

# Ultimate Bootcamp®

"Where Great IT Professionals Go For Great Training"

[www.UltimateBootcamp.net](http://www.UltimateBootcamp.net)

## MCITP Windows 7 Enterprise Support Technician Ultimate Bootcamp® (5 days)

### MCITP Overview

This five-day, extended hours, instructor-led Ultimate Bootcamp provides students with the knowledge and skills to successfully install, maintain, and troubleshoot Windows 7 computers. Through practical labs, you'll get invaluable experience with installation and upgrades, remote access, and the new desktop environment. You will learn how Windows 7 allows for vast improvements to security, overall system performance, and deployment—a robust combination unparalleled in the market.

In this Windows 7 Ultimate Bootcamp, you'll focus on successful configuration of the IT Pro tools and applications that ship with Windows 7. You will learn to identify technical problems that can occur on your organization's client computers, and you'll discover the Windows 7 tools used to monitor and maintain those computers. By the end of this bootcamp, you will have installed and configured a Windows 7 desktop that is secure and on the network, while focusing on five main troubleshooting areas: operating system, hardware, networking, security, and applications.

### Prerequisites

- Familiarity with computer hardware and devices, such as the ability to look into Device Manager and look for unsupported devices.
- Experience supporting previous versions of the Windows operating system.
- Basic TCP/IP knowledge, such as knowing why you need to have a valid IP address.
- Basic Windows and Active Directory knowledge, such as knowledge about domain user accounts, domain vs. local user accounts, user profiles, and group membership.

**Course Duration:** Five Days, 8:00am-6:00pm

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Go For Great Training"



Call Ultimate Bootcamp Today!  
1-877-484-1182

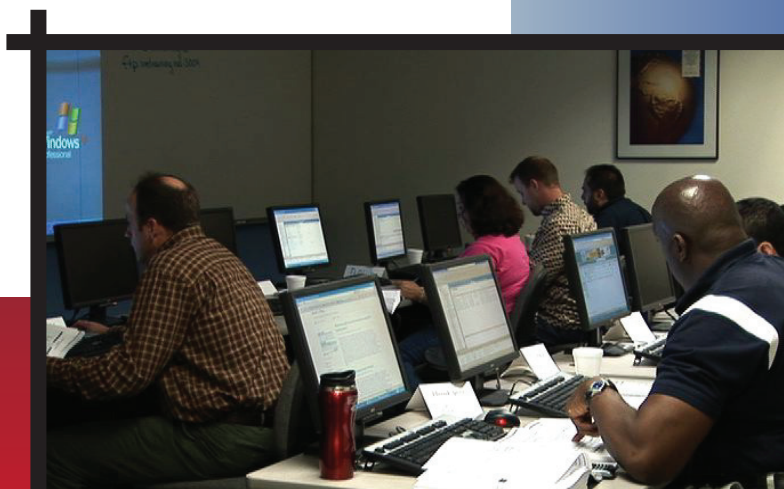
### MCITP Ultimate Bootcamp Objectives

**After completing this Ultimate Bootcamp, students will be able to:**

- How to use the various installation types and upgrade paths available.
- Configure and manage the Windows 7 desktop.
- Add a Windows 7 desktop to an active IPV4/IPV6 network.
- Configure Windows 7 for an Active Directory environment and the new Group Policy settings.
- Configure the Windows 7 IT Pro tools and applications.
- Windows 7 remote capabilities and utilities.
- How to use Windows firewall with advanced features and network profiles.
- Configure Windows 7 remote access and remote capabilities.
- How to use the Windows 7 Mobility Center to manage mobile Windows 7 machines.
- Secure the Windows 7 desktop.
- Configure and use the User account control in various network profiles.
- Configure Windows 7 third-party applications with Standard User Analyzer and the Application Compatibility toolkit.
- Monitor and troubleshoot Windows 7 computers for problems with the operating system, hardware, network security, and applications.

### Audience:

This Ultimate Bootcamp is intended for experienced enterprise-level IT professionals who focus on a broad range of desktop operating system, desktop application, mobile device, networking, and hardware support issues, who have experience with Windows server operating systems, and whose jobs require them to stay knowledgeable and skilled on new versions and technology updates as defined by the business environment.



