



WACO, TEXAS

ADMINISTRERING SQL SERVER

ITNW 2352

COURSE SYLLABUS

REVISED: 09-10

ADMINISTRERING SQL SERVER

ITNW 2352

Course Description:

Develops skills in the installation, configuration, administration, and troubleshooting of SQL Servers client/server database management system version. Students will describe SQL Server architecture; plan for a SQL Server installation; install SQL Server and configure SQL Server; manage files and databases; choose a login security method; and configure login security. Course also includes the planning and implementation of database permissions; backing up databases and restoring databases; automating administrative tasks using SQL Server Agent; creating custom administrative tools; transferring and migrating data into databases; monitoring SQL Server performance; and replicating data from one SQL Server to another. Semester Hours 3 (2 lec / 2 lab)

Prerequisites and/or Corequisites:

Prerequisite: ITSC 1305 and a networking course or experience.

Required Text & Material:

Textbook Pending

1 -1 GB USB Flash Drive

Course Objectives and/or Competencies:

- A. Course Objectives: Describe SQL Server architecture; plan for a SQL Server installation; install SQL Server and configure SQL Server; manage files and databases; choose a login security method; and configure login security. Plan and implement database permissions; back up databases and restore databases; automate administrative tasks using SQL Server Agent; create

custom administrative tools; transfer and migrate data into databases; monitor SQL Server performance; and replicate data from one SQL Server to another

- B. Course Competencies: Upon successful completion of ITNW 2352, the student will be able to use Windows SQL Server to set-up and administer a Database Server.

Specific Competencies (Related to Content): Upon successful completion of the course, the student should be able to:

1. Install Windows SQL200 Server
2. Create and administer Users and Groups.
3. Share resources across the network.
4. Monitor performance of SQL2000 Server
5. Manage , configure, troubleshoot system storage Manage, monitor, and optimize system performance.
6. Secure SQL2000 Server.
7. Backup and restore SQL Server

- 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.

ITNW 2352-ADMINISTRERING SQL SERVER

Course Competencies	Workplace Competencies															Foundation Skills																								
	Resources				Interpersonal					Information				Systems			Technology			Basic Skills					Thinking Skills						Personal Qualities									
	A	B	C	D	A	B	C	D	E	F	A	B	C	D	A	B	C	A	B	C	A	B	C	D	E	A	B	C	D	E	F	A	B	C	D	E				
Install Windows SQL200 Server.											X				X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Create and administer Users and Groups.					X						X				X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Share resources across the network.	X				X						X				X			X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Monitor performance of SQL2000 Sever.											X				X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Backup and restore SQL2000 Server.											X				X			X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Secure SQL2000 Server	X														X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Manage , configure, troubleshoot system storage															X			X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Manage, monitor, and optimize system performance.															X			X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X