CompTIA A+ (220-1101)

Category: Networking & Security | **Vendor:** CompTIA

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	CompTIA A+
Related Exam:	220-1201 & 220-1202

Course Overview

Start your IT career with confidence by earning the industry-leading CompTIA A+ certification! Recognized globally, this certification validates your foundational IT skills and opens doors to high-demand roles in technology. According to the U.S. Bureau of Labor Statistics, employment in IT support is projected to grow 6% by 2032, faster than the average for all occupations, making now the perfect time to enter this thriving field. Our comprehensive training not only prepares you to pass the CompTIA A+ 220-1101 and 220-1102 exams but equips you with practical skills that employers demand. Whether you're starting your IT journey or looking to advance your career, New Horizons’ proven methods and expert instructors will guide you every step of the way.

About This Course

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Who Should Attend

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 1 220-1101 Certification Exam and the CompTIA A+ Core 2 220-1102 Certification Exam.

Prerequisites & Entry Requirements

General Prerequisites:

No prerequisites, but it is recommend having at least 9 to 12 months of hands-on experience in the lab or field.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course will prepare the participant to install and configure IT systems, troubleshoot network and security issues, and manage end-user devices in diverse environments. It builds foundational skills in IT infrastructure, including hardware, networking, and cloud computing, while exploring best practices for effective IT support. Additionally, the course offers focused preparation for the CompTIA A+ Certification Exams (220-1101 and 220-1102).

Detailed Course Outline

1 - Installing Motherboards and Connectors

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

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

3 - Troubleshooting PC Hardware

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

4 - Comparing Local Networking Hardware

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

5 - Configuring Network Addressing and Internet Connections

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

6 - Supporting Network Services

- Summarize Services Provided by Networked Hosts
- Compare Internet and Embedded Appliances
- Troubleshoot Networks

7 - Summarizing Virtualization and Cloud Concepts

- Summarize Client-Side Virtualization
- Summarize Cloud Concepts

8 - Supporting Mobile Devices

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

9 - Supporting Print Devices

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

10 - Configuring Windows

- Configure Windows User Settings
- Configure Windows System Settings

11 - Managing Windows

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

12 - Identifying OS Types and Features

- Explain OS Types
- Compare Windows Editions

13 - Supporting Windows

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

14 - Managing Windows Networking

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

15 - Managing Linux and macOS

- Identify Features of Linux
- Identify Features of macOS

16 - Configuring SOHO Network Security

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

17 - Managing Security Settings

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

18 - Supporting Mobile Software

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

19 - Using Support and Scripting Tools

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

20 - Implementing Operational Procedures

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

◫ Certification Path

CompTIA A+

Exam: 220-1201 & 220-1202

Frequently Asked Questions

Q: What delivery options are available for CompTIA A+ (220-1101)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CompTIA A+ (220-1101) course helps prepare you for the CompTIA A+ certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the 220-1201 & 220-1202 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CompTIA A+ (220-1101) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CompTIA A+ (220-1101) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CompTIA A+ (220-1101)?

Yes, we provide corporate training, dedicated training, and closed classes for CompTIA A+ (220-1101). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for CompTIA A+ (220-1101)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CompTIA A+ (220-1101) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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