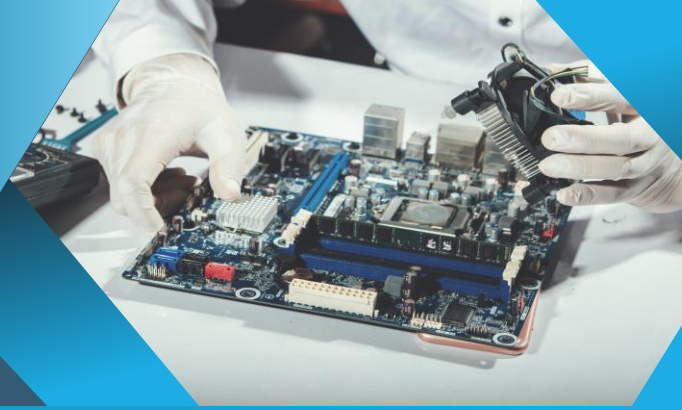




COMPTIA A+ TRAINING COURSE

Overview

CompTIA's A+ certification is considered to be the starting point for information technology professionals. Earning the A+ certification requires the completion of two exams and covers a broad range of technology topics. After earning the CompTIA A+ certification, an A+ certified professional will have an understanding of computer hardware, mobile devices, networking, operating systems, security techniques, and much more.

Exam Information

The current series of the A+ certification is based on the successful completion of the 220-1101 and the 220-1102 exams. You must pass both exams to earn your CompTIA A+ certification.

COMPTIA A+ 220-1201 CORE 1

Course Outline

- **Mobile Devices**
 - Laptop Hardware
 - Laptop Displays
 - Connecting Mobile Devices
 - Mobile Device Accessories
 - Cellular Standards
 - Mobile Device Connectivity
 - Mobile Device Configurations
- **Networking**
 - Introduction to IP

- Common Network Ports
- Network Devices
- Software Defined Networking
- Wireless Network Standards
- Wireless Network Technologies
- Network Services
- IPv4 and IPv6
- Assigning IP Addresses
- DNS Configuration
- DHCP Configuration
- VLANs and VPNs
- Internet Connection Types
- Network Types
- Network Tools

- **Hardware**

- Network Cables
- Optical Fiber
- 568A and 568B Colors
- Peripheral Cables
- Video Cables
- SATA Device Cables
- SCSI Device Cables
- PATA Drive Cables
- Adapters and Converters
- Copper Connectors
- Fiber Connectors
- An Overview of Memory
- Memory Technologies
- Storage Devices
- RAID
- Motherboard Form Factors
- Motherboard Expansion Slots
- Motherboard Connectors
- Motherboard Compatibility
- The BIOS
- BIOS Settings
- CPU Features
- Expansion Cards
- Cooling
- Computer Power
- Multifunction Devices



- Laser Printers
- Laser Printer Maintenance
- Inkjet Printers
- Inkjet Printer Maintenance
- Thermal Printers
- Thermal Printer Maintenance
- Impact Printers
- Impact Printer Maintenance
- 3D Printers

- **Virtualization and Cloud Computing**
 - Cloud Models
 - Cloud Characteristics
 - Client-side Virtualization

- **Hardware and Network Troubleshooting**
 - How to Troubleshoot
 - Troubleshooting Common Hardware Problems
 - Troubleshooting Storage Devices
 - Troubleshooting Video and Display Issues
 - Troubleshooting Mobile Devices
 - Troubleshooting Printers
 - Troubleshooting Networks

COMPTIA A+ 220-1202 CORE 2

- **Operating Systems**
 - An Overview of Windows
 - Windows Upgrades
 - Windows Command Line Tools
 - The Windows Network Command Line
 - Task Manager
 - The Microsoft Management Console
 - Additional Windows Tools
 - The Windows Control Panel
 - Windows Settings
 - Windows Network Technologies
 - Configuring Windows Firewall
 - Windows IP Address Configuration
 - Windows Network Connections



- Installing Applications
- Operating System Overview
- Installing Operating Systems
- Upgrading Windows
- macOS Overview
- macOS System Preferences
- macOS Features
- Linux Commands
- Linux Features

- **Security**

- Physical Security
- Physical Security for Staff
- Logical Security
- Active Directory
- Wireless Encryption
- Authentication Methods
- Malware
- Anti-Malware Tools
- Social Engineering
- Denial of Service
- Zero-Day Attacks
- On-Path Attacks
- Password Attacks
- Insider Threats
- SQL Injection
- Cross-site Scripting
- Security Vulnerabilities
- Defender Antivirus
- Windows Firewall
- Windows Security Settings
- Security Best Practices
- Mobile Device Security
- Data Destruction
- Securing a SOHO Network
- Browser Security

- **Software Troubleshooting**

- Troubleshooting Windows
- Troubleshooting Solutions
- Troubleshooting Security Issues
- Removing Malware
- Troubleshooting Mobile Devices
- Troubleshooting Mobile Device Security



- **Operational Procedures**
 - Ticketing Systems
 - Asset Management
 - Document Types
 - Change Management
 - Managing Backups
 - Managing Electrostatic Discharge
 - Safety Procedures
 - Environmental Impacts
 - Privacy, Licensing, and Policies
 - Communication
 - Professionalism
 - Scripting Languages
 - Scripting Use Cases
 - Remote Access

Certificate

Participants receive a **Certificate of Completion** from Britain International Academy upon finishing all modules and assessments, recognizing their proficiency in advanced business ethics.

