

Document Generated: 04/20/2026

Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration:

CompTIA A+ Certification



CompTIA A+ Certification

Course Outline:

- Core 1:

- Module 1: What Does an IT Specialist Do?
 - Lesson 1.1: The Hero of Problem Solving
 - Lesson 1.2: The Troubleshooting Methodology
- Module 2: Installing Motherboards and Connectors
 - Lesson 2.1: Cables and Connectors
 - Lesson 2.2: Motherboards
 - Lesson 2.3: Legacy Cables
- Module 3: Installing System Devices
 - Lesson 3.1: Power Supplies and Cooling
 - Lesson 3.2: Storage Devices
 - Lesson 3.3: System Memory
 - Lesson 3.4: CPUs
- Module 4: Troubleshooting PC Hardware
 - Lesson 4.1: BIOS and UEFI
 - Lesson 4.2: Power and Disk Issues
 - Lesson 4.3: System and Display Issues
- Module 5: Comparing Local Networking Hardware
 - Lesson 5.1: Network Types
 - Lesson 5.2: Networking Hardware
 - Lesson 5.3: Network Cable Types
 - Lesson 5.4: Wireless Networking Types
- Module 6: Configuring Network Addressing and Internet Connections
 - Lesson 6.1: Internet Connection Types
 - Lesson 6.2: TCP/IP Concepts
 - Lesson 6.3: Network Communications
 - Lesson 6.4: Network Configuration Concepts
- Module 7: Supporting Network Services
 - Lesson 7.1: Networked Host Services
 - Lesson 7.2: Internet and Embedded Appliances
 - Lesson 7.3: Troubleshoot Networks
- Module 8: Summarizing Virtualization and Cloud Concepts
 - Lesson 8.1: Client-Side Virtualization
 - Lesson 8.2: Cloud Concepts
- Module 9: Supporting Mobile Devices
 - Lesson 9.1: Mobile Devices and Peripherals
 - Lesson 9.2: Mobile Apps and Data
 - Lesson 9.3: Laptop Hardware
 - Lesson 9.4: Troubleshoot Mobile Devices
- Module 10: Supporting Print Devices
 - Lesson 10.1: Printers and Multifunction Devices
 - Lesson 10.2: Print Device Maintenance
 - Lesson 10.3: Troubleshoot Print Devices

- Core 2:

- Module 1: What Does an IT Specialist Do?
 - Lesson 1.1: The Hero of Problem Solving
 - Lesson 1.2: The Troubleshooting Methodology

- Module 2: Managing Support Procedures
 - Lesson 2.1: Documentation
 - Lesson 2.2: Professional Communication
 - Lesson 2.3: Types of Operating Systems
- Module 3: Configuring Windows
 - Lesson 3.1: Windows User Settings
 - Lesson 3.2: Windows System Settings
 - Lesson 3.3: Install and Configure Applications
 - Lesson 3.4: Cloud-Based Applications
- Module 4: Managing Windows
 - Lesson 4.1: Use Management Consoles
 - Lesson 4.2: Command-Line Tools
 - Lesson 4.3: Windows Networking
- Module 5: Supporting Windows
 - Lesson 5.1: Troubleshoot Windows Networking
 - Lesson 5.2: Remote Access Technologies
 - Lesson 5.3: Performance and Troubleshooting Tools
 - Lesson 5.4: Troubleshoot Windows OS Problems
- Module 6: Securing Windows
 - Lesson 6.1: Logical Security Concepts
 - Lesson 6.2: Windows Security Settings
 - Lesson 6.3: Windows Shares
- Module 7: Installing Operating Systems
 - Lesson 7.1: Windows Editions
 - Lesson 7.2: OS Installations and Upgrades
- Module 8: Supporting Other OS
 - Lesson 8.1: Linux Features
 - Lesson 8.2: Package and Network Management
 - Lesson 8.3: macOS Features
- Module 9: Configuring SOHO Network Security
 - Lesson 9.1: Attacks, Threats, and Vulnerabilities
 - Lesson 9.2: Wireless Security Protocols
 - Lesson 9.3: SOHO Router Security
 - Lesson 9.4: Additional Security Measures
- Module 10: Managing Security Settings
 - Lesson 10.1: Account Security
 - Lesson 10.2: Workstation Security
 - Lesson 10.3: Browser Security
 - Lesson 10.4: Troubleshoot Workstation Security
- Module 11: Supporting Mobile Software
 - Lesson 11.1: Mobile OS Security
 - Lesson 11.2: Troubleshoot Mobile OS and App Software
 - Lesson 11.3: Troubleshoot Mobile OS and App Security
- Module 12: Using Data Security
 - Lesson 12.1: Data Backup and Recovery
 - Lesson 12.2: Data Handling Best Practices
 - Lesson 12.3: Artificial Intelligence
- Module 13: Implementing Operational Procedures
 - Lesson 13.1: Change and Inventory Management
 - Lesson 13.2: Common Safety and Environmental Procedures

- Lesson 13.3: Scripting Basics