

CompTIA A+

Duration: 40 Hrs

Course Outline

Personal Computer Components

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

Operating System Fundamentals

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

PC Technician Professional Best Practices

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

Installing and Configuring Peripheral Components

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

Installing and Configuring System Components

- Install and Configure Storage Devices
- Install and Configure Power Supplies
- Install and Configure Memory
- Install and Configure CPUs
- Install and Configure System Boards

Maintaining and Troubleshooting Peripheral Components

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

Troubleshooting System Components

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

Installing and Configuring Operating Systems

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

Maintaining and Troubleshooting Micro- soft Windows

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

Network Technologies

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

Installing and Managing Network Connections

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

Supporting Laptops and Portable Computing Devices

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

Supporting Printers and Scanners

- Printer and Scanner Technologies
- Printer and Scanner Components
- Printer and Scanner Processes
- Install and Configure Printers and Scanners
- Maintain and Troubleshoot Printers and Scanners

Personal Computer Security Concepts

- Security Fundamentals
- Security Protection Measures
- Data and Physical Security
- Wireless Security
- Social Engineering

Supporting Personal Computer Security

- Install and Configure Security Measures
- Maintain and Troubleshoot Security Measures