CompTIA A+ Core 1 (220-1101) Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The CompTIA A+ Core 1 (220-1101) training by Multisoft Systems is meticulously designed for aspiring IT professionals eager to deepen their understanding of core technologies that underpin today's IT environments. This course covers essential domains such as hardware, networking, mobile devices, and network troubleshooting, providing learners with the foundational skills needed to tackle real-world IT challenges.

Module 1: Mobile Devices

- ✓ Install and configure laptop hardware and components
- ✓ Compare and contrast the display components of mobile devices
- ✓ Set up and configure accessories and ports of mobile devices
- ✓ Configure basic mobile-device network connectivity and application support

Module 2: Networking

- ✓ Compare and contrast Transmission Control Protocol (TCP) and User Datagram Protocol (UDP) ports, protocols, and their purposes
- ✓ Compare and contrast common networking hardware
- ✓ Compare and contrast protocols for wireless networking
- ✓ Summarize services provided by networked hosts
- ✓ Install and configure basic wired/wireless small office/home office (SOHO) networks
- ✓ Compare and contrast common network configuration concepts
- ✓ Compare and contrast Internet connection types, network types, and their features
- ✓ Use networking tools

Module 3: Hardware

- ✓ Explain basic cable types and their connectors, features, and purposes
- ✓ Install the appropriate RAM
- ✓ Select and install storage devices
- ✓ Install and configure motherboards, central processing units (CPUs), and add-on cards
- ✓ Install or replace the appropriate power supply
- ✓ Deploy and configure multifunction devices/ printers and settings
- ✓ Install and replace printer consumables

Module 4: Virtualization and Cloud Computing

- ✓ Summarize cloud-computing concepts

✓ Summarize aspects of client-side virtualization

Module 5: Hardware and Network Troubleshooting

✓ Apply the best practice methodology to resolve problems

✓ Troubleshoot problems related to motherboards, RAM, CPU, and power

✓ Troubleshoot and diagnose problems with storage drives and RAID arrays

✓ Troubleshoot video, projector, and display issues

✓ Troubleshoot common issues with mobile devices

✓ Troubleshoot and resolve printer issues

✓ Troubleshoot problems with wired and wireless networks