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### Course Outline (Modules listed in \*blue\* have labs)

#### Module 1: Introduction to Windows 7

##### Lessons

- Evolution of the Windows Desktop Operating System
- Windows 7 Products and Features
- Windows 7 Hardware Requirements and Software Compatibility Tools
- Windows 7 Boot Process
- Windows 7 New Installations and Upgrades
- Windows Server Deployment Technologies for Windows 7

**Lab : Installing Windows 7 into Virtual Machine Technologies**

#### Module 2: Configuring and Managing the Windows 7 Desktop

##### Lessons

- Display Driver Technologies: Windows Vista vs. Windows 7
- Desktop Views: Windows Vista vs. Windows 7
- Personalizing the Desktop to Your Requirements
- Using the Control Panel Utilities to Personalize the Desktop

**Lab : Configuring the Windows 7 Desktop**

#### Module 3: Customizing the Windows 7 User Interface

##### Lessons

- Windows 7 Aero Graphics Package Overview
- Windows 7 User Profiles
- Windows 7 Ease of Access Center
- Windows 7 Search and Indexing Service

**Lab : Working with Windows 7 Ease of Access Center and User Profile settings**

#### Module 4: Windows 7 in the Workgroup Environment

##### Lessons

- Windows Workgroups and Active Directory Domains
- Joining a Windows 7 Workgroup
- Windows 7 HomeGroups
- Windows 7 Sharing Methods
- Windows 7 Collaboration Infrastructure
- Encrypting File System

**Lab : Configuring Windows 7 for the Workgroup**

#### Module 5: Windows 7 Networking and LAN Connectivity

##### Lessons

- Data Networking Defined
- Windows 7 Control Panel: Network and Internet Utility
- Fundamentals of TCP/IP with Windows 7

#### Module 5: Windows 7 Networking and LAN Connectivity

- Windows Enhancements to IP Version 6
- Role of Network Location Policies with Windows 7

**Lab : The Windows 7 LAN**

#### Module 6: Implementing Windows 7 in a Server 2008 R2 Active Directory Environment

##### Lessons

- DNS for Windows Server
- Windows Server 2008 R2 Active Directory
- Windows 7 ADMX Templates
- Windows 7 Group Policy Objects and Types

**Lab : Windows 7 in the Domain**

#### Module 7: Implementing Windows 7 Remote Capabilities and Utilities

##### Lessons

- Windows 7 Virtual Private Networking Technologies
- Configuring the VPN Client and Connecting to the Server
- Windows 7 DirectAccess
- RDP Version 7 Client Features

**Lab : Configure and Manage Remote Access**

#### Module 8: Windows 7 for Mobile Computers

##### Lessons

- Windows 7 Power Management Options
- Windows 7 Backup and Restore Center
- Windows 7 System Image Backup
- Windows 7 Offline Files and Folders Utility
- BitLocker for the Mobile Platform
- Windows 7 Sync Center

**Lab : Configure Notebook and Mobility Features**

#### Module 9: Implementing Windows 7 Local, Network and Internet Security

##### Lessons

- Advanced User Account Control Settings
- Server 2008 R2 Network Access Policy Engine
- Configuring the Windows 7 Firewall
- File and Registry Virtualization
- Windows 7 Service Hardening
- Windows Defender
- Windows 7 Dynamic Updates from Microsoft
- Using WSUS to Deploy Windows Updates to Windows 7 Clients

**Lab : Configuring and Protecting Data Locally and over the Network**

#### Module 10: Working with the Windows 7 NTFS File System and Its Features

##### Lessons

- NTFS Version 6.x Features
- NTFS Security Principals and Identifiers
- Assigning NTFS Permissions
- Secondary Logon Service
- Windows 7 Encryption

**Lab : Using Windows 7 NTFS to Technologies Secure your Data**

#### Module 11: Troubleshooting and Monitoring Windows 7

##### Lessons

- Windows 7 Reliability Monitor
- Windows 7 Performance Monitor
- Windows 7 Troubleshooting Tools
- Windows 7 Task Manager
- Windows 7 Problem and Reporting Solutions Utility
- Windows 7 Performance Features
- Other Features of the System Properties Dialog Box
- Windows 7 Administrative Tools

**Lab : Configure, Troubleshoot, and Monitor Windows 7**

#### Module 12: Running and Troubleshooting Applications on Windows 7

##### Lessons

- Mitigating Application Compatibility Issues
- Windows 7 File and Registry Virtualization Process
- Windows 7 Performance Variables
- Microsoft Virtual PC and XP Mode
- Windows 7 Virtual Hard Drive Mounting Technology

**Lab : Working with Windows 7 Applications**

#### Module 13: Configuring Internet Explorer 8

##### Lessons

- Setting Up and Configuring IE8

**Lab : Configure and Use Internet Explorer 8**

## Learn from a Master!

With an average of 20 years experience teaching and consulting in both private and government sectors, our instructors are able to inject real world experience into the classroom and give students the needed perspective not found in other training programs. This along with comprehensive courseware and proven teaching methods, gives the student the necessary skills that today's market demands from IT professionals.

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