

Common Course Outline
DCOM 205
Windows Active Directory
4 Semester Hours

The Community College of Baltimore County

Description

DCOM 205 – 4 Credits – Windows Active Directory enables students to install, configure, manage, and maintain Windows Active Directory in a Windows networking environment. Using a hands-on approach, students will install Active Directory, create users and groups, create domains and organizational units, implement Active Directory security, configure group policy, enable authentication, perform remote installation, configure name resolution, and troubleshoot common problems. This course helps students prepare the student for the Microsoft certification exam.

4 credits: 4 lecture hours per week

Co-requisite: DCOM 202 or consent of the program coordinator

Overall Course Objectives

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

1. Install Windows Active Directory
2. Configure replication
3. Create and manage users and groups
4. Create and manage domains and organizational units
5. Configure group policy
6. Remotely install software
7. Remotely configure the user's environment
8. Enable user authentication
9. Configure name resolution
10. Troubleshoot Active Directory-related problems

Major Topics

- I. Active Directory installation
- II. Active directory structure
- III. Replication
- IV. User and group management
- V. Group policy
- VI. Domains, organizations units, and sites
- VII. Remote client configuration
- VIII. Authentication
- IX. Authorization
- X. Troubleshooting

Course Requirements

Specific assignments and procedures for evaluating students' performance in the class will be determined by the instructor and will be described in the individual class syllabus.

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

- Minimum of three exams

Writing: The individual faculty member will determine specific writing assignments.

Other Course Information

This course is a program requirement for the Associate's Degree in Network Technology.

Date Revised: 3/1/10