

Course Outline
MSFT-900/MSFT-272
Implementing and Supporting Microsoft Windows XP Professional
3 semester hours

HOWARD COMMUNITY COLLEGE

Description

The purpose of this course is to address the implementation and desktop support needs of customers that are planning to deploy and support Microsoft Windows XP Professional in a variety of stand-alone and network operating system environments. It provides in-depth, hands-on training for Information Technology (IT) professionals responsible for the planning, implementation, management, and support of Windows XP Professional. Prerequisite: MSFT-299 (3 hours lecture, 1 hour lab)

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. Install Windows XP Professional and upgrade to Windows XP Professional.
2. Automate an installation of Windows XP Professional by using answer files and Uniqueness Database Files (UDFs), or by using the Microsoft Windows 2000 System Preparation Tool.
3. Configure and manage hardware on a computer running Windows XP Professional.
4. Manage disks.
5. Configure and manage file systems.
6. Troubleshoot the boot process and other system issues.
7. Configure the desktop environment, and use profiles to control desktop customization.
8. Configure and support Transmission Control Protocol/Internet Protocol (TCP/IP).
9. Configure Windows XP Professional to operate on Windows networks.
10. Support remote users.
11. Configure Windows XP Professional for mobile computing.
12. Monitor resources and performance.

Major Topics

- I. Installation and Automation of Microsoft Windows XP Professional
- II. Configuration of Hardware on a Computer Running Microsoft Windows XP Professional
- III. Management of Disks
- IV. Configuration and Management of File Systems
- V. Troubleshooting the Boot Process and Other System Issues
- VI. Configuration of the Desktop Environment
- VII. Configuration of TCP/IP Addressing and Name Resolution
- VIII. Configuration of Microsoft Windows XP Professional to Operate in Microsoft Windows Networks
- IX. Support for Remote Users
- X. Configuration of Microsoft Windows XP for Mobile Computing
- XI. Monitoring Resources and Performance

About Certification Curriculum at HCC

When a student takes a certification course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking certification courses at HCC, the student may expect not only instruction from certification materials but additional academic and practical exercises and

course work to better equip the student not only for the corresponding certification exam but for eventual utilization in their professional endeavors.

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following: two quizzes or exams and one lab activity.

Other Course Information

This course is a Network Administration core course. This course is also intended for students who wish to become a Microsoft Certified Systems Engineer on Windows Server 2003. It will provide the needed foundation to pass Microsoft Certification Exam 70-270.