



Course 220-1001

CompTIA A+

Course Length	: 40 Hours
Professional Series	: 5 Day
Academic Series	: 8 Weeks

Module 1:

Installing and Configuring PC Components

- Use Appropriate Safety Procedures
- PC Components
- Common Connection Interfaces
- Install Peripheral Devices
- Troubleshooting Methodology

Module 2:

Installing, Configuring, and Troubleshooting Display and Multimedia Devices

- Install and Configure Display Devices
- Troubleshoot Display Devices
- Install and Configure Multimedia Devices

Module 3:

Installing, Configuring, and Troubleshooting Storage Devices

- Install System Memory
- Install and Configure Mass Storage Devices
- Install and Configure Removable Storage
- Configure RAID
- Troubleshoot Storage Devices

Module 4:

Installing, Configuring, and Troubleshooting Internal System Components

- Install and Upgrade CPUs
- Configure and Update BIOS/UEFI
- Install a PSU
- Troubleshoot Internal System Components
- Configure a Custom PC

Module 5:

Network Infrastructure Concepts

- Wired Networks
- Network Hardware Devices
- Wireless Networks
- Internet Connection Types
- Network Configuration Concepts
- Network Services

Module 6:

Configuring and Troubleshooting Networks

- Configure Network Connection Settings
- Install and configure SOHO Networks
- Configure SOHO Network Security
- Configure Remote Access
- Troubleshoot Network Connections
- Install and Configure IoT Devices

Module 7:

Implementing Client Virtualization and Cloud Computing

- Configure Client-Side Virtualisation
- Cloud Computing Concepts

Module 8:

Supporting and Troubleshooting Laptops

- Use Laptop Features
- Install and Configure Laptop Hardware
- Troubleshoot Common Laptop Issues

Module 9:

Supporting and Troubleshooting Mobile Devices

- Mobile Device Types
- Connect and Configure Mobile Device Accessories
- Configure Mobile Device Network Connectivity
- Support Mobile Apps

Module 10:

Installing, Configuring and Troubleshooting Print Devices

- Maintain Laser Printers
- Maintain Inkjet Printers
- Maintain Impact, Thermal and 3D Printers
- Install and Configure Printers
- Troubleshoot Print Device Issues
- Install and Configure Imaging Devices

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Module 1:

Supporting Operating Systems

- Identifying Common Operating Systems
- Use Windows Features and Tools
- Manage Files in Windows
- Manage Disks in Windows
- Manage Devices in Windows

Module 2:

Installing, Configuring, and Maintaining Operating Systems

- Configure and use Linux
- Configure and use MacOS
- Install and Upgrade Operating Systems
- Maintain Operating Systems

Module 3:

Maintaining and Troubleshooting Microsoft Windows

- Install and Manage Windows Applications
- Manage Windows Performance
- Troubleshoot Windows

Module 4:

Configuring and Troubleshooting Networks

- Configure Network Connection Settings
- Install and Configure SOHO networks
- Configure SOHO Network Security
- Configure Remote Access
- Troubleshoot Network Connections

Module 5:

Managing Users, Workstations, and Shared Resources

- Manage Users
- Configure Shared Resources
- Configure Active Directory Accounts and Policies

Module 6:

Security Concepts

- Logical Security Concepts
- Threats and Vulnerabilities
- Physical Security Measures

Module 7:

Securing Workstations and Data

- Implement Security Best Practices
- Implement Data Protection Policies
- Protect Data During an Incident Response

Module 8:

Troubleshooting Workstation Security Issues

- Detect, Remove, and Prevent Malware
- Troubleshoot Common Workstation Security Issues

Module 9:

Supporting and Troubleshooting Mobile Devices

- Secure Mobile Devices
- Troubleshoot Mobile Device Issues

Module 10:

Implementing Operational Procedures

- Use Appropriate Safety Procedures
- Environmental Impacts and Controls
- Create and Maintain Documentation
- Use Basic Change Management Best Practices
- Implement Disaster Prevention and Recovery Methods
- Basic Scripting Concepts
- Professionalism and Communication

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