

CompTIA A+ Certification Professional

Course Outline

Lesson 1: Personal Computer Components

Topics:

- Personal Computer Components
- System Unit Components
- Storage Devices
- Personal Computer Connection Methods

Lesson 2: Operating System Fundamentals

Topics:

- Personal Computer Operating Systems
- Windows User Interface Components
- Windows File System Management
- Windows System Management Tools

Lesson 3: PC Technician Professional Best Practices

Topics:

- Tools of the Trade
- Electrical Safety
- Environmental Safety and Materials Handling
- Perform Preventative Maintenance
- Diagnostics and Troubleshooting
- Professionalism and Communication

Lesson 4: Installing and Configuring Peripheral Components

Topics:

- Install and Configure Display Devices
- Install and Configure Input Devices
- Install and Configure Adapter Cards
- Install and Configure Multimedia Devices

Lesson 5: Installing and Configuring System Components

Topics:

- Install and Configure Storage Devices
- Install and Configure Power Supplies
- Install and Configure Memory

- Install and Configure CPUs
- Install and Configure System Boards

Lesson 6: Maintaining and Troubleshooting Peripheral Components

Topics:

- Troubleshoot Display Devices
- Maintain and Troubleshoot Input Devices
- Troubleshoot Adapter Cards
- Troubleshoot Multimedia Devices

Lesson 7: Troubleshooting System Components

Topics:

- Troubleshoot Storage Devices
- Troubleshoot Power Supplies
- Troubleshoot Memory
- Troubleshoot CPUs
- Troubleshoot System Boards

Lesson 8: Installing and Configuring Operating Systems

Topics:

- Install Microsoft Windows
- Upgrade Windows
- Add Devices to Windows
- Optimize Windows

Lesson 9: Maintaining and Troubleshooting Microsoft Windows

Topics:

- Operating System Utilities
- Maintain Microsoft Windows
- Troubleshoot Microsoft Windows
- Recover Microsoft Windows

Lesson 10: Network Technologies

Topics:

- Network Concepts
- Network Communications
- Network Connectivity
- Internet Technologies

Lesson 11: Installing and Managing Network Connections

Topics:

- Create Network Connections
- Install and Configure Web Browsers
- Maintain and Troubleshoot Network Connections

Lesson 12: Supporting Laptops and Portable Computing Devices

Topics:

- Laptop and Portable Computing Device Components
- Install and Configure Laptops and Portable Computing Devices
- Maintain and Troubleshoot Laptops and Portable Computing Devices

JOB OPPORTUNITY OF THE COURSE

Support Specialist

Field Service Technician

Desktop Support Analyst

Junior Network Administrator

Computer
Technician

Network Field Technician

Help Desk
Technician

Junior System Engineer

System Engineer

IS Consultant

Network Support
Specialist

Network Field Engineer

Network Analyst