

COURSE OUTLINE

MSFT-803

Administering Microsoft Windows NT 4.0

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course teaches network administrators how to perform day-to-day administrative and maintenance tasks such as setting up and administering user and group accounts, securing network resources, setting up and administering network printers, auditing and monitoring network resources and events, and backing up and restoring data on a Windows NT 4.0-based network. Prerequisite: CMSY-219. (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

1. Create and administer user and group accounts by possessing the ability to determine account policies.
2. Troubleshoot problems that prevent users from logging on to the network.
3. Manage network resources.
4. Set up and administer permissions for files and folders.
5. Take ownership of folders.
6. Troubleshoot when users are unable to gain access to disk resources.
7. Set up a printing environment, administer printers, and troubleshoot why a user cannot print.
8. Use auditing functions to generate and view security logs.
9. Monitor network resources to track usage and disk space.
10. Back up and restore files and folders using tapes.
11. Administer the Windows NT Server and Windows NT Workstation operating systems in real-world situations.

Major Topics

- I. Introduction
- II. Setting Up User Accounts
- III. Setting Up Group Accounts
- IV. Administering User and Group Accounts

- V. Securing Network Resources with Shared-Folder Permissions
- VI. Securing Network Resources with NTFS Permissions
- VII. Setting Up a Network Printer
- VIII. Administering Network Printers
- IX. Auditing Resources and Events
- X. Monitoring Network Resources
- XI. Backing Up and Restoring Data

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 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 (MCSE).