

CompTIA A+ Exam Prep (220-1201 & 220-1202)

CompTIA A+ 220-1201 & 220-1202. Structured exam prep with practice questions and troubleshooting scenarios.

IT Certifications Instructor: Jason Miller • 5 sections • 46 lessons • 13.00h total

[View this course online](#) [Browse all courses](#)

About this course

Many IT professionals find the CompTIA A+ exams challenging due to the breadth of topics. This course provides a structured approach to the core concepts for exams 220-1201 and 220-1202, helping you focus your study time.

We will walk you through key objectives with video lessons, practice question breakdowns, and real troubleshooting scenarios. You will learn how to identify weak areas, apply memorization techniques, and approach exam questions.

Course curriculum

Section 1: Foundations and Exam Overview

- **Understanding the CompTIA A+ Exam Structure (12m)**
Learn the format, scoring, and domains for both 220-1201 and 220-1202 to plan your study effectively.
- **Setting Up Your Study Environment (8m)**
Step-by-step guide to creating a focused study space and organizing your materials for efficient learning.
- **Core Hardware Concepts You Must Know (18m)**
Review essential hardware components and their functions with practical examples from common IT setups.
- **Operating Systems Fundamentals (15m)**
Get a clear breakdown of Windows, macOS, and Linux basics that appear on the exams.
- **Networking Basics for A+ (20m)**
Walk through IP addresses, subnetting, and wireless standards with real-world application tips.
- **Security Concepts in A+ Exams (14m)**
Cover password policies, malware types, and basic security practices you'll need to identify.
- **Troubleshooting Methodology Overview (11m)**
Learn the CompTIA troubleshooting model and how to apply it to common IT problems.

Section 2: Core Concepts and Practice Questions

- **Mobile Device Hardware Deep Dive (22m)**
Analyze laptop components, mobile device repairs, and accessories with practice question examples.
- **Network Infrastructure and Protocols (25m)**
Understand routers, switches, and TCP/IP with hands-on configuration scenarios.
- **Virtualization and Cloud Concepts (19m)**
Explore hypervisors, cloud models, and how they relate to A+ exam objectives.
- **Data Storage Solutions (16m)**
Compare HDD, SSD, RAID, and backup strategies with real case study analysis.
- **Software Installation and Configuration (21m)**
Step-by-step guide for installing OS and applications, including common pitfalls.
- **Security Best Practices for A+ (17m)**
Practice identifying security threats and applying mitigation techniques from exam scenarios.
- **Troubleshooting Hardware Issues (24m)**
Problem-solving session on diagnosing and fixing common hardware failures.
- **Troubleshooting Software and OS Problems (23m)**
Learn how to resolve application errors, boot issues, and performance problems.
- **Network Troubleshooting Techniques (20m)**
Use tools like ping and traceroute to diagnose connectivity issues with practice cases.

Section 3: Advanced Topics and Exam Strategies

- **Managing and Maintaining PCs (18m)**
Learn preventive maintenance schedules and tools to keep systems running smoothly.
- **Understanding Motherboards and CPUs (15m)**
Detailed look at chipset compatibility, sockets, and upgrade considerations.
- **Power Supplies and Cooling Systems (13m)**
How to select and troubleshoot power and cooling components for reliability.
- **Display and Multimedia Devices (14m)**
Cover monitors, projectors, and audio devices with calibration tips.
- **Peripheral Devices and Printers (16m)**
Installation and troubleshooting of printers, scanners, and input devices.
- **Scripting and Automation Basics (12m)**
Intro to simple scripts that can automate common IT tasks, with examples.
- **Exam Question Analysis Techniques (17m)**
How to break down complex questions and eliminate wrong answers efficiently.
- **Time Management During the Exam (9m)**
Strategies to pace yourself and avoid getting stuck on difficult questions.

Section 4: Practical Application and Case Studies

- **Real-World Hardware Build Case Study (28m)**
Follow along with a PC build, selecting components and justifying choices for A+ objectives.
- **Network Setup for Small Business (26m)**
Design and configure a basic network, applying security and troubleshooting steps.
- **Mobile Device Support Scenario (22m)**
Walk through supporting a user with a smartphone or tablet issue, step-by-step.
- **Software Deployment Project (24m)**
Plan and execute a software rollout for multiple computers, including testing.
- **Security Incident Response Drill (20m)**
Practice responding to a simulated malware attack on a network.
- **Troubleshooting a Hybrid Environment (23m)**
Solve problems in a setup with both physical and virtual machines.
- **Printer and Peripheral Repair Lab (19m)**
Hands-on guide to fixing common printer and peripheral issues.
- **Cloud Integration for A+ (17m)**
How to connect local systems to cloud services securely.
- **Data Backup and Recovery Plan (21m)**
Create a robust backup strategy and test recovery procedures.
- **Performance Optimization Session (18m)**
Techniques to improve system speed and responsiveness for users.

Section 5: Final Review and Implementation Plan

- **Comprehensive Practice Exam 1 (35m)**
Take a full-length practice test with detailed answer explanations.
- **Comprehensive Practice Exam 2 (35m)**
Another full practice test to gauge your readiness and identify gaps.
- **Reviewing Your Weak Areas (14m)**
How to analyze your practice test results and focus your final study.
- **Memorization Techniques for A+ (11m)**
Use flashcards and mnemonics to remember key facts and acronyms.
- **Creating a 2-Week Study Schedule (10m)**
A downloadable template to plan your final review period effectively.
- **Exam Day Preparation Checklist (8m)**
What to do the night before and on test day to reduce anxiety.
- **Handling Exam Day Nerves (9m)**
Practical tips to stay calm and focused during the actual exam.
- **What to Do After Passing A+ (12m)**
Next steps for your IT career, including job roles and further certifications.
- **Accessing Official CompTIA Resources (7m)**
Guide to using CompTIA's official exam objectives and practice questions.
- **Building a Study Group or Forum (8m)**
How to connect with others for support and shared learning.
- **Long-Term Knowledge Retention (10m)**
Strategies to keep your A+ knowledge fresh after the exam.
- **Course Wrap-Up and Next Steps (6m)**
Summary of key takeaways and how to apply what you've learned.

Discover our blog

Learn more with free articles written by our professors and guest experts.

Latest article: **[Flight Attendant Preparation: What to Study Before You Apply](#)**

[Visit the blog](#) [All courses](#) [This course](#)