

COURSE OUTLINE

MSFT-156

Updating Support Skills From Microsoft Windows NT 4.0 to Microsoft Windows 2000

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course will provide Microsoft® Windows NT® 4.0 support professionals with the knowledge and skills necessary to support Microsoft Windows® 2000–based networks. Content applies to Microsoft Windows 2000 Server, Microsoft Windows 2000 Advanced Server, and Microsoft Windows 2000 Professional. Prerequisite: MSFT-689 (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

1. Differentiate the features and technology changes between Windows NT version 4.0 and Windows 2000.
2. Install Windows 2000 and describe tools used for deployment and unattended installations.
3. Install, configure, and troubleshoot the DNS Server Service.
4. Explain the relationship between Active Directory structure and network organization.
5. Install and configure Active Directory in a network.
6. Populate Active Directory and manage Active Directory objects.
7. Manage file resources in Windows 2000.
8. Manage desktop environments with Group Policy.
9. Manage software by using Group Policy.
10. Install and configure Terminal Services.
11. Configure and support remote access in Windows 2000.
12. Support DHCP and WINS in Windows 2000.
13. Create and manage dynamic volumes.
14. Implement disaster-protection and disaster-recovery techniques in Windows 2000.
15. Describe Windows 2000 upgrade options.
16. Identify upgrade planning issues; and upgrade a Windows NT 4.0 network to Windows 2000.

Major Topics

- I. Introduction to Microsoft Windows 2000
- II. Installing Microsoft Windows 2000
- III. Implementing DNS in Windows 2000
- IV. Exploring Active Directory
- V. Creating the Physical Structure of Active Directory
- VI. Administering Active Directory
- VII. Managing File Resources
- VIII. Using Group Policy to Manage Desktop Environments
- IX. Using Group Policy to Manage Software
- X. Installing and Configuring Terminal Services
- XI. Configuring Remote Access
- XII. Supporting DHCP and WINS
- XIII. Performing Disk Management
- XIV. Implementing Disaster Protection
- XV. Upgrading a Network to Windows 2000

About Microsoft Curriculum at HCC

When a student takes a Microsoft course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking Microsoft courses at HCC, the student may expect not only instruction from Microsoft 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 2000 (MCSE 2000).