

Course Specifications

Installing, Administering, and Configuring Microsoft Windows XP Professional

Course number: 2285

Course length: 2 days

Registration:

CAD & Facilities Services, Inc.

(315) 686.6110

(315) 686.0091 (Fax)

Email: training@cadfs.com

www.cadfs.com



Learning Solutions
Networking Infrastructure Solutions
Security Solutions



Installing, Administering, and Configuring Microsoft Windows XP Professional

This two-day, instructor-led course provides students with the knowledge and skills that are needed to manage Microsoft® Windows® XP Professional computers in a Microsoft Windows Server™ 2003 environment.

This course will satisfy the requisite information that is needed to help students prepare for either Exam 70-210: *Installing, Configuring, and Administering Microsoft Windows 2000 Professional* or Exam 70-270: *Installing, Configuring, and Administering Microsoft Windows XP Professional*, assuming that the student is either experienced with Microsoft Windows NT® 4.0 or has successfully completed Courses 2274, 2275, 2276, and 2277.

Audience

This course is intended for individuals who are employed as or seeking employment as a systems administrator or systems engineer.

At Course Completion

After completing this course, students will be able to:

- Plan and perform an installation of Windows XP Professional.
- Install and support hardware devices and drivers on computers running Windows XP Professional.
- Identify and resolve boot process issues on computers running Windows XP Professional.
- Configure desktop settings for computers running Windows XP.
- Configure security settings for Microsoft Internet Explorer and application compatibility for computers running Windows XP Professional.
- Configure computers to run Windows XP Professional in a Windows networking environment.
- Configure and support computers running Windows XP Professional for mobile computing.

Prerequisites

Before attending this course, students must have:

- CompTIA A+ certification or equivalent knowledge
- CompTIA Network+ certification or equivalent knowledge.
- Completed Course 2208, *Upgrading Your Skills from Microsoft Windows NT to Microsoft Windows Server 2003*

Or, completed all of the following courses:

- Course 2274, *Managing a Microsoft Windows Server 2003 Environment*
- Course 2275, *Maintaining a Microsoft Windows Server 2003 Environment*
- Course 2276, *Implementing a Microsoft Windows Server 2003 Network Infrastructure: Network Hosts*
- Course 2277, *Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure: Network Services*

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Module 1: Installing Windows XP Professional

In this module, students will learn how to prepare for and install Windows XP Professional.

Lessons

- Manually Installing Windows XP Professional
- Automating a Windows XP Professional Installation
- Transferring User Files and Settings to a New Computer
- Using an Image to Install Windows XP Professional

Lab: Installing Windows XP Professional

After completing this module, students will be able to:

- Install Windows XP Professional.
- Run Setup Manager and create an answer file to automate an installation of Windows XP Professional.
- Transfer user files and settings to a new computer.
- Create and deploy an image.

Module 2: Adding Hardware to Microsoft Windows XP Clients

This module teaches students how to install new hardware devices as well as how to configure and maintain existing devices and their drivers. Students will also learn how to roll device drivers back to a previous version of the driver and to uninstall drivers and devices.

Lessons

- Installing Hardware Devices
- Configuring Modems, Printers, and Monitors
- Troubleshooting Device Drivers
- Disabling and Uninstalling Hardware Devices

Lab: There is no lab for this learning unit

After completing this module, students will be able to
Add hardware efficiently and safely to a computer running
Windows XP Professional.

Configure modems, printers, and monitors for maximum functionality.

Troubleshoot hardware device drivers to resolve installation problems.

Uninstall hardware correctly to protect your data and the computer.

Module 3: Resolving Boot Process Issues

This module provides students with the knowledge and skills that are necessary to identify and correct problems with the Windows XP Professional boot process.

Lessons

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- Understanding the Boot Process
- Using Advanced Boot Options
- Using the Recovery Console to Start a Computer
- Using the Boot.ini File to Change Startup Behavior

Lab: Troubleshooting the Boot Sequence

After completing this module, students will be able to:

- Explain the Windows XP Professional boot process.
- Start a computer in Safe Mode and explain the other advanced boot options.
- Use the Recovery Console to start a computer.
- Use the Boot.ini file to change the startup behavior on a computer.

Module 4: Configuring the Desktop Environment

In this module, students will learn how to configure and customize user desktops, use profiles to implement and enforce desktop customization policies, and use Remote Assistance to respond to remote requests for help.

Lessons

- Configuring User Desktop Settings
- Customizing Menus and Folders
- Configuring System Settings
- Managing User Profiles
- Using Remote Assistance in Windows XP Professional

Lab: Using Remote Assistance to Configure a Computer Running Windows XP Professional Computer

After completing this module, students will be able to

- Configure desktop settings.
- Customize the desktop environment.
- Configure system settings.
- Manage local user profiles and understand how Group Policy can control desktop customization.
- Use Remote Assistance to view and control user computers from your workstation.

Module 5: Configuring Microsoft Internet Explorer and Application Compatibility

In this module, students will learn how to configure security and connection settings for Internet Explorer, as well as how to configure applications to run on computers running Windows XP Professional.

Lessons

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- Configuring Security and Connection Settings for Internet Explorer
- Methods for Customizing and Deploying Internet Settings
- Configuring Applications for Microsoft Windows XP Professional
- Troubleshooting Applications

Lab: There is no lab for this learning unit

After completing this module, students will be able to

- Configure security and connection settings for Internet Explorer.
- Use the Internet Explorer Administration Kit (IEAK) and Group Policy to customize and deploy Internet settings.
- Configure applications written for earlier versions of Windows to operate on computers running Windows XP Professional.
- Configure the Dr. Watson debugger utility to troubleshoot applications.

Module 6: Configuring Microsoft Windows XP Professional to Operate in a Microsoft Network

In this module, students will learn how to configure computers running Windows XP Professional to operate in a Windows workgroup or domain.

Lessons

- Configuring Microsoft Windows XP Professional for a Workgroup
- Configuring Local Security
- Configuring Network Options in a Workgroup
- Joining a Domain

Lab: There is no lab for this learning unit

Module 7: Configuring Windows for Mobile Computing

In this module, students will learn how to help mobile users work more effectively by enabling them to control the power usage of their computers, and by making resources such as files, folders, and Web sites available offline.

Lessons

- Configuring Hardware for Mobile Computing
- Power Management for Mobile Computing
- Making Files and Web Sites Available Off Line

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