

Installing, Configuring, and Administering Microsoft Windows XP Professional

Course 2285: Two days; Instructor-Led

Prerequisites

Before attending this course, students must have:

- CompTIA A+ certification or equivalent knowledge
- CompTIA Network+ certification or equivalent knowledge

And either:

- Completed [Course2208](#), Upgrading Your Skills from Microsoft Windows NT to Microsoft WindowsServer 2003

Or, completed all of the following courses:

- [Course2274](#), Managing a Microsoft Windows Server 2003 Environment
- [Course2275](#), Maintaining a Microsoft Windows Server 2003 Environment

Microsoft Certification exams

This course will help the student prepare for the following Microsoft Certified Professional exam:

- [Exam 70-210](#), Installing, Configuring, and Administering Microsoft Windows 2000 Professional
- [Exam 70-270](#), Installing, Configuring, and Administering Microsoft Windows XP Professional

Course Materials

The student kit includes a comprehensive workbook and other necessary materials for this class.

Course Outline

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
- Using an Image to Install Windows XP Professional
- Transferring User Files and Settings to a New Computer
- Installing Windows XP Service Pack 2
- Monitoring Windows XP Professional Security Status by Using Security Center

Lab: There is no lab for this learning unit

After completing this module, students will be able to:

- Install Windows XP Professional.
- Automate an installation of Windows XP Professional.
- Use an image to install Windows XP Professional.
- Transfer user files and settings to a new computer.
- Install Windows XP Service Pack 2.
- Monitor Windows XP Professional security status by using Security Center.

Module 2: Adding Hardware to Windows XP Professional 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

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

Lab: Troubleshooting the Boot Sequence

After completing this module, students will be able to:

- Explain the Windows XP Professional boot process.
- Use the LastKnownGood configuration to resolve boot problems.
- Start a computer in Safe Mode and explain the other advanced boot options.
- Install the Recovery Console and use it to resolve startup problems.
- Use the Boot.ini file to change the startup behavior on a computer.

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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
- Configuring System Settings
- Managing User Profiles
- Using Remote Administration
- 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 user desktop settings.
- Customize the desktop environment.
- Configure system settings.
- Manage local user profiles and understand how Group Policy settings can control desktop customization.
- Use Remote Administration to manage computers.
- Use Remote Assistance to view and control user computers from your workstation.

Module 5: Configuring Internet Explorer and Supporting Applications

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

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

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 Explorer settings.
- Perform application support tasks on computers that run Windows XP Professional.

Module 6: Configuring 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 Windows Firewall
- Configuring Network Options in a Workgroup
- Joining a Domain

Lab: There is no lab for this learning unit

After completing this module, students will be able to

- Configure Windows XP Professional for a workgroup.
- Configure security settings on individual accounts and computers.
- Configure Windows Firewall.
- Configure network options in a workgroup.
- Configure Windows XP Professional for a domain.

Module 7: Configuring Windows XP Professional 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
- Configuring Power Management for Mobile Computing
- Making Files and Web Sites Available Off Line

Lab: There is no lab for this learning unit

After completing this module, students will be able to

- Configure hardware for mobile computing.
- Configure power management for mobile computing.
- Make files, folders, and Web sites available offline.