

COURSE OUTLINE

MSFT-206

Implementing Microsoft Windows 2000 Professional and Server

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course is designed to give students the knowledge and experience to install, configure and administer Microsoft Windows 2000 Professional and Server.

Prerequisite: MSFT-299 (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

1. Understand the characteristics of the Windows 2000 Professional and Server operating systems.
2. Install and configure Windows 2000 Professional and Server
3. Manage data storage
4. Manage an unattended installation of Windows 2000 Professional and Server
5. Understand the Windows 2000 Professional and Server file system
6. Understand the characteristics and features of Active Directory Services
7. Administer a Windows 2000 Professional and Server
8. Identify and use various network protocols and services
9. Understand routing and remote access
10. Identify the features of network security, encryption and authentication
11. Understand and manage fault tolerance features
12. Monitor and optimize the network
13. Troubleshooting a Windows 2000 network

14. Major Topics

- I. Overview of Windows 2000 Professional and Server
- II. Installation and Configuration
- III. Windows 2000 Server and Professional Unattended Installation
- IV. Windows 2000 File Systems
- V. Advanced File Systems
- VI. Active Directory Services
- VII. Administering Windows 2000 Server
- VIII. Administering Print Services
- IX. Network Protocols and Services
- X. Routing and Remote Access
- XI. Security, Encryption, and Authentication
- XII. Reliability and Availability
- XIII. Monitoring and Optimization
- XIV. Troubleshooting a Windows 2000 network

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 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 2000. It will provide the needed foundation to pass Microsoft Certification Exams 70-210 and 70-215.