who are interested in obtaining a job as an entry-level IT technician. This course is also designed for students who are seeking the CompTIA A+ certification and who want to prepare for the CompTIA A+ Core 1 220-1001 Certification Exam and the CompTIA A+ Core 2 220-1002 Certification Exam.

Course Objectives

In this course, you will install, configure, optimize, troubleshoot, repair, upgrade, and perform preventive maintenance on personal computers, digital devices, and operating systems.

You will:

- Support operating systems.
- Install and configure PC system unit components and peripheral devices.
- Install, configure, and troubleshoot display and multimedia devices.
- Install, configure, and troubleshoot storage devices.
- Install, configure, and troubleshoot internal system components.
- Install, configure, and maintain operating systems.
- Maintain and troubleshoot Microsoft Windows.
- Explain network infrastructure concepts.
- Configure and troubleshoot network connections.
- Manage users, workstations, and shared resources.
- Implement client virtualization and cloud computing.
- Implement physical security.
- Secure workstations and data.
- Troubleshoot workstation security issues.
- Support and troubleshoot laptops.
- Support and troubleshoot mobile devices.
- Install, configure, and troubleshoot print devices.
- Implement operational procedures.

Course Outline

1 - Installing and Configuring PC Components

2 - Installing, Configuring, and Troubleshooting Display and Multimedia Devices

3 - Installing, Configuring, and Troubleshooting Storage Devices

4 - Installing, Configuring, and Troubleshooting Internal System Components

5 - Installing, Configuring, and Troubleshooting Print Devices

6 - Network Infrastructure Concepts

7 - Configuring and Troubleshooting Networks

8 - Supporting and Troubleshooting Laptops

9 - Supporting and Troubleshooting Mobile Devices

10 - Implementing Client Virtualization and Cloud Computing
