

DCOM 205

Windows Active Directory

4 Credits (4 Lecture hours per week)

Community College of Baltimore County
Common Course Outline

Description

DCOM 205 – 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.

Pre-requisites:

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

Overall Course Objectives

Upon completion of this course, students 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; and
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

The Common Course Outline (CCO) determines the essential nature of each course.
For more information, see your professor's syllabus.

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- Minimum of three exams

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

This course is a program requirement for the associate degree in Network Technology.

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