COMPTIA A+ CERTIFICATION PREP

Course Code: 100287

Prepare for the CompTIA A+ v15 certification 220-1201 and 220-1202.

CompTIA A+ is designed to help learners prepare for the latest certification exams—Core 1 and Core 2, V15. Widely recognized as the starting point for a career in IT, the A+ certification validates essential skills in hardware, software, networking, and troubleshooting. This course is ideal for individuals pursuing roles such as help desk technician, IT support specialist, or desktop support analyst.

Matching the two certifications, the curriculum is divided into two parts. Core 1 covers topics like mobile devices, hardware installation and configuration, networking basics, virtualization, and cloud computing. Core 2 focuses on operating systems, software troubleshooting, and foundational cybersecurity practices. Learners will work with Windows, macOS, Linux, and mobile platforms, gaining practical experience through hands-on labs and real-world scenarios.

By the end of this course, participants will be well-prepared to take both certification exams. The training emphasizes practical application of skills, ensuring learners can confidently step into entry-level IT roles. Whether you're new to the field or looking to formalize your experience with a recognized credential, this course provides a solid foundation for success.

- This course includes Core 1 and Core 2 exam vouchers.

What You'll Learn

- Install, configure, and maintain hardware components and devices effectively.
- Diagnose and resolve issues with PCs, mobile devices, and software applications.
- Understand networking basics and configure wired/wireless SOHO networks.
- Apply basic cybersecurity methods to mitigate threats and secure systems.
- Install and support multiple operating systems, including Windows, Linux, and macOS.
- Explain virtualization and cloud computing concepts and their applications.
- Follow best practices for safety, environmental impacts, and effective communication.
- Provide customer support using appropriate troubleshooting and communication skills.
- Gain a respected certification that validates your foundation in tech and

prepares you for success in your career.

Who Needs to Attend

Individuals looking to learn computer basics and seeking CompTIA A+ certification (220-1201 and 220-1202)

Prerequisites

- End-user skills with Windows-based PCs
- Basic knowledge of computing concepts

COMPTIA A+ CERTIFICATION PREP

Course Code: 100287

CLASSROOM LIVE	$3,195 USD	5 Day

Classroom Live Outline

- Lesson 1: Installing Motherboards and Connectors
- Lesson 2: Installing System Devices
- Lesson 3: Troubleshooting PC Hardware
- Lesson 4: Comparing Local Networking Hardware
- Lesson 5: Configuring Network Addressing and Internet Connections
- Lesson 6: Supporting Network Services
- Lesson 7: Summarizing Virtualization and Cloud Concepts
- Lesson 8: Supporting Mobile Devices
- Lesson 9: Supporting Print Devices
- Lesson 10: Configuring Windows
- Lesson 11: Managing Windows
- Lesson 12: Identifying OS Types and Features
- Lesson 13: Supporting Windows
- Lesson 14: Managing Windows Networking
- Lesson 15: Managing Linux and macOS
- Lesson 16: Configuring SOHO Network Security
- Lesson 17: Managing Security Settings
- Lesson 18: Supporting Mobile Software
- Lesson 19: Using Support and Scripting Tools
- Lesson 20: Implementing Operational Procedures

Classroom Live Labs

- Assisted Lab: Exploring the Lab Environment
- Assisted Lab: Installing a Motherboard
- Assisted Lab: Installing Power Supplies
- Assisted Lab: Installing and Configuring System Memory
- Assisted Lab: Installing RAM

- Assisted Lab: Installing CPU and Cooler
- Assisted Lab: Upgrading and Installing GPU and Daisy-Chain Monitors
- Assisted Lab: Exploring the Virtual Machine Lab Environment
- Assisted Lab: Compare Networking Hardware
- Assisted Lab: Compare Wireless Network Technologies
- Assisted Lab: Configure a SOHO Router
- Assisted Lab: Compare Protocols and Ports
- Assisted Lab: Troubleshoot a Network #1
- Assisted Lab: Troubleshoot a Network #2
- APPLIED Lab: Troubleshoot a Network #1
- APPLIED Lab: Troubleshoot a Network #2
- Assisted Lab: Adding Expansion SSD in a Laptop
- Assisted Lab: Upgrading Laptop RAM
- Assisted Lab: Replacing Laptop Non-User Removable Battery
- Assisted Lab: Configuring Laptop Dock and External Peripherals
- Assisted Lab: Deploy a Printer
- Assisted Lab: Manage User Settings in Windows
- Assisted Lab: Support Windows 11
- Assisted Lab: Configure Windows System Settings
- Assisted Lab: Use Management Consoles
- Assisted Lab: Use Task Manager
- Assisted Lab: Monitor Performance and Event Logs
- Assisted Lab: Use Command-line Tools
- APPLIED Lab: Support Windows 10
- Assisted Lab: Perform Windows 10 OS Installation
- Assisted Lab: Perform Ubuntu Linux OS Installation
- Assisted Lab: Install and Configure an Application
- Assisted Lab: Troubleshoot a Windows OS Issue
- Assisted Lab: Configure Windows Networking
- Assisted Lab: Configure Folder Sharing in a Workgroup
- Assisted Lab: Manage Linux using Command-line Tools
- Assisted Lab: Manage Files using Linux Command-line Tools
- APPLIED Lab: Support and Troubleshoot Network Hosts
- Assisted Lab: Configure SOHO Router Security
- Assisted Lab: Configure Workstation Security
- Assisted Lab: Configure Browser Security
- Assisted Lab: Troubleshoot Security Issues Scenario #1
- APPLIED Lab: Troubleshoot Security Issues Scenario #2
- Assisted Lab: Use Remote Access Technologies
- Assisted Lab: Implement Backup and Recovery
- Assisted Lab: Implement a PowerShell Script
- Assisted Lab: Implement Bash Script
- Assisted Lab: Manage a Support Ticket

