



Price:	\$1,195
Length:	21 Hours (3 days)
Introduction:	This three-day instructor led course is intended for IT professionals who are interested in expanding their knowledge base and technical skills about Windows 7 Client. In this course, students learn how to install, upgrade, and migrate to Windows 7 client. Students then configure Windows 7 client for network connectivity, security, maintenance, and mobile computing.
Exams:	None currently available.
Prerequisites:	<ul style="list-style-type: none">■ Experience installing PC hardware and devices.■ Basic understanding of TCP/IP and networking concepts.■ Basic Windows and Active Directory knowledge.■ The skills to map network file shares.■ Experience working from a command prompt.■ Basic knowledge of the fundamentals of applications. For example, how client computer applications communicate with the server.■ Basic understanding of security concepts such as authentication and authorization.■ An understanding of the fundamental principles of using printers.
Course Materials:	Students will be provided with the following for use in the classroom: <ul style="list-style-type: none">■ MOC Student Kit (Microsoft Official Curriculum Courseware book). The student kit is yours to keep.
Objectives:	At the end of the course, students will be able to: <ul style="list-style-type: none">■ Configure mobile computer and device settings on a Windows 7 client computer.■ Configure Remote Desktop and Remote Assistance on a Windows 7 client computer.■ Configure DirectAccess on a Windows 7 client computer for remote access.■ Configure BranchCache on a branch office Windows 7 client computer.

Course Outline

- I. **Install, Upgrade, and Migrate to Windows 7**
 - A. Prepare to Install Windows 7
 - B. Perform a Clean Installation of Windows 7
 - C. Upgrade and Migrate to Windows 7
 - D. Perform Image-based Installation of Windows 7
 - E. Configure Application Compatibility
- II. **Configure Disks and Device Drivers**
 - A. Partition Disks in Windows 7
 - B. Manage Disk Volumes
 - C. Maintain Disks in Windows 7
 - D. Install and Configure Device Drivers
- III. **Configure File Access and Printers on Windows 7 Client Computers**
 - A. Overview of Authentication and Authorization
 - B. Manage File Access in Windows 7
 - C. Manage Shared Folders
 - D. Configure File Compression
 - E. Manage Printing
- IV. **Configure Network Connectivity**
 - A. Configure IPv4 Network Connectivity
 - B. Configure IPv6 Network Connectivity
 - C. Implement Automatic IP Address Allocation
 - D. Overview of Name Resolution
 - E. Troubleshoot Network Issues
- V. **Configure Wireless Network Connections**
 - A. Overview of Wireless Networks
 - B. Configure a Wireless Network
- VI. **Secure Windows 7 Desktops**
 - A. Overview of Security Management in Windows 7
 - B. Secure a Windows 7 Client Computer by Using Local Security Policy Settings
 - C. Secure Data by Using EFS and BitLocker
 - D. Configure Application Restrictions
 - E. Configure User Account Control
 - F. Configure Windows Firewall
 - G. Configure Security Settings in Internet Explorer 8
 - H. Configure Windows Defender
- VII. **Optimize and Maintain Windows 7 Client Computers**



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- A. Maintain Performance by Using the Windows 7 Performance Tools
- B. Maintain Reliability by Using the Windows 7 Diagnostic Tools
- C. Back Up and Restore Data by Using Windows Backup
- D. Restore a Windows 7 System by Using System Restore Points
- E. Configure Windows Update

VIII. Configure Mobile Computing & Remote Access Windows 7

- A. Configure Mobile Computer and Device Settings
- B. Configure Remote Desktop and Remote Assistance for Remote Access
- C. Configure DirectAccess for Remote Access
- D. Configure BranchCache for Remote Access