

CompTIA A+ Certification: A Comprehensive Approach (Exams 220-1001 and 220-1002) (Comptia-A)

Modality: Virtual Classroom

Duration: 5 Days

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Master

"In the event that you take on this course with no Master Subscription plan, you get a Free Official Exam Voucher (barring buys utilizing Training Vouchers/SATV) for the Exam 220-1002 and 220-1001. This course does exclude Exam Voucher whenever enlisted inside the Master Subscription, but you can demand to buy the Official Exam Voucher separately."

About the Course:

It is a broadly held conviction that the CompTIA affirmed A+ experts are stunning issue resolvers. They help the core innovations in play today, for example, data management, security, cloud, and significantly more. If you try to start your profession in the IT business, at that point CompTIA A+ is the best approach. It helps construct the foundation for a fruitful vocation. It is the main execution based qualification that is perceived by the business to feature the capacity of an expert to think about their feet and perform basic support tasks attempted by IT in a jiffy. The certification has a trust factor that gets the eyes of the businesses, everywhere throughout the world, and brands the person to be the issue solver in specialized and end-point management bolster jobs. The credential is continuously refreshed to keep pace with the advancing occasions.

Course Objective:

The course will empower the learner to figure out how to install, configure, optimize, troubleshoot, repair and upgrade, and also perform preventive maintenance on computerized gadgets, PCs, and working frameworks. Those joined up with this course will figure out how to:

- Operating systems support.

- Install, troubleshoot, and configure internal system components.
- Configure and Install peripheral devices and PC system unit components.
- Troubleshoot and Support laptops.
- Configure, Install, and troubleshoot storage devices.
- Troubleshoot and Configure network connections.
- Explain the concepts of network infrastructure.
- Install, design, and troubleshoot multimedia and display gadgets.
- Execute physical security.
- Install, maintain, and configure operating systems.
- Execute cloud computing and client virtualization.
- Secure data and workstations.
- Troubleshoot security issues of the workstation.
- Manage shared resources, users, and workstations.
- Troubleshoot and keep up Microsoft Windows.
- Operational procedures Implementation.
- Troubleshoot and Support mobile devices.
- Install, troubleshoot, and configure print devices.

Targeted Audience:

The course is expected to be attempted by those experts who have fundamental information about PCs and skillfully realize how to utilize it, just as the individuals who plan to get an initial level part as an IT specialist. It can be selected by those understudies who wish to have the certification of CompTIA A+, and need to take the Certification Exam of CompTIA A+ Core 1 220-1001 and the Certification Exam of CompTIA A+ Core 2 220-1002.

Job Roles and Salary Estimate:

Those students who acquire this certification may get one of the below job roles;

- Help Desk Tier 2 Support; These specialists earn on average up to \$45,000/- every year.
- Support Specialist; normally, they get \$54,500/- annually
- Desktop Support Analyst; the specialists involving this job can get on average \$60,000/- annually.
- Field Service Technician; the normal pay of such an expert is \$46,000/- annually

Pre-requisites:

So as to take on this course and finally clear the tests, you should have essential information about PCs and its use, and you ought to have the ability to perform work in the environment of Microsoft® Windows®. Furthermore, you ought to have the option to access and browse for data by means of the Internet and have essential information and comprehension of different processing ideas. So as to acquire these essential level aptitudes, you can take the certification of CompTIA® IT Fundamental+ (Exam FC0-U61) that makes the basis for advanced-level courses.

Course Outline:

Lesson 1: Supporting Operating Systems

- **Topic A:** Identify Common Operating Systems
- **Topic B:** Troubleshooting Methodology
- **Topic C:** Use Windows Features and Tools
- **Topic D:** Manage Files in Windows
- **Topic E:** Manage Disks in Windows
- **Topic F:** Manage Devices in Windows

Lesson 2: Installing and Configuring PC Components

- **Topic A:** Use Appropriate Safety Procedures
- **Topic B:** PC Components
- **Topic C:** Common Connection Interfaces
- **Topic D:** Install Peripheral Devices

Lesson 3: Installing, Configuring, and Troubleshooting Display and Multimedia Devices

- **Topic A:** Install and Configure Display Devices
- **Topic B:** Troubleshoot Display Devices
- **Topic C:** Install and Configure Multimedia Devices

