



CompTIA A+ Course Outline



ERIC REED

CYBERSECURITY TRAINING
PASS ON THE FIRST ATTEMPT!™



COMPANY OVERVIEW

For over 25 years, Eric Reed Cybersecurity Training has been a trusted leader in cybersecurity education, equipping more than 60,000 professionals with the skills needed to defend against emerging cyber threats. Our mission is to empower individuals and organizations with comprehensive, hands-on training that translates directly to real-world success. Recognized with multiple industry awards—including an unprecedented 10-time EC Council Instructor of the Year and 7-time Circle of Excellence honoree—we combine innovative delivery methods with a passion for excellence to ensure our students achieve certification success on the first attempt



COMPTIA A+

The CompTIA A+ certification is an entry-level credential designed for aspiring IT professionals, focusing on foundational IT skills such as hardware, software, troubleshooting, and networking. It is ideal for those pursuing roles like IT support technician or help desk analyst.



ONLINE LIVE
LEARNING



ON-DEMAND
LIVE LEARNING

ONLINE LIVE & ON-DEMAND LIVE

All the benefits of live, instructor-led training with the convenience of on-demand.

- **Online Live:** Attend our scheduled sessions in real time (Monday–Friday). Get immediate interaction with the instructor and fellow students.
- **On-Demand Live:** Access recordings of the most recent live sessions on your own schedule, while still having direct instructor support.
- **Flexible Scheduling:** Choose a structured approach—one-week bootcamp (M–F), two nights a week for five weeks, or every Saturday for five weeks. Need more wiggle room? Adjust any schedule to fit your lifestyle!



COURSE OBJECTIVES

- Understand hardware components and their functions.
- Install, configure, and troubleshoot operating systems.
- Perform basic networking tasks and security measures.
- Identify and resolve common software and hardware issues.
- Apply best practices in customer support and IT service management.



SALARY RANGE

A+ → \$50,000 - \$70,000

These figures are approximate and depend on location, experience, and job role. Higher salaries are usually seen in major tech hubs and with significant experience.



JOB ROLES

- **Help Desk**
- **IT Support**



"It's was a great class that covered all aspects of security. Most importantly, I appreciate the fact that you are giving up your own time to assist us and maintain a sharedrive with the latest security tools and informative papers even after the class is over. I was able to pass the test after one week of attending the training."

-Shadi Ehalabi

Contact Us

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CompTIA A+ Course Outline



COMPTIA A+ OVERVIEW

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 TCP/IP Concepts

Compare Protocols and Ports

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



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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



15 - Managing Linux and macOS

Identify Features of Linux
Identify Features of macOS



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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