



WACO, TEXAS

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**IMPLEMENTING NETWORK DIRECTORY SERVICES**  
**ITNW 1345**  
**COURSE SYLLABUS**

REVISED: 09-10

# IMPLEMENTING NETWORK DIRECTORY SERVICES

## ITNW 1345

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### **Course Description:**

Provides students with the knowledge and skills necessary to install, configure, and administer Network Directory service. Students will learn the logical and physical structure of directory services; configure the Domain Name System (DNS) server service to support directory services; create and administer user accounts and group resources; delegate and administer control of directory objects; and maintain and restore the directory database. Semester Hours 3 (2 lec/2 lab)

### **Prerequisites and/or Corequisites:**

Prerequisite: ITNW 1354 or job experience in networking.

### **Required Text & Material:**

Windows Server 2003 Active Directory Infrastructure by Dennis Suhanovs, Osborne  
1 – 1GB USB Flash Drive

### **Course Objectives and/or Competencies:**

- A. Course Objectives: Upon successful completion of ITNW 1345, the student will be able to set up and use Directory Services on a Server. Students will describe the logical and physical structure of directory services; configure the Domain Name System (DNS) server service to support directory services; create and administer user accounts and group resources; delegate and administer control of directory objects; and maintain and restore the directory database.
- B. Course Competencies: Upon completion of ITNW 1345, students will be able to:
1. Describe the logical and physical components of Active Directory.
  2. Create and configure a forest and domain structure by using an Active Directory infrastructure design.
  3. Plan and implement an organizational unit structure.
  4. Plan and implement Active Directory user, group, and computer accounts.
  5. Plan and implement a Group Policy strategy to centrally manage users and computers in an enterprise.
  6. Deploy, manage, and troubleshoot software that is deployed using Group Policy.
  7. Implement sites to manage and monitor Directory Services replication.

8. Plan and implement the placement of domain controllers, global catalog servers, and DNS servers that are integrated with Directory Services.
9. Plan and manage operations masters.
10. Back up, restore, and maintain Active Directory.
11. Plan and implement Directory Services infrastructure that is based on a design that an enterprise architect provides.

C. Evaluation:

1. Instructor designed test
2. Laboratory Projects
3. Class Attendance

**MCC Attendance Policy:**

Regular and punctual attendance is expected of all students, and each instructor will maintain a complete record of attendance for the entire length of each course, including online and hybrid courses. Students will be counted absent from class meetings missed, beginning with the first official day of classes. Students, whether present or absent, are responsible for all material presented or assigned for a course and will be held accountable for such materials in the determination of course grades. In the case of online and hybrid courses, attendance will be determined in terms of participation, as described in the course syllabus.

Absence from 25 percent of scheduled lecture and/or laboratory meetings will be taken as evidence that a student does not intend to complete the course, and the student will be withdrawn from the course with a grade of W. The instructor may reinstate the student if satisfied that the student will resume regular attendance and will complete the course. If the student's 25 percent absences are reached after the official drop date, the instructor may assign a W, if the student is passing and requests to be withdrawn. However, if a student who is not passing reaches the 25 percent point after the official drop date, the student will receive an F. In extenuating circumstances, the instructor may assign a W to a student who is not passing.

Each absence will count toward attendance requirements in each course.

Students will be permitted to make up class work and assignments missed due to absences caused by (1) authorized participation in official College functions, (2) personal illness, (3) an illness or a death in the immediate family, or (4) the observance of a religious holy day. Also, the instructor has the prerogative of determining whether a student may make up work missed due to absences for other reasons. It is the student's responsibility to inform the instructor of the reason for an absence and to do so in a timely fashion.

**Student Absences on Religious Holy Days**

McLennan Community College shall excuse a student from attending classes or other required activities including examinations for the observance of a religious holy day, including travel for that purpose. Students are required to file a written request with each instructor for an excused absence. A student whose absence is excused for this observance may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. Religious holy day means a holy day observed by a religion whose places of worship are exempt from property taxation under the Texas Tax Code. McLennan Community College may not excuse absences for religious holy days which may interfere with patient care.

Note: Students interested in seeing the class attendance policy in its entirety should check the Highlander Guide or the MCC policy manual.

**ADA Statement:**

In accordance with the requirements of the Americans with Disabilities Act (ADA), and the regulations published by the United States Department of Justice 28 C.F.R. 35.107(a), MCC's designated ADA co-coordinators, Mr. Gene Gooch - Vice President, Finance and Administration and Dr. Santos Martinez – Vice President, Student Services shall be responsible for coordinating the College's efforts to comply with and carry out its responsibilities under ADA. Students with disabilities requiring physical, classroom, or testing accommodations should contact Mr. Marcus Sweatt, Disabilities Specialist, at 299-8122 or [msweatt@mclennan.edu](mailto:msweatt@mclennan.edu).

