



## Course Features

- Instructor-led training online
- Custom Multimedia presentations
- Live instructor support
- Live virtual labs
- **Free Upgrades**
- **Money-back guarantee\***

### Live Instructor Support Package

- Participate in our live technical webinars featuring our in-house instructors.
- Speak off-line directly with our instructors.

### Live Classroom Training and Remote Virtual Boot Camps

- Customized training solutions for individuals and organizations. Call for information.

### Live Virtual Labs

- Login to a virtual machine and practice with real equipment
- Chat with instructors and other students around the world

## Also Available

### IT Certification Training Course Library Packages

BUOB's IT Training Course Library Subscriptions offer our entire range of training courses at substantial cost savings.

- CompTIA one-year library
- Microsoft one-year library
- Cisco one-year library
- Complete IT one-year library

# BUOB Computer Training™ Virtual Classroom for TS: Windows 7

## Configuring Certification Training Course (Exam 70-680)

BUOB Computer Training's **MCTS 70-680 training course TS: Windows 7, Configuring** teaches students the knowledge and skills to configure and administer Windows 7 as a standalone installation or in a corporate environment as a part of a Windows Active Directory domain. Students provided with the ability to create and deploy images, configure hardware and software, configure networking and backup and restore system information.

When you pass Exam 70-680: TS: Windows 7, Configuring, you complete the requirements for the following certification(s):

- MCTS: Windows 7, Configuration

BUOB Computer Training offers you the most effective way to earn your Microsoft Certified Technology Specialist (MCTS). Professionals holding the Microsoft Certified Technology Specialist: Windows 7, Configuring certification have demonstrated the knowledge and skills necessary to:

- Describe and choose various versions of Windows 7
- Perform a clean install of Windows 7
- Create an image for deployment
- Configure hardware devices
- Configure software for compatibility
- Configure networking including sharing resources
- Configure DirectAccess for the network
- Monitor and configure system performance
- Perform backups and configure system restore

As a Microsoft Certified Partner, BUOB Computer Training follows the approved Microsoft course curriculum, ensuring you receive the training and knowledge needed to succeed. BUOB Computer Training is so certain this course meets and exceeds the exam objectives,

*we guarantee you will pass your exam!*

*\*If you fail the same exam covered by BUOB Computer Training's training on two (2) attempts within 180 days of purchase, a refund will be issued for the corresponding training package.*



# COURSE OUTLINE

- Instructor Introduction
- Exam Overview

## Module 1: Installing, Upgrading and Migrating to Windows 7

- Module Overview
- Lesson 1: Perform a Clean Installation
- Key Features, Editions and Hardware Requirements
- Installation Methods
- Lesson 2: Upgrading Windows from Previous Windows
- Lesson 3: Migrating User Profiles
- Module Review

## Module 2: Deploying Windows 7

- Module Overview
- Lesson 1: Capturing a System Image
- Lesson 2: Preparing a System Image for Deployment
- Lesson 3: Deploying a System Image
- Lesson 4: Configuring a Virtual Hard Disk
- Module Review

## Module 3: Configuring Hardware and Applications

- Module Overview
- Lesson 1: Configuring Devices
- Lesson 2: Configuring Application Compatibility
- Lesson 3: Configuring Application Restrictions
- Lesson 4: Configuring Internet Explorer
- Module Review

## Module 4: Configuring Network Connectivity

- Module Overview
- Lesson 1: Configuring IPv4 Network Settings Overview
- Setting Up a Connection for a Network
- Automatic IPv4 Address Configuration APIPA
- Configuring Name resolution
- Connecting To a Network and Network Locations
- Resolving Connectivity Issues
- Lesson 1: Review
- Lesson 2: Configuring IPv6 Network Settings
- Lesson 3: Configuring Network Settings
- Connecting To a Wireless Network
- Lesson 4: Configuring Windows Firewall
- Configuring Basic Firewall Settings
- Configuring Advanced Security Settings
- Well Known Ports and Configuring Certificates for Secure Websites
- Lesson 4: Review
- Lesson 5: Configuring Remote Management
- Remote Management Methods
- Configuring Remote Management Tools
- Executing PowerShell Commands
- Lesson 5: Review
- Module Review

## Module 5: Configuring Access to Resources

- Module Overview
- Lesson 1: Configuring File and Folder Access
- Encrypting Files and Folders by using EFS
- Configuring NTFS Permissions and Resolving Effective Permissions Issues
- Copying vs. Moving Files
- Lesson 1: Review
- Lesson 2: Configuring Shared Resources
- Folder Virtualization and Shared Folder Permissions
- Printers, Queues and Configuring HomeGroup Settings

- Lesson 2: Review
- Lesson 3: Configuring User Account Control
- Configuring Local Security Policy
- Configuring Admin vs. Standard UAC Prompt Behaviors and Configuring a Desktop
- Lesson 3: Review
- Lesson 4: Configuring Authentication and Authorization Overview
- Resolving Authentication Issues
- Configuring Rights
- Managing Credentials
- Managing Certificates
- Smart Cards with PIV
- Elevating User Privileges and Multifactor Authentication
- Lesson 4: Review
- Lesson 5: Configuring BranchCache
- Module Review

## Module 6: Configuring Mobile Computing

- Module Overview
- Lesson 1: Configuring BitLocker and BitLocker to Go
- Lesson 2: Configuring Direct Access
- Lesson 3: Configuring Mobile Computing
- Tools for Configuring Mobile Computer and Device Settings
- Configuring Offline File Policies
- Configuring Transparent Caching
- Power Plans and Power Saving Options
- Lesson 3: Review
- Lesson 4: Configuring Remote Connections
- Lesson 1: Advanced Security Auditing
- NAP Quarantine and Dial up Connections
- Configuring Remote Desktop and Published Applications
- Lesson 4: Review
- Module Review

*continued, next page*



## Module 7: Monitoring and Maintaining Windows 7 Systems

- Module Overview
- Lesson 1: Configuring Updates to Windows 7
- Lesson 2: Managing Disks Overview
- Partitioning Disks
- Managing Disk Volumes
- Managing File System Fragmentation
- Configuring Disk Quotas
- RAID
- Removable Device Policies
- Lesson 2: Review
- Lesson 3: Monitoring Systems Overview
- Configuring Event Logging
- Windows 7 Performance Tools
- Resource Monitor and Performance Monitor
- Maintaining Reliability Using Memory Diagnostic Tools
- Network Diagnostic Tool
- Reliability and Action Center Tools
- Windows Startup and Recovery Tools
- Lesson 3: Review
- Lesson 4: Configuring Performance Settings Overview
- Page Files and the Hard Drive Cache
- Updating Drivers and Network Performance
- Power Plans and Processor Scheduling
- Configuring the Desktop
- Configuring Services and Programs
- Mobile Performance Computing Issues
- Lesson 3: Review
- Module 7: Review
- 

## Module 8:

- Module Overview
- Lesson 1: Configuring Backup and Restore
- Lesson 2: Configuring System Recovery Options
- Lesson 3: Configuring File Recovery Options
- Module Review
- Program Review