

Prepare For Windows 7 with Configuration Courses!

Windows 7 builds on the accomplishments of previous versions and adds enhancements to create an increasingly easy environment to manage. IT Professionals who currently support Windows XP will need an introduction to Windows 7. AgLearn has the resources to help you! And, as always, you can **add to your knowledge at no cost to you, 24/7!**

+ [Installing, Upgrading, and Migrating to Windows 7](#) (1.5 hours)

Windows 7 is a new desktop operating system from Microsoft. The majority of computer users interact with desktop operating systems more than any other type of computer operating system today. This course will show you how to install Windows 7 in a single and multiboot environment, along with showing the process involved in migrating or upgrading from previous Microsoft operating systems.

+ [Deploying Windows 7](#) (1.5 hours)

Deploying system images and configuring VHDs are skillsets that system administrators working with Windows 7 must become familiar with. This course examines the methods used to capture, prepare, and deploy system images along with configuring VHDs.

+ [Configuring Hardware and Applications in Windows 7](#) (1.5 hours)

Configuring device and application support, restrictions, and compatibility is one of the main jobs of desktop administrators. Windows 7 has many features built into it to allow you to perform these actions. This course will examine how to install, configure, and troubleshoot device drivers; AppLocker will be examined; application compatibility tools will be configured, and IE 8 will be examined to show how administrators can configure it for end user support.

+ [Configuring Network Connectivity in Windows 7](#) (2 hours)

The ability to have two computers, or 2 million computers interoperating and communicating with each other is the foundation of the Internet and of networking environments in general. This course examines the protocols and settings used to accomplish this, along with the technologies and configurations that are used to protect and control computers that exist in these networked environments. This course will examine IP configurations, network settings, firewall configurations, and remote management and control using various tools such as Remote Assistance, group policies, and PowerShell scripts.

+ [Configuring Access to Resources in Windows 7](#) (2 hours)

Computer and network access configuration is a major part of a computer administrator's job role. They make sure authentication and authorization schemes, user control, and file access are properly configured on computers in their networks. This course examines authentication and authorization, User Account Control, file access and shared resource management, and HomeGroup and BranchCache configurations.

+ [Configuring Mobile Computing in Windows 7](#) (1.5 hours)

Remote access and remote security are fundamental aspects of IT environments. From small remote telecommuter offices, to enterprise networks, remote access and the security to make them viable are everyday concerns in modern networks. This course examines BitLocker, offline file support, caching servers, DirectAccess, VPNs, and Network Access Protection.

+ [Monitoring, Backing Up, and Restoring Windows 7 Systems](#) (2.5 hours)

System management and configuration are major tasks in the IT world. Making sure that computers are up to date, running smoothly, and configured properly are daily activities of IT staff members. This course examines how updates, performance settings, power and processor options, disks, and backup and recovery are configured, managed, and monitored in Windows 7.

As with all AgLearn resources, these are available to all USDA employees at no cost to you!