

Common Course Outline
Managing Windows Network
DCOM 209
4 Semester Hours

The Community College of Baltimore County

Description

Enables students to perform advanced configuration and management of a Microsoft Windows network. Students will perform tasks typically assigned to Network Administrators including setup of client and server computers, managing data storage and access permissions, configuring network services, managing users and groups in Active Directory, optimizing network performance, and monitoring network security. This combination lecture/hands-on course prepares students for an MCP exam.

Prerequisite: DCOM 202

4 credits; 4 lecture hours, 0 laboratory hours required.

Course Objectives

Upon completion of the class, students will be able to perform the following tasks:

- Install client and server computers
- Manage network resources
- Configure disks
- Assign permissions
- Share drives and printers
- Monitor and optimize network performance

Major Topics

- Create user and group objects in Active Directory
- Establish network policies
- Configure Active directory replication
- Install and configure DHCP, WINS, and DNS
- Configure Internet Information Server
- Enable remote access
- Troubleshoot common network problems

Course Requirements

Evaluation: There will be two exams (a mid-term and a final) and two quizzes. Each exam accounts for one-third of the student's final grade; each quiz accounts for one-sixth of the final grade. Make-up exams: Missed mid-term exams will be taken on the same day as the final exam. Missed final exams can be taken at the college testing center.

Attendance: Although not required, attendance is strongly suggested. Students will be responsible for all material covered in all of the classes.

Other Course Information

This course will be a requirement in the Network Technology MCSA Degree Option and is a DCOM Program Elective.