

**Course Title: CompTIA A+ Beginner to Expert [Code-7002]**

Skilltech offer comprehensive course on **CompTIA A+ Beginner to Expert**, Skilltech designed the course with the help of industry leaders and faculty from prestigious institute of India. The course curriculum is prepared in such a way, which help students to learn the concepts quickly and apply in real world application. Comprehensive and quality course material is given to students for reference. SkillTech not only helps students to learn the concepts and technical stuff, also prepare students for interview and provide job assistance.

The **CompTIA A+ course** offer new career in the high-growth field of IT infrastructure security, no degree or experience required. Skilltech professional training designed and delivered by industry experts and faculty from prestigious institute.

**Course Key Features:**

1. **Mobile devices:** Installing and configuring laptops and mobile.
2. **Networking:** Types of networks and connections (TCP/IP, wifi, SOHO, etc.).
3. **Hardware:** Identifying, using, and connecting devices and hardware components.
4. **Hardware and network troubleshooting:** Solving issues with devices and networks.
5. **Security:** Identifying and protecting against vulnerabilities in both devices and networks.
6. **Software troubleshooting:** Resolving issues with applications on PC and mobile devices, including security support

**Skills Covered in Course:** (Will Be displayed on the first Page)

1. Understand the basics of networking and security.
2. Understand the basics of scripting, virtualization, desktop imaging & deployment.
3. Provide appropriate customer support.
4. Assemble components based on customer requirements.
5. Install, configure, and maintain PCs, mobile devices, and software for end users
6. Properly and safely diagnose, resolve, and document common hardware and software issues.

**Course Card Details**

1. CompTIA A+ certification is an entry-level qualification in the information technology (IT) industry.
2. CompTIA, the A+ certification is widely accepted as an industry standard certification often used to start a career in IT.
3. The exams will test your knowledge of operating systems, mobile devices, security, networking, hardware, and virtualization and cloud computing.
4. The CompTIA A+ certification is widely recognized as the go-to certification for an entry-level position in IT.

**Topic Covered:****CompTIA A+**

### **1- Installing Motherboards and Connectors.**

- ✓ Explain Cable Types and Connectors.
- ✓ Install and Configure Motherboards.
- ✓ Explain Legacy Cable Types.

### **2-Installing System Devices.**

- ✓ Install and Configure Power Supplies and Cooling.
- ✓ Select and Install Storage Devices.
- ✓ Install and Configure System Memory.
- ✓ Install and Configure CPUs

### **3-Troubleshooting PC Hardware.**

- ✓ Apply Troubleshooting Methodology.
- ✓ Configure BIOS/UEFI.
- ✓ Troubleshoot Power and Disk Issues.
- ✓ Troubleshoot System and Display Issues.

### **4-Comparing Local Networking Hardware.**

- ✓ Compare Network Types.
- ✓ Compare Networking Hardware.
- ✓ Explain Network Cable Types.
- ✓ Compare Wireless Networking Types.

### **5-Configuring Network Addressing and Internet Connections.**

- ✓ Compare Internet Connection Types.
- ✓ Use Basic.
- ✓ Compare Protocols and PortsTCP/IP Concepts.
- ✓ Compare Network Configuration Concepts.

### **6-Supporting Network Services.**

- ✓ Summarize Services Provided by Networked Hosts.
- ✓ Compare Internet and Embedded Appliances.
- ✓ Troubleshoot Networks.

### **7-Summarizing Virtualization and Cloud Concepts.**

- ✓ Summarize Client-Side Virtualization.
- ✓ Summarize Cloud Concepts

### **8-Supporting Mobile Devices.**

- ✓ Set Up Mobile Devices and Peripherals.
- ✓ Configure Mobile Device Apps.

- ✓ Install and Configure Laptop Hardware.
- ✓ Troubleshoot Mobile Device Issues.

#### **9-Supporting Print Devices.**

- ✓ Deploy Printer and Multifunction Devices.
- ✓ Replace Print Device Consumables.
- ✓ Troubleshoot Print Device Issues.

#### **10-Configuring Windows.**

- ✓ Configure Windows User Settings
- ✓ Configure Windows System Settings.

#### **11-Managing Windows.**

- ✓ Use Management Consoles.
- ✓ Use Performance and Troubleshooting Tools.
- ✓ Use Command-line Tools.

#### **12-Identifying OS Types and Features.**

- ✓ Explain OS Types.
- ✓ Compare Windows Editions.

#### **13-Supporting Windows.**

- ✓ Perform OS Installations and Upgrades.
- ✓ Install and Configure Applications.
- ✓ Troubleshoot Windows OS Problems.

#### **14-Managing Windows Networking.**

- ✓ Manage Windows Networking.
- ✓ Troubleshoot Windows Networking.
- ✓ Configure Windows Security Settings.
- ✓ Manage Windows Shares.

#### **Lesson 15: Managing Linux and macOS 2 Hours - 2 Topics**

- ✓ Identify Features of Linux.
- ✓ Identify Features of macOS.

#### **16-Configuring SOHO Network Security.**

- ✓ Explain Attacks, Threats, and Vulnerabilities.
- ✓ Compare Wireless Security Protocols.
- ✓ Configure SOHO Router Security.
- ✓ Summarize Security Measures.

**17-Managing Security Settings.**

- ✓ Configure Workstation Security.
- ✓ Configure Browser Security.
- ✓ Troubleshoot Workstation Security Issues.

**18-Supporting Mobile Software.**

- ✓ Configure Mobile OS Security.
- ✓ Troubleshoot Mobile OS and App Software.
- ✓ Troubleshoot Mobile OS and App Security.

**19-Using Support and Scripting Tools.**

- ✓ Use Remote Access Technologies.
- ✓ Implement Backup and Recovery.
- ✓ Explain Data Handling Best Practices.
- ✓ Identify Basics of Scripting.

**20- Implementing Operational Procedures.**

- ✓ Implement Best Practice Documentation.
- ✓ Use Proper Communication Techniques.
- ✓ Use Common Safety and Environmental Procedures.

===== End =====