Lesson 4: Installing, Configuring, and Troubleshooting Storage Devices

- **Topic A:** Install System Memory
- **Topic B:** Install and Configure Mass Storage Devices
- **Topic C:** Install and Configure Removable Storage
- **Topic D:** Configure RAID
- **Topic E:** Troubleshoot Storage Devices

Lesson 5: Installing, Configuring, and Troubleshooting Internal System Components

- **Topic A:** Install and Upgrade CPUs
- **Topic B:** Configure and Update BIOS/UEFI

- **Topic C:** Install Power Supplies
- **Topic D:** Troubleshoot Internal System Components
- **Topic E:** Configure a Custom PC

Lesson 6: Installing, Configuring, and Maintaining Operating Systems

- **Topic A:** Configure and Use Linux
- **Topic B:** Configure and Use macOS
- **Topic C:** Install and Upgrade Operating Systems
- **Topic D:** Maintain OSs

Lesson 7: Maintaining and Troubleshooting Microsoft Windows

- **Topic A:** Install and Manage Windows Applications
- **Topic B:** Manage Windows Performance
- **Topic C:** Troubleshoot Windows

Lesson 8: Network Infrastructure Concepts

- **Topic A:** Wired Networks
- **Topic B:** Network Hardware Devices
- **Topic C:** Wireless Networks
- **Topic D:** Internet Connection Types
- **Topic E:** Network Configuration Concepts
- **Topic F:** Network Services

Lesson 9: Configuring and Troubleshooting Networks

- **Topic A:** Configure Network Connection Settings
- **Topic B:** Install and Configure SOHO Networks
- **Topic C:** Configure SOHO Network Security
- **Topic D:** Configure Remote Access
- **Topic E:** Troubleshoot Network Connections
- **Topic F:** Install and Configure IoT Devices

Lesson 10: Managing Users, Workstations, and Shared Resources

- **Topic A:** Manage Users
- **Topic B:** Configure Shared Resources
- **Topic C:** Configure Active Directory Accounts and Policies

Lesson 11: Implementing Client Virtualization and Cloud Computing

- **Topic A:** Configure Client-Side Virtualization
- **Topic B:** Cloud Computing Concepts

Lesson 12: Security Concepts

- **Topic A:** Logical Security Concepts
- **Topic B:** Threats and Vulnerabilities
- **Topic C:** Physical Security Measures

Lesson 13: Securing Workstations and Data

- **Topic A:** Implement Security Best Practices
- **Topic B:** Implement Data Protection Policies
- **Topic C:** Protect Data During Incident Response

Lesson 14: Troubleshooting Workstation Security Issues

- **Topic A:** Detect, Remove, and Prevent Malware
- **Topic B:** Troubleshoot Common Workstation Security Issues

Lesson 15: Supporting and Troubleshooting Laptops

- **Topic A:** Use Laptop Features
- **Topic B:** Install and Configure Laptop Hardware
- **Topic C:** Troubleshoot Common Laptop Issues

Lesson 16: Supporting and Troubleshooting Mobile Devices

- **Topic A:** Mobile Device Types
- **Topic B:** Connect and Configure Mobile Device Accessories
- **Topic C:** Configure Mobile Device Network Connectivity
- **Topic D:** Support Mobile Apps
- **Topic E:** Secure Mobile Devices
- **Topic F:** Troubleshoot Mobile Device Issues

Lesson 17: Installing, Configuring, and Troubleshooting Print Devices

- **Topic A:** Maintain Laser Printers
- **Topic B:** Maintain Inkjet Printers
- **Topic C:** Maintain Impact, Thermal, and 3D Printers
- **Topic D:** Install and Configure Printers
- **Topic E:** Troubleshoot Print Device Issues
- **Topic F:** Install and Configure Imaging Devices

Lesson 18: Implementing Operational Procedures

- **Topic A:** Environmental Impacts and Controls
- **Topic B:** Create and Maintain Documentation
- **Topic C:** Use Basic Change Management Best Practices
- **Topic D:** Implement Disaster Prevention and Recovery Methods
- **Topic E:** Basic Scripting Concepts
- **Topic F:** Professionalism and Communication

Appendix A: Mapping Course Content to CompTIA® A+® Core 1 (Exam 220-1001)

Appendix B: Mapping Course Content to CompTIA® A+® Core 2 (Exam 220-1002)