Course Title: CompTIA A+	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: CompTIA A+ Certificate	

Course Syllabus

Our CompTIA A+ training course covers the following Modules:

Module 1: Installing Motherboards and Connectors

- Explain Cable Types and Connectors
- Install and Configure Motherboards
- Explain Legacy Cable Types

Module 2: Installing System Devices

- Install and Configure Power Supplies and Cooling
- Select and Install Storage Devices
- Install and Configure System Memory
- Install and Configure CPUs

Module 3: Installing System Devices

- Apply Troubleshooting Methodology
- Configure BIOS/UEFI
- Troubleshoot Power and Disk Issues
- Troubleshoot System and Display Issues

Module 4: Comparing Local Networking Hardware

- Compare Network Types
- Compare Networking Hardware
- Explain Network Cable Types
- Compare Wireless Networking Types

Module 5: Configuring Network Addressing and Internet Connections

- Compare Internet Connection Types
- Use Basic TCP/IP Concepts
- Compare Protocols and Ports
- Compare Network Configuration Concepts

Module 6: Supporting Network Services

- Summarise Services Provided by Networked Hosts
- Compare Internet and Embedded Appliances

- Troubleshoot Networks

Module 7: Summarising Virtualisation and Cloud Concepts

- Summarise Client-Side Virtualisation
- Summarise Cloud Concepts

Module 8: Supporting Mobile Devices

- Set Up Mobile Devices and Peripherals
- Configure Mobile Device Apps
- Install and Configure Laptop Hardware
- Troubleshoot Mobile Device Issues

Module 9: Supporting Print Devices

- Deploy Printer and Multifunction Devices
- Replace Print Device Consumables
- Troubleshoot Print Device Issues

Module 10: Configuring Windows

- Configure Windows User Settings
- Configure Windows System Settings

Module 11: Managing Windows

- Use Management Consoles
- Use Performance and Troubleshooting Tools
- Use Command-line Tools

Module 12: Identifying OS Types and Features

- Explain OS Types
- Compare Windows Editions

Module 13: Supporting Windows

- Perform OS Installations and Upgrades
- Install and Configure Applications
- Troubleshoot Windows OS Problems

Module 14: Managing Windows Networking

- Manage Windows Networking
- Troubleshoot Windows Networking
- Configure Windows Security Settings
- Manage Windows Shares

Module 15: Managing Linux and macOS

- Identify Features of Linux
- Identify Features of macOS

Module 16: Configuring SOHO Network Security

- Explain Attacks, Threats, and Vulnerabilities
- Compare Wireless Security Protocols
- Configure SOHO Router Security
- Summarise Security Measures

Module 17: Managing Security Settings

- Configure Workstation Security
- Configure Browser Security
- Troubleshoot Workstation Security Issues

Module 18: Supporting Mobile Software

- Configure Mobile OS Security
- Troubleshoot Mobile OS and App Software
- Troubleshoot Mobile OS and App Security

Module 19: Using Support and Scripting Tools

- Use Remote Access Technologies
- Implement Backup and Recovery
- Explain Data Handling Best Practices
- Identify the Basics of Scripting

Module 20: Implementing Operational Procedures

- Implement Best Practice Documentation
- Use Proper Communication Techniques
- Use Common Safety and Environmental Procedures

Course Overview

Our five-day CompTIA A+ training course will help you to enhance your skills and knowledge on the maintenance of PCs, mobile devices, operating systems and printers.

The CompTIA's A+ certification is the industry standard for validating the foundational skills needed by support technicians in today's digital world.

The CompTIA A+ certification requires that you pass two exams: CompTIA A+ Core 1 Exam 220-1001 and Core 2 Exam 220-1002.

Course Learning Outcomes

The CompTIA A+ certification has recently been updated to reflect the growing focus on topics such cybersecurity, privacy, IoT, scripting, virtualisation and cloud.

After completing our CompTIA A+ training course, you should be able to:

- Support basic IT infrastructure, including endpoint management, advanced device connectivity troubleshooting, and basic networking
- Configure and support PC, mobile and IoT device hardware, including components, connectors and peripherals
- Implement basic data backup and recovery methods and apply data storage and management best practices
- Demonstrate baseline security skills for IT support professionals, including detecting and removing malware, addressing privacy concerns, physical security and device hardening

- Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS and administer client-based as well as cloud-based (SaaS) software
- Troubleshoot and problem solve core service and support challenges while applying best practices for documentation, change management, and the use of scripting in IT support

Audience

Our CompTIA A+ training course is suitable for entry-level IT Professionals in a technical support role.

Entry-Level Requirements

You should meet the following prerequisites:

- Recognise the main components of a PC and different data media such as USB drives and DVD.
- Start the computer and navigate the desktop.
- Use Windows Explorer to create directories and subdirectories and manage files.
- Use a web browser such as Internet Explorer to view websites./li>

Recommended Reading

There is no recommended reading with our CompTIA A+ training course.

What's Included

Our CompTIA A+ training course includes the following:

- Full Course Materials
- CompTIA A+ Core 1 Exam Preparation
- CompTIA A+ Core 2 Exam Preparation
- 5-day instructor-led training course
- CompTIA-approved A+ training programs
- A+ exam prep guide
- Practice exams
- Exam voucher included.
- One-on-one after course instructor coaching

Exam Information

The following examinations are NOT included in our CompTIA A+ training course:

- 220-1001 - CompTIA A+ Core 1 Exam
- 220-1002 - CompTIA A+ Core 2 Exam

What's Next

Our five-day CompTIA Network+ training course will validate your knowledge and skills to troubleshoot, configure and manage common wired and wireless network. It certifies a basic understanding of emerging technologies including unified communications, mobile, cloud and virtualisation technologies.

Additional Information

CompTIA A+ is the preferred qualifying credential for technical support and IT operational roles. A+ certified professionals identify issues and problem-solve more effectively than those without certification.