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Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 1 Week

CompTIA A+ Certification



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Course Outline:

- Core 1:

- Module 1: What Does an IT Specialist Do?
    - Lesson 1.1: The Hero of Problem Solving

    - Lesson 1.2: The Troubleshooting Methodology
- Module 2: Installing Motherboards and Connectors
    - Lesson 2.1: Cables and Connectors
    - Lesson 2.2: Motherboards
    - Lesson 2.3: Legacy Cables
- Module 3: Installing System Devices
    - Lesson 3.1: Power Supplies and Cooling
    - Lesson 3.2: Storage Devices
    - Lesson 3.3: System Memory
    - Lesson 3.4: CPUs
- Module 4: Troubleshooting PC Hardware
    - Lesson 4.1: BIOS and UEFI
    - Lesson 4.2: Power and Disk Issues
    - Lesson 4.3: System and Display Issues
- Module 5: Comparing Local Networking Hardware
    - Lesson 5.1: Network Types
    - Lesson 5.2: Networking Hardware
    - Lesson 5.3: Network Cable Types
    - Lesson 5.4: Wireless Networking Types
- Module 6: Configuring Network Addressing and Internet Connections
    - Lesson 6.1: Internet Connection Types
    - Lesson 6.2: TCP/IP Concepts
    - Lesson 6.3: Network Communications
    - Lesson 6.4: Network Configuration Concepts
- Module 7: Supporting Network Services
    - Lesson 7.1: Networked Host Services
    - Lesson 7.2: Internet and Embedded Appliances
    - Lesson 7.3: Troubleshoot Networks
- Module 8: Summarizing Virtualization and Cloud Concepts
    - Lesson 8.1: Client-Side Virtualization
    - Lesson 8.2: Cloud Concepts
- Module 9: Supporting Mobile Devices
    - Lesson 9.1: Mobile Devices and Peripherals
    - Lesson 9.2: Mobile Apps and Data
    - Lesson 9.3: Laptop Hardware
    - Lesson 9.4: Troubleshoot Mobile Devices
- Module 10: Supporting Print Devices
    - Lesson 10.1: Printers and Multifunction Devices
    - Lesson 10.2: Print Device Maintenance
    - Lesson 10.3: Troubleshoot Print Devices

- Core 2:

- Module 1: What Does an IT Specialist Do?
    - Lesson 1.1: The Hero of Problem Solving
    - Lesson 1.2: The Troubleshooting Methodology
- Module 2: Managing Support Procedures
    - Lesson 2.1: Documentation

    - Lesson 2.2: Professional Communication
    - Lesson 2.3: Types of Operating Systems
- Module 3: Configuring Windows
    - Lesson 3.1: Windows User Settings
    - Lesson 3.2: Windows System Settings
    - Lesson 3.3: Install and Configure Applications
    - Lesson 3.4: Cloud-Based Applications
- Module 4: Managing Windows
    - Lesson 4.1: Use Management Consoles
    - Lesson 4.2: Command-Line Tools
    - Lesson 4.3: Windows Networking
- Module 5: Supporting Windows
    - Lesson 5.1: Troubleshoot Windows Networking
    - Lesson 5.2: Remote Access Technologies
    - Lesson 5.3: Performance and Troubleshooting Tools
    - Lesson 5.4: Troubleshoot Windows OS Problems
- Module 6: Securing Windows
    - Lesson 6.1: Logical Security Concepts
    - Lesson 6.2: Windows Security Settings
    - Lesson 6.3: Windows Shares
- Module 7: Installing Operating Systems
    - Lesson 7.1: Windows Editions
    - Lesson 7.2: OS Installations and Upgrades
- Module 8: Supporting Other OS
    - Lesson 8.1: Linux Features
    - Lesson 8.2: Package and Network Management
    - Lesson 8.3: macOS Features
- Module 9: Configuring SOHO Network Security
    - Lesson 9.1: Attacks, Threats, and Vulnerabilities
    - Lesson 9.2: Wireless Security Protocols
    - Lesson 9.3: SOHO Router Security
    - Lesson 9.4: Additional Security Measures
- Module 10: Managing Security Settings
    - Lesson 10.1: Account Security
    - Lesson 10.2: Workstation Security
    - Lesson 10.3: Browser Security
    - Lesson 10.4: Troubleshoot Workstation Security
- Module 11: Supporting Mobile Software
    - Lesson 11.1: Mobile OS Security
    - Lesson 11.2: Troubleshoot Mobile OS and App Software
    - Lesson 11.3: Troubleshoot Mobile OS and App Security
- Module 12: Using Data Security
    - Lesson 12.1: Data Backup and Recovery
    - Lesson 12.2: Data Handling Best Practices
    - Lesson 12.3: Artificial Intelligence
- Module 13: Implementing Operational Procedures
    - Lesson 13.1: Change and Inventory Management
    - Lesson 13.2: Common Safety and Environmental Procedures
    - Lesson 13.3: Scripting Basics