

Common Course Outline
DCOM 205
Directory Services Infrastructure
4 Semester Hours

The Community College of Baltimore County

Description

Directory Services Infrastructure

Presents advanced concepts of the Microsoft Windows Director Services. This course, taught in a combination lecture and hands-on format, prepares students for one of the Microsoft MCP exams required for MCSA and/or MCSE certification.

Prerequisite: DCOM 202 or consent of Program Coordinator.

Overall Course Objectives

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

1. Install and configure Active Directory.
2. Install forests, trees, and domains
3. Create sites, subnets, site links, and connection objects
4. Configure server objects
5. Verify and troubleshoot Active Directory installation
6. Install and configure DNS for Active Directory
7. Create and modify a Group Policy object
8. Manage and troubleshoot user environments by using Group Policy
9. Configure Active Directory to support Remote Installation Services
10. Manage Active Directory objects
11. Monitor, optimize, and troubleshoot Active Directory performance and replication
12. Monitor and analyze security events

Major Topics

- I. Introduction to Active Directory
- II. The Structure of Active Directory
- III. Planning an Active Directory Implementation
- IV. Domain Name System (DNS)
- V. Installing Active Directory
- VI. Group, Policies, and Certificates
- VII. Administering Active Directory
- VIII. Performance Monitoring
- IX. Active Directory Maintenance and Recovery
- X. Implementing Group Policy
- XI. Managing User Environments with Group Policy
- XII. Deploying and Managing Software by Using Group Policy
- XIII. Active Directory Replication
- XIV. Security

Course Requirements

Grading: Grading procedures will be determined by the faculty member, will be provided the first week of class, and will include:

1. Participation in class learning activities
2. Case Studies and projects
3. Minimum of two exams
4. Minimum of four quizzes
5. Comprehensive final exam.

Other Course Information

The required text is *MCSE Guide to Microsoft Windows 2000 Active Directory* by Shilmover

This is a core course for the MCSE degree concentration and preparation certificate.

This course is taught in a computerized environment.