



A+



About Course

The CompTIA A+ certification is designed to help you land an entry-level position in IT by ensuring you know the basics of working with hardware, networks, and computer systems. The CompTIA A+ certification is an entry-level qualification in the information technology (IT) industry.

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CURRICULUM

① Hardware Fundamentals

Personal Computer Components

Storage Devices

Mobile Digital Devices

Connection Interfaces

② Operating System Fundamentals

PC and Mobile Operating Systems

PC Operating System Tools and Utilities

③ Networking And Security Fundamentals

Network Types

Network Components

Common Network Services

Cloud Concepts

Security Fundamentals

④ Safety And Operational Procedures

Basic Maintenance Tools and Techniques

Personal and Electrical Safety

Environmental Safety and Materials

5 Professionalism And Communication

Organizational Policies and Procedures
Troubleshooting Theory

6 Supporting Display Devices

Install Display Devices
Configure Display Devices
Troubleshoot Video and Display Devices

7 Installing And Configuring Peripheral Components

Install and Configure Input Devices
Install and Configure Output Devices
Install and Configure Input/Output Devices
Install and Configure Expansion Cards

8 Managing System Components

Identify Motherboard Components and Features
Install and Configure CPUs and Cooling Systems
Install Power Supplies
Troubleshoot System Components

9 Managing Data Storage

Identify RAM Types and Features

Troubleshoot RAM Issues
Install and Configure Storage Devices
Configure the System Firmware
Troubleshoot Hard Drives and RAID Arrays

10 Installing And Configuring Microsoft Windows

Implement Client-Side Virtualization
Install Microsoft Windows
Use Microsoft Windows
Configure Microsoft Windows
Upgrade Microsoft Windows

11 Optimizing And Maintaining Microsoft Windows

Optimize Microsoft Windows
Back Up and Restore System Data
Perform Disk Maintenance
Update Software

12 Working With Other Operating Systems

The OS X Operating System
The Linux Operating System

13 Customized Client Environments

Types of Common Business Clients
Custom Client Environments

14 Networking Technologies

TCP/IP Properties and Characteristics

TCP/IP

Internet Connections

Ports and Protocols

Networking Tools

15 Installing And Configuring Networking Capabilities

Configure Basic Windows Networking

Configure Network Perimeters

Using Windows Networking Features

Install and Configure SOHO Networks




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