



Syllabus: Querying Microsoft SQL Server (with Transact-SQL)
Course Number: ITMT 1303
Semester & Year: Fall 2018

Instructor Information

Name: Christopher Townley
Office: Media Center Building – Room 154
E-Mail: Christopher.Townley@texarkanacollege.edu
Office Hours: 9:00 am – 4:00 pm by appointment

Textbook Information (Book Recommended)

The Language of SQL, 2nd Edition
By Larry Rockoff
Addison-Wesley, Pearson Education, 2017
ISBN-10: 0134658256
ISBN-13: 978-0134658254

Course Description

Introductory coverage of the technical skills required to write basic (Transact) SQL queries for Microsoft SQL Server.

Student Learning Outcomes for the Course

- Describe uses of and ways to execute the Transact-SQL language
- Use querying tools (such as MS SQL Server)
- Write SELECT queries
- Group and summarize data
- Join data from multiple tables
- Modify data in tables using INSERT, UPDATE and DELETE queries
- Create Database objects

Student Requirements for Completion of the Course and Due Dates

Students are expected to attend all class sessions and complete assigned labs. The class will loosely cover material found in the chapters, but we will be deviating from the main flow as necessary to fit learning objectives of the class.

Tentative Schedule

Month	Date	Material to be covered
August	23	Go over syllabus and course requirements Introduction to Relational Databases and SQL
	30	Basic Data Retrieval, Sorting Data
September	06	Calculated Fields and Aliases, Using Functions
	13	Periodic Exam 1 Selection Criteria
	20	Boolean Logic
	27	Conditional Logic
October	04	Periodic Exam 2 Modifying Data
	11	Summarizing Data
	18	Subtotals
	25	Periodic Exam 3 Inner Joins, Outer Joins, Self Joins
November	01	Subqueries, Set Logic
	08	Crosstabs
	15	Periodic Exam 4 Views, Stored Procedures and Parameters
	22	College Closed for Thanksgiving Day Holiday
	29	Maintaining Tables
December	06	Principles of Database Design
	13	Periodic Exam 5 & Skills Final

Student Assessment

Students will be assessed on successful completion of the assigned materials.

Hands-on labs will be given each class period to be completed during lab time. Labs should be turned in upon completion and are due one day prior to the next class meeting. 20 points will be deducted for each week that a lab is late.

Quizzes will be given at the beginning of each class period to assess your understanding of the material covered in the previous day and will count as part of your participation grade.

Periodic examinations will be given in the classroom to assess your knowledge of the learning objectives.

A skills final will be given to assess your ability to write basic SQL queries in Microsoft SQL Server.

Final Grade Calculation

Assignments and Assessments	Final Grade %
Participation (Including weekly quizzes)	20%
Periodic Examinations	30%
Hands-on labs	30%
Skills Final Exam	20%

Grading Scale

Grade	Range
A	90-100
B	80-89.99
C	70-79.99
D	60-69.99
F	59-below

Additional Course Resources and Materials

Due to the nature of the course, some assignments will be assigned to meet learning objectives that are outside of the content of the main text. These additional materials will be provided through myTC and may include links to videos and text from various sources.

Attendance Policy

Your punctual attendance and your participation are required for successful completion of the course. You may be dropped from the course without notice after a total of 2 class absences. Accumulating 3 times tardy counts as one unexcused absence, and 2 unexcused absences will result in being dropped from the course.

Failure to complete the daily assessment quizzes prior to the 30 minute cutoff will also result in a tardy for the day and a "0" grade given for the quiz. Only currently enrolled students are allowed to attend classes. Any student who officially withdraws from the course before the drop date and before the instructor has dropped the student from the course will receive a grade of "W", unless instructor drops the student with an "F" for cheating. The last day for a student to drop the class is November 16, 2018. After that date drops with a grade of "W" will no longer be given. Students are expected to attend, regularly, all classes in the course for which they are enrolled.

Any student that just stops coming to class and chooses to make an F, the last date they attended will be listed on the final grade sheet and they will most likely have to pay back money received from grants and scholarships.

Make-up Policy

The student is responsible for work missed because of illness, school business, religious holidays, military service or other circumstances and must make arrangements with their instructor prior to their absences. No incomplete grades will be given for failure to attend and participate. Due to the limited number of times that the class will meet, it is imperative that you attend every class session and complete all work and assessments.

Makeup quizzes and exams will only be given for excused absences and if the instructor is notified within a reasonable time frame (no later than 24 hours before or after the absence). Absences will only be excused if they meet the guidelines within the Student Handbook or by the instructor's prerogative. Otherwise, any missed work and quizzes will result in a "0" being given for the assigned item.

Class assignments must be turned in on time. Given extreme circumstances, you may be allowed to turn in an assignment slightly late with your instructor's permission.

Classroom Cell Phone Policy

Students should turn cell phones off or at least put them on silent. Do not conduct phone calls or text in class. It can wait. If you must take a call or text, quietly leave the room and return when finished. Emergency calls for you should go through campus security at 903.798.3330.

Academic Integrity Statement

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F". This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

Disability Act Statement

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. It is best to request these changes at the beginning if not before the start of class so there is ample time to make the accommodations.

Financial Aid

Attention! Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

Miscellaneous Texarkana College Policies

Students are not allowed to bring food or drinks into the classroom, lab, or the Testing Center. The cost of damage to computer equipment, carpet, and furniture can be significant due to a minor mishap.

The viewing of pornography is prohibited and will result in being dropped from class with the grade of "F", and the Dean of Students will take disciplinary action. The use of student email for obscene or pornographic purposes is prohibited.

Any form of harassment will result in dismissal from class with the grade of "F", and the Dean of Students will take disciplinary action.

The Computer Lab is under camera surveillance.

Changes

This syllabus is subject to change as deemed necessary by the instructor. At time such changes are made, they will be announced in class and posted on the TC On-line page for this class.