

## 50560 - Windows 7 Essentials: Usability, Security and Manageability

### General Description

This one-day instructor-led course provides students with the knowledge and skills to navigate Windows 7 and perform end-user level tasks. The course focuses on extrapolating the three design enhancements of Windows 7: usability, security, and manageability, with emphasis on exploring the new graphical user interface, and new features.

### Outcomes

At the end of the course, students will be able to:

- Navigate and customize the user interface.
- Explain as well as configure User Account Control.
- Describe and configure Backup and Recovery options.
- Manipulate new file system features, such as Libraries.
- Describe built-in security functionality like Windows Defender.
- Explain the usability and security features of Internet Explorer 9.
- Describe the Network and Sharing Center as well as options for network troubleshooting.
- Summarize new interface features and enhancements, like Start Menu Search and Troubleshooting.
- Understand the benefits and requirements of new technologies such as DirectAccess and AppLocker.



 **1300 86 87246**  
**1300 TO TRAIN**

### Course Details

Course code: 50560  
Duration: 1day  
Starting time: 9am  
Finishing time: 4.30pm

### Booking guidelines

Contact our learning consultants on 1300 86 87246 and we will assist you with your booking.

# Course Outline

## ➤ **Module 1: Usability Enhancements**

This module explains the features of the new Windows 7 interface, as well as new file system features such as Libraries and breadcrumbs. This module also covers Internet Explorer 9, Network and Sharing Center, network troubleshooting, and other new applications and features such as the Snipping Tool and Problem Steps Recorder.

### **Lessons**

- Interface
- File System
- Internet and Networks
- Applications and Features

### **Lab : Introducing the Windows 7 Interface**

- Logging on/off
- Using Start Menu Search
- Pinning Applications and Favorites

### **Lab : Configuring File System**

- Using Breadcrumbs
- Configuring Search Connectors
- Configuring Libraries

### **Lab : Configuring Networking**

- Using Network and Sharing Center
- Understanding Windows Troubleshooting
- Troubleshooting Network Issues

### **Lab : Exploring New Applications and Features**

- Exploring the Devices and Printers Folder
- Using Problem Steps Recorder
- Using Internet Explorer 9

After completing this module, students will be able to:

- Demonstrate usage of Start Menu Search.
- Navigate and customize the user interface.
- Summarize new interface features and enhancements, like Troubleshooting.
- Manipulate new file system features, such as Libraries and Search Connectors.
- Discuss the Network and Sharing Center as well as options for network troubleshooting.

- Describe new features, such as the Devices and Printers folder and Problem Steps Recorder.
- Discuss the benefits and requirements of DirectAccess, VPN Reconnect and BranchCache.

## ➤ **Module 2: Security Enhancements**

This module explains the new security features of Internet Explorer 9, how User Account Control works, and how to secure Windows 7 through integrated security components such as the Action Center, Windows Defender, and BitLocker Drive Protection.

### **Lessons**

- External Security
- Internal Security

### **Lab : Configuring Internet and Network Security**

- Exploring Security Features of IE9
- Configuring Windows Firewall
- Configuring Microsoft Security Essentials

### **Lab : Exploring User Account Control**

- Testing UAC as an Administrator
- Testing UAC as a Standard User
- Setting UAC Levels

After completing this module, students will be able to:

- Explain how to configure User Account Control.
- Describe security features of Internet Explorer 9.
- Demonstrate how to configure Windows Firewall.
- Describe how to interpret and utilize the Action Center.
- Explain the different capabilities of both Standard User and Administrator account types.
- Describe built-in security functionality of Windows Defender and Microsoft Security Essentials.
- Discuss the benefits and requirements of BitLocker Drive Protection.

## ➤ **Module 3: Manageability Enhancements**

- This module explains how to monitor system reliability, perform benchmarking and configure power options using built-in tools. This module also explains how to configure AppLocker application restrictions and describes seven methods of Windows backup and data recovery.

### **Lessons**

- Management Tools
- Backup and Recovery

### **Lab : Testing Reliability and Benchmarking**

- Using Reliability Monitor
- Using Windows Experience Index

### **Lab : Configuring Power Options**

- Setting Up Power Plans
- Configuring Wake-on-LAN

### **Lab : Recovering Data and Files**

- Configuring Backup and Recovery
- Using Previous Versions to Recover Data
- Creating and Examining a System Image

After completing this module, students will be able to:

- Discuss the Windows Experience Index.
- Describe the features of the Reliability Monitor.
- Explain how to configure power plans and other power options.
- Discuss the benefits and requirements of AppLocker.
- Describe seven methods of Windows backup and data recovery.