

CompTIA Tech+ Training Course

CompTIA Tech+ is a certification that equips you with essential technical skills to effectively manage and troubleshoot modern IT environments.

IT-100

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

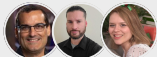
Help Desk Support Specialist

Technical Support Engineer

Field Service Technician

Junior Systems Administrator

Network Technician



Taught by Industry Veterans &
World Class Instructors

Introduction to CompTIA Tech+

Course Overview

Intellectual Point's CompTIA Tech+ Training Course is meticulously crafted to arm you with the essential skills and technical knowledge crucial for a successful career in technology. This program prepares participants for the CompTIA Tech+ certification exam, ensuring that you can leverage best practices in various IT roles, including troubleshooting, servicing, and supporting modern technology solutions. Designed for both beginners and those looking to expand their current IT knowledge, the course encompasses fundamental hardware and software technologies within enterprise settings.

Throughout the training, you will navigate through hardware installations, software management, networking essentials, and security practices. The course emphasizes hands-on learning through interactive labs and real-world exercises that enhance your technical problem-solving abilities. By the end of this rigorous training, you will be well-equipped to pass the certification exam and apply your skills to maintain and improve technological infrastructures efficiently.

Obtainable Skills

Hardware Installation and Configuration

Software Troubleshooting

Basic Network Setup and Maintenance

Operating System Installation

Security Best Practices

Mobile Device Support

Customer Service Techniques

Technology Lifecycle Management

Certification Exam Preparation

Course Insights

Audience Profile

The CompTIA Tech+ course is tailored for aspiring IT professionals, entry-level technicians, and individuals keen on building a foundational understanding of computing technology. Ideal for recent graduates, autodidacts, and career changers aiming to break into the IT industry, this course caters to those who are passionate about technology and eager to learn practical skills that are immediately applicable in the workplace. It is equally suitable for those seeking to future-proof their careers in technology with an industry-standard credential.

Course Outcomes

By the end of this course, participants will:

1 Learn to effectively install and configure both hardware and software components.

2 Develop troubleshooting techniques that apply to a wide range of IT systems and devices.

3 Understand foundational networking concepts and security practices essential for IT roles.

4 Acquire hands-on experience with real-world IT scenarios and customer interaction.

5 Prepare thoroughly for the CompTIA Tech+ certification to enhance your employability.

Module by Module Learning *Outline*

6 Modules

Module 1: Introduction to IT Fundamentals

Learning Objectives:

- Understand the basic components of computer systems and their functions.
- Familiarize with different roles and responsibilities in IT support.

Topics Covered

Overview of Computer Hardware:

- Key hardware components: CPU, RAM, storage devices.
- Input/output devices and their functionalities.

Introduction to Software Systems:

- Types of software: System software vs. application software.
- Role of operating systems and user interfaces in computing.

Module 2: Hardware Installation and Configuration

Learning Objectives:

- Gain proficiency in hardware installation and component configuration.
- Learn to troubleshoot and resolve basic hardware issues.

Topics Covered

Understanding Hardware Specifications:

- Interpreting hardware manuals and specification sheets.
- Selection criteria for hardware based on user needs.

Practical Hardware Installation:

- Step-by-step installation of internal and external peripherals.
- Configuring BIOS/UEFI settings and system updates.

Module 3: Software Management and Troubleshooting

Learning Objectives:

- Develop skills for software installation, configuration, and troubleshooting.
- Understand software licensing and updates.

Topics Covered

Software Installation Procedures:

- Installing and configuring operating systems and applications.
- Managing software versions and updates.

Common Software Issues:

- Identifying software conflicts and performance issues.
- Tools and techniques for software troubleshooting.

Module 4: Networking Essentials

Learning Objectives:

- Understand the basic principles of networking and network device configurations.
- Set up and manage local area network (LAN) connections.

Topics Covered

Networking Concepts:

- Overview of network types and topologies.
- Protocols and services: TCP/IP, DNS, DHCP.

Network Device Configuration:

- Setting up switches, routers, and modems.
- Basic network security configurations and troubleshooting.

Module 5: Security Best Practices

Learning Objectives:

- Learn foundational cybersecurity practices to protect IT systems.
- Identify and mitigate common security threats.

Topics Covered

Introduction to Security Concepts:

- Understanding confidentiality, integrity, and availability.
- Common security vulnerabilities and threats.

Implementing Security Measures:

- Basics of firewalls, antimalware, and security patches.
- Best practices for securing networks and data.

Module 6: Certification Exam Preparation

Learning Objectives:

- Prepare thoroughly for the CompTIA Tech+ certification exam.
- Review and reinforce key concepts from previous modules.

Topics Covered

Exam Structure and Sample Questions:

- Understanding the exam format and types of questions.
- Techniques for answering multiple choice and performance based questions.

Comprehensive Review:

- Revisiting key hardware, software, networking, and security topics.
- Hands-on exercises and practice tests to reinforce learning.