

**Document Generated: 06/20/2026**

**Learning Style: Virtual Classroom**

**Technology: CompTIA**

**Difficulty: Beginner**

**Course Duration:**

## CompTIA A+ Core 1 (220-1201)



### About This Course:

The CompTIA A+ Core 1 (220-1201) course is designed to build a strong foundation in IT support and technical troubleshooting. This course covers essential hardware, networking, mobile devices, virtualization, and cloud computing concepts required for entry-level IT roles

## **Course Objectives:**

- Identify and configure computer hardware components including CPUs, memory, storage, and peripherals
- Install and support mobile devices such as laptops, smartphones, and tablets
- Understand networking fundamentals, including cabling, IP addressing, and wireless technologies
- Explain virtualization and cloud computing concepts, including service and deployment models
- Apply a structured troubleshooting methodology to resolve hardware and network issues

## **Audience:**

- Aspiring IT Support / Help Desk professionals
- Students and fresh graduates entering the IT field
- Career switchers looking to move into technology roles
- Technical support staff seeking formal certification

## **Prerequisites:**

- Basic computer usage skills
- Familiarity with operating a PC or laptop
- Interest in pursuing a career in IT support or infrastructure

## **Course Outline:**

- Support operating systems.
- Install and configure PC system unit components and peripheral devices.
- Install, configure, and troubleshoot display and multimedia devices.

- Install, configure, and troubleshoot storage devices.
- Install, configure, and troubleshoot internal system components.
- Install, configure, and maintain operating systems.
- Maintain and troubleshoot Microsoft Windows.
- Explain network infrastructure concepts.
- Configure and troubleshoot network connections.
- Manage users, workstations, and shared resources.
- Implement client virtualization and cloud computing.
- Implement physical security.
- Secure workstations and data.
- Troubleshoot workstation security issues.
- Support and troubleshoot laptops.
- Support and troubleshoot mobile devices.
- Install, configure, and troubleshoot print devices.
- Implement operational procedures.