Online CompTIA A+ Certification Course

290 Hours / 6 Months

Course Description

This course will prepare you for CompTIA A+ certification. You can earn this certification after you pass two exams. The CompTIA A+ Certification Exam 220-1001, covers mobile devices, networking technology, hardware, virtualization and cloud computing and network troubleshooting. The CompTIA A+ Certification Exam 220-1002 covers installing and configuring operating systems, expanded security, software troubleshooting and operational procedures.

CompTIA™ A+ Certification is vendor neutral and internationally recognized, giving you a competitive advantage no matter what country you're working in and what hardware you're working with.

Prerequisites

There are no prerequisites to enroll in this course, however you should have basic knowledge of computer hardware and operating systems—for example, how to power up and log on to a machine, how to use a mouse and keyboard, and basic Microsoft Windows navigation skills.

What You Will Learn

- Understand basic PC hardware and its functions
- Learn the installation, maintenance, and troubleshooting processes for most devices
- Master the setup and installation of various operating systems
- Learn how to manage desktop and mobile devices

Hardware Requirements
- This course can be taken on either a PC or Mac. Mac users are encouraged to have access to a Windows environment on their device

Software Requirements:

- PC: Windows 8 or newer.
- Mac: OS X Snow Leopard 10.6 or later.
- Browser: The latest version of Google Chrome or Mozilla Firefox are preferred. Microsoft Edge and Safari are also compatible.
- Adobe Acrobat Reader. Click here to download.
- Software must be installed and fully operational before the course begins.

Other:

- Email capabilities and access to a personal email account.

Course Outline

MODULE	TOPICS COVERED
1: Hardware	• Desktop Assembly • Laptop Assembly • Motherboards • BIOS • Processors • Memory
2: Hardware Part II	• Cooling and Power • Troubleshooting • Hard Drives • Storage Devices • Supporting Devices • Installing Devices
3: Networking	• Network Connections • Router Setup • TCP/IP • Local Networking
4: Mobile and More	• Mobile Devices • Mobile Device Security • Virtualization • Printers
5: Windows	• Windows Interfaces and Tools • Additional Interfaces and Tools • Windows Installation • Additional Installations • Maintenance • Command Lines & Remote Desktop
6: Troubleshooting	• Solving Problems • Solving Additional Problems • Boot Process & Startup • Re-installing & Common Issues
7: Security	• Securing Windows • Sharing Windows Resources • Securing Resources • Malicious Software & Best Practices
8: Mac and Linux	• MacOS • Linux

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