

COURSE OUTLINE

MSFT-218

Managing a Microsoft Windows 2000 Network Environment

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course provides the knowledge required by System Administrators, Network Administrators, and IT professionals who implement, manage and troubleshoot existing network and server environments based on the Microsoft Windows® 2000 platform. These skills are generally required in medium to large size organizations that maintains user desktops and servers, spanning 2 to 100 physical locations via Large Area Networks (LANs) and the Internet or Intranets. Additionally, this course provides the skills and knowledge necessary for the Microsoft Certified Systems Administrator (MCSA) certification. It is intended to prepare students to take Microsoft Exam 70-218: Managing a Microsoft Windows 2000 Network Environment. Prerequisite: MSFT-205 or MSFT-206. (3 hour lecture, 1 hour lab)

Overall Course Objectives

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

- Delegate administrative control of an organizational unit.
- Publish and maintain printers and shared folders.
- Implement and manage web-based services in an intranet.
- Implement and manage the Dynamic Host Configuration Protocol (DHCP) service.
- Implement name resolution for client computers by using Domain Name System (DNS) and Windows Internet Name Service (WINS).
- Install and configure the DNS service.
- Implement the Remote Access Service (RAS).
- Manage remote access by using remote access policies.
- Identify Active Directory™ directory service replication latency issues and resolve conflicts resulting from replication.
- Implement Group Policy to centrally manage users and computers.
- Manage users' desktops and software by using Group Policy.
- Implement security settings and account policies by using Group Policy.
- Troubleshoot client computer startup and user logon problems.

Major Topics

- Module 1: Introduction to Managing a Windows 2000 Network
- Module 2: Managing Shared Network Resources
- Module 3: Managing Web Services
- Module 4: Implementing and Managing DHCP
- Module 5: Implementing Name Resolution
- Module 6: Managing DNS
- Module 7: Configuring Remote Access
- Module 8: Supporting Remote Access Policy
- Module 9: Resolving Active Directory Replication Conflicts
- Module 10: Delegating Administrative Control
- Module 11: Implementing Group Policy
- Module 12: Using Group Policy to Manage the Desktop Environment
- Module 13: Managing Network Security
- Module 14: Troubleshooting Client Computer Startup and User Logon Problems

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 Administrator (MCSA) 2000. It will also count as a Microsoft elective course and is geared toward passing Microsoft Certification Exam 70-218.