

COURSE OUTLINE

MSFT-250

Supporting Windows NT 4.0/Migrating from Windows NT 4.0 to Windows 2000

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course is appropriate for those who are on the MCSE Windows 2000 track and wish to acquire the skills necessary to select and develop a directory services migration strategy. The first part of this course focuses on providing students with a firm understanding of Windows NT administration and troubleshooting concepts that are necessary to understand the source environment that will be migrated. These skills are necessary to pass the elective Exam 70-244: Supporting NT 4.0 Networks. The second part of the course focuses on designing a Windows 2000 migration strategy to migrate an NT 4.0 Network to Windows 2000 **and** provides the skills necessary to pass the design Exam 70-222: Migrating from Windows NT 4.0 to Windows 2000. Prerequisite: MSFT-230 (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

Configure and Troubleshoot Users and Groups:

1. Configure and troubleshoot trust relationships. Including cross-domain resource access and one-way trusts versus two-way trusts.
2. Configure and troubleshoot Account policy. Including password uniqueness, password length, password age, and account lockout.
3. Configure and troubleshoot groups. Including group membership, default groups, global groups, and local groups.
4. Configure and troubleshoot user accounts, user profiles, and logon scripts.
5. Create and rename user accounts. Types of accounts include template accounts and deleted accounts.
6. Configure and troubleshoot user profiles. Types of profiles include roaming user profiles, mandatory user profiles, and local user profiles.
7. Configure and troubleshoot user accounts. Including disabled user accounts, logon restrictions, and dial-in permissions.
8. Troubleshoot logon scripts. Including user account configuration, and replication of the NETLOGON shared folder.

Major Topics

- I. Introduction to Windows NT 4.0
- II. User and Group Account Management
- III. Configuring and Securing the User's Desktop Environment
- IV. Domain Controllers and Trust Relationships
- V. Resource Administration
- VI. Managing Network Services
- VII. Managing System Security
- VIII. Windows NT Optimization and Troubleshooting
- IX. Designing a Microsoft Windows 2000 Migration Strategy

Course Requirements

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 intended for students who wish to become a Microsoft Certified Systems Engineer 2000. It will count as a Microsoft elective course and is geared toward passing Microsoft Certification Exams 70-244 and 70-222.