COMPTIA A+ CERTIFICATION PREP

Course Code: 100287

VIRTUAL CLASSROOM LIVE	$3,195 USD	5 Day

Virtual Classroom Live Outline

- Lesson 1: Installing Motherboards and Connectors
- Lesson 2: Installing System Devices
- Lesson 3: Troubleshooting PC Hardware
- Lesson 4: Comparing Local Networking Hardware
- Lesson 5: Configuring Network Addressing and Internet Connections
- Lesson 6: Supporting Network Services
- Lesson 7: Summarizing Virtualization and Cloud Concepts
- Lesson 8: Supporting Mobile Devices
- Lesson 9: Supporting Print Devices
- Lesson 10: Configuring Windows
- Lesson 11: Managing Windows
- Lesson 12: Identifying OS Types and Features
- Lesson 13: Supporting Windows
- Lesson 14: Managing Windows Networking
- Lesson 15: Managing Linux and macOS
- Lesson 16: Configuring SOHO Network Security
- Lesson 17: Managing Security Settings
- Lesson 18: Supporting Mobile Software
- Lesson 19: Using Support and Scripting Tools
- Lesson 20: Implementing Operational Procedures

Virtual Classroom Live Labs

- Assisted Lab: Exploring the Lab Environment
- Assisted Lab: Installing a Motherboard
- Assisted Lab: Installing Power Supplies
- Assisted Lab: Installing and Configuring System Memory
- Assisted Lab: Installing RAM

- Assisted Lab: Installing CPU and Cooler
- Assisted Lab: Upgrading and Installing GPU and Daisy-Chain Monitors
- Assisted Lab: Exploring the Virtual Machine Lab Environment
- Assisted Lab: Compare Networking Hardware
- Assisted Lab: Compare Wireless Network Technologies
- Assisted Lab: Configure a SOHO Router
- Assisted Lab: Compare Protocols and Ports
- Assisted Lab: Troubleshoot a Network #1
- Assisted Lab: Troubleshoot a Network #2
- APPLIED Lab: Troubleshoot a Network #1
- APPLIED Lab: Troubleshoot a Network #2
- Assisted Lab: Adding Expansion SSD in a Laptop
- Assisted Lab: Upgrading Laptop RAM
- Assisted Lab: Replacing Laptop Non-User Removable Battery
- Assisted Lab: Configuring Laptop Dock and External Peripherals
- Assisted Lab: Deploy a Printer
- Assisted Lab: Manage User Settings in Windows
- Assisted Lab: Support Windows 11
- Assisted Lab: Configure Windows System Settings
- Assisted Lab: Use Management Consoles
- Assisted Lab: Use Task Manager
- Assisted Lab: Monitor Performance and Event Logs
- Assisted Lab: Use Command-line Tools
- APPLIED Lab: Support Windows 10
- Assisted Lab: Perform Windows 10 OS Installation
- Assisted Lab: Perform Ubuntu Linux OS Installation
- Assisted Lab: Install and Configure an Application
- Assisted Lab: Troubleshoot a Windows OS Issue
- Assisted Lab: Configure Windows Networking
- Assisted Lab: Configure Folder Sharing in a Workgroup
- Assisted Lab: Manage Linux using Command-line Tools
- Assisted Lab: Manage Files using Linux Command-line Tools
- APPLIED Lab: Support and Troubleshoot Network Hosts
- Assisted Lab: Configure SOHO Router Security
- Assisted Lab: Configure Workstation Security
- Assisted Lab: Configure Browser Security
- Assisted Lab: Troubleshoot Security Issues Scenario #1
- APPLIED Lab: Troubleshoot Security Issues Scenario #2
- Assisted Lab: Use Remote Access Technologies
- Assisted Lab: Implement Backup and Recovery
- Assisted Lab: Implement a PowerShell Script
- Assisted Lab: Implement Bash Script
- Assisted Lab: Manage a Support Ticket

Jan 12 - 16, 2026 | 11:00 AM - 9:00 PM EST

Jan 26 - 30, 2026 | 8:00 AM - 6:00 PM EST

Feb 9 - 13, 2026 | 8:00 AM - 6:00 PM EST

Mar 23 - 27, 2026 | 8:00 AM - 6:00 PM EDT

Apr 6 - 10, 2026 | 8:00 AM - 6:00 PM EDT

Apr 20 - 24, 2026 | 11:00 AM - 9:00 PM EDT

May 18 - 22, 2026 | 8:00 AM - 6:00 PM EDT

Jun 22 - 26, 2026 | 8:00 AM - 6:00 PM EDT

Jul 13 - 17, 2026 | 11:00 AM - 9:00 PM EDT

Jul 27 - 31, 2026 | 8:00 AM - 6:00 PM EDT

Aug 3 - 7, 2026 | 8:00 AM - 6:00 PM EDT

COMPTIA A+ CERTIFICATION PREP

Course Code: 100287

PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.