

Course duration

- 5 days

Course Benefits

- Install and customize Windows 10
- Configure Updates for Windows.
- Configure devices and drivers for Windows.
- Configure storage for Windows.
- Configure network and remote management settings in Windows.
- Configure and manage browsers and applications in Windows.
- Configure account access and authentication.
- Configure file and folder permissions.
- Describe methods for securing Windows 10, common threats and methods for mitigating against them.
- Troubleshoot Windows and application installations.
- Troubleshoot hardware and driver issues.
- Troubleshoot file issues and perform recoveries.

Available Delivery Methods

Public Class

Public expert-led online training from the convenience of your home, office or anywhere with an internet connection. Guaranteed to run .

Private Class

Private classes are delivered for groups at your offices or a location of your choice.

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Installing Windows
 1. Introducing Windows 10

2. Windows 10 Editions and Requirements
3. Deployment Options
4. Upgrading to Windows 10
5. Deployment Tools
6. Lab: In-place upgrade of Win7 to Win 10
7. Lab: Migrating User Settings using USMT
2. Post-installation Configuration and Personalization
 1. Configure and Customize the Windows Start Menu
 2. Common Configuration Options
 3. Advanced Configuration Methods
 4. Managing Drivers and Devices
 5. Lab: Using Settings App & Control Panel
 6. Lab: Using Group Policy Objects
 7. Lab: Using PowerShell to Configure Windows
 8. Lab: Managing local and network printers
3. Updating Windows in Windows 10
 1. Windows Servicing Model
 2. Updating Windows
 3. Lab: Updating Windows 10
4. Configuring Networking
 1. Configure IP Network Connectivity
 2. Implement Name Resolution
 3. Implement Wireless Network Connectivity
 4. Remote Access Overview
 5. Remote Management
 6. Lab: Configuring Network Connectivity
 7. Lab: Configuring and Testing Name Resolution
 8. Lab: Remote Management
5. Configuring Storage
 1. Overview of storage options
 2. Managing Local Storage
 3. Maintaining Disks and Volumes
 4. Managing Storage Spaces
 5. Lab: Managing StorageLab: Compressing Folders
 6. Lab: Enabling Disk Quotas
 7. Lab: Creating a Storage Space
 8. Lab: Synchronizing files with OneDrive
6. Managing Apps in Windows 10
 1. Providing Apps to Users
 2. Managing Universal Windows Apps
 3. Web Browsers in Windows 10
 4. Lab: Sideloaded an App
 5. Lab: Installing and Updating Microsoft Store Apps
 6. Lab: Configuring Internet Explorer Enterprise Mode
 1. Configuring Authorization & Authentication
 1. Authentication
 2. Configuring User Account Control

3. Implementing Device Registration
 4. Lab: Lab: Joining a Domain
 5. Lab: Creating Security Policies
 6. Lab: Configuring UAC
2. Configuring Data Access and Usage
 1. Overview of File Systems
 2. Configuring and Managing File Access
 3. Configuring and Managing Shared Folders
 4. Lab: Creating, Managing, and Sharing a Folder
 5. Lab: Using Conditions to Control Access and Effective Permission
3. Configuring Threat Protection and Advanced Security
 1. Malware and Threat Protection
 2. Windows Defender
 3. Connection Security Rules
 4. Advanced Protection Methods
 5. Lab: Configuring Windows Defender
 6. Lab: Creating Firewall Rules
 7. Lab: Creating Connection Security Rules
 8. Lab: Using EFS
 9. Lab: Using Bitlocker
 10. Lab: Configuring AppLocker
4. Supporting the Windows 10 Environment
 1. Windows Architecture
 2. Support and Diagnostic Tools
 3. Monitoring and Troubleshooting Computer Performance
 4. Lab: Monitoring Events
 5. Lab: Monitoring Reliability and Performance
5. Troubleshooting Files & Applications
 1. File Recovery in Windows 10
 2. Application Troubleshooting
 3. Lab: Using File History to Recover Files
 4. Lab: Troubleshooting Desktop Apps
 5. Lab: Troubleshooting Application Compatibility Issues
 6. Lab: Troubleshooting Microsoft Edge Issues
6. Troubleshooting the OS
 1. Troubleshooting Windows Startup
 2. Troubleshooting Operating System Service Issues
 3. Lab: Recovering using Reset This PC
 4. Lab: Recovering using a Restore Point
7. Troubleshooting Hardware and Drivers
 1. Troubleshooting Device Driver Failures
 2. Overview of Hardware Troubleshooting
 3. Troubleshooting Physical Failures
 4. Lab: Recovering using Driver Rollback

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Windows class:

- Basic understanding of computer networks and hardware concepts.
- Basic understanding of OS and Application concepts.
- Experience with using the Windows OS.