

# ***COCONINO COMMUNITY COLLEGE***

## ***COURSE OUTLINE***

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Reviewed by: D. Bowman

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Status: Permanent

### A. Identification:

1. Subject Area: Computer Information Systems
2. Course Number: CIS 260
3. Course Title: Implementing and Administering Microsoft Windows  
Directory Services
4. Credit Hrs: 4
5. Catalog Description:

Installing and configuring Microsoft Windows Active Directory. Implementing Group Policy and performing the Group Policy-related tasks that are required to centrally manage users and computers. This course helps to prepare students to take the Microsoft Certified Professional exam for Windows. Prerequisite: CIS 130 or consent of instructor. Four lecture. May be taken for S/U credit.

### B. Course Goals:

To develop the skills needed to install and configure Microsoft Windows Active Directory. Implement Group Policy and perform Group Policy related task.

### C. Course Outcomes:

Students will:

1. Identify the concepts of the Active Directory, directory service, and its logical and physical structures.
2. Implement a Domain Name System (DNS) infrastructure in preparation for installing Active Directory.
3. Install Active Directory on a computer running Windows 2000 Server, and perform post-installation tasks.
4. Set up and administer domain user accounts and groups.
5. Publish resources, including printers and shared folders, in Active Directory.
6. Delegate administrative control of Active Directory objects in Windows.
7. Implement Group Policy.
8. Manage user environments by using Group Policy.
9. Use Group Policy to deploy software.
10. Create and manage trees and forests in a Windows network, and administer forest-wide resources.
11. Manage Active Directory replication within a site and between sites.
12. Manage operations masters.
13. Manage and restore the Active Directory database.
14. Implement an Active Directory infrastructure that is based on the business requirements of a fictitious organization.

### D. Course Outcomes Assessment:

Assessment will include:

1. Pre-Post Test
2. Practical Final Exam (implementing the directory services on a Server)

**E. Course Content:**

Will include:

1. Introduction to Active Directory in Windows.
2. Implementing DNS to Support Active Directory
3. Creating a Windows Domain
4. Setting Up and Administering Users and Groups
5. Publishing Resources in Active Directory
6. Delegating Administrative Control
7. Implementing Group Policy
8. Using Group Policy to Manage User Environments
9. Using Group Policy to Manage Software
10. Creating and Managing Trees and Forests
11. Managing Active Directory Replication
12. Managing Operations Masters
13. Maintaining the Active Directory Database
14. Implementing an Active Directory Infrastructure