

CompTIA A+ Training Course

CompTIA A+ is an entry-level certification that verifies foundational skills in PC hardware, software, and networking, essential for IT support roles.

IT-101

Course Outcomes

Professional, practical, & hands-on live instructor-led training

Start as a beginner and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

 Start Today

Potential Career Tracks

IT Support Technician

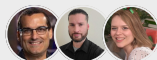
Help Desk Support Specialist

Technical Support Specialist

Field Service Technician

Network Technician

System Support Specialist



Taught by Industry Veterans &
World Class Instructors

Introduction to CompTIA A+

Course Overview

Intellectual Point's CompTIA A+ Training Course is meticulously designed to equip learners with the essential skills and knowledge to become proficient IT professionals. This comprehensive course prepares participants for the two CompTIA A+ certification exams, covering a breadth of topics central to technical support and IT operational roles. Through a blend of lectures, hands-on labs, and real-world scenarios, students gain a robust understanding of hardware, networking, mobile devices, operating systems, and software troubleshooting. By completion, attendees will possess the capability to manage and troubleshoot a wide array of technology issues effectively.

Throughout the course, you will explore diverse IT environments, focusing on diagnostics, repair, maintenance, and security best practices. Practical exercises will enable you to master hardware installation, configuration, and network setup. By the end, you'll confidently apply your skills to improve efficiency and resolve technical issues, preparing you to excel in various IT roles.

Obtainable Skills

Hardware Installation and Configuration

Network Setup and Troubleshooting

Operating System Configuration

Mobile Device Support

Software Install and Maintenance

Security Protocols Implementation

Troubleshooting Methodologies

Technical Support and Service Management

Certification Exam Preparation

Course Insights

Audience Profile

This CompTIA A+ Training Course is ideal for aspiring IT professionals, entry-level technicians, and individuals new to the technology field seeking foundational IT skills. It caters to individuals with a general interest in computers and technology, as well as career changers desiring expertise in IT support and technical troubleshooting. High school graduates, college students, and professionals from non-IT backgrounds will find this course particularly beneficial in launching their careers in a high-demand technology industry. It's also perfect for those wishing to formalize their technical skills with an industry-recognized certification.

Course Outcomes

By the end of this course, participants will:

1 Attain foundational knowledge in IT hardware and software components.

2 Demonstrate capability to install and configure computer operating systems.

3 Effectively troubleshoot network and hardware issues across various devices.

4 Apply security best practices to safeguard IT environments.

5 Prepare thoroughly for the CompTIA A+ certification exams, enhancing employability in IT roles.

Module by Module Learning *Outline*

 6 Modules

Module 1: Introduction to IT Concepts and Hardware Fundamentals

Learning Objectives:

- Understand the basic components of a computer system.
- Learn to install and configure hardware components.

Topics Covered

Overview of Computer Hardware:

- Identifying and understanding common hardware components.
- Introduction to motherboard, CPU, RAM, and storage devices.

System Assembly and Maintenance:

- Techniques for assembling and upgrading hardware.
- Maintenance best practices for hardware longevity.

Module 2: Networking Essentials and Configuration

Learning Objectives:

- Grasp fundamental networking concepts.
- Develop skills for configuring and troubleshooting networks.

Topics Covered

Networking Basics:

- Key networking terminologies and standards.
- Overview of network types and topologies.

Network Configuration:

- Setting up wired and wireless networks.
- Troubleshooting common network connectivity issues.

Module 3: Operating Systems and Software Management

Learning Objectives:

- Gain proficiency in operating system installation and management.
- Learn to troubleshoot software issues and perform maintenance.

Topics Covered

Operating System Installation:

- Differences between major operating systems (Windows, macOS, Linux).
- Installation and configuration of operating systems.

Software Management:

- Techniques for software installation and updates.
- Troubleshooting software related problems.

Module 4: Mobile Devices and Technology Support

Learning Objectives:

- Understand the components and functionality of mobile devices.
- Learn to provide technical support for mobile technologies.

Topics Covered

Mobile Device Fundamentals:

- Overview of smartphones, tablets, and other mobile devices.
- Key features and operating systems used in mobile devices.

Mobile Device Troubleshooting:

- Common issues with mobile devices and solutions.
- Techniques for managing mobile device security.

Module 5: Security Best Practices and Troubleshooting

Learning Objectives:

- Implement basic security protocols to protect IT systems.
- Develop effective troubleshooting methodologies.

Topics Covered

IT Security Fundamentals:

- Importance of cybersecurity and risk management.
- Best practices for securing hardware and software.

Troubleshooting Techniques:

- Systematic approaches to diagnosing technical problems.
- Tools and resources for effective troubleshooting.

Module 6: Practical Lab Exercises and Exam Preparation

Learning Objectives:

- Apply theoretical knowledge through practical lab exercises.
- Prepare effectively for the CompTIA A+ certification exams.

Topics Covered

Hands-On Labs:

- Real world scenarios for hardware and network configuration.
- Lab exercises on system assembly and software installation.

Exam Preparation Strategies:

- Overview of the CompTIA A+ exam structure and content.
- Study tips and practice questions to ensure exam readiness.