

CIS-4388-140, CRN 110654-PB: Structured Query Language

Spring 2020

Texas A&M University-Central Texas

Instructor: Dr. Anitha Chennamaneni

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Preferred Email: Course Canvas Site, Inbox tool.

Alternate (if Canvas is down): anitha.chennamaneni@tamuct.edu

Office Hours: **Monday** 11 am – 1 pm

Wednesday 11 am – 1 pm

Thursday 11 am – 1 pm

Other days and times by appointment only

Mode of instruction and course access: This is an independent study course that will be completed through face to face, email and phone interactions. Assignment submissions can be emailed to the professor or uploaded in canvas

Student-instructor interaction: Please send all course related email correspondence through TAMUCT email. I check email several times a day during the week and at least once during the weekends. I will respond within 24 hours and within 48 hours on Saturday through Sunday. Please do not hesitate to stop by my office during the scheduled office hours or contact me via phone / Canvas Conversations Tool or *TAMUCT email*, if there are any personal problems or challenges that are hindering your regular progress in the course.

WARRIOR SHIELD

Emergency Warning System for Texas A&M University-Central Texas

Warrior Shield is an emergency notification service that gives Texas A&M University-Central Texas the ability to communicate health and safety emergency information quickly via email, text message, and social media. All students are automatically enrolled in Warrior Shield through their myCT email account.

Connect to Warrior Shield by [911Cellular](#)

[<https://portal.publicsafetycloud.net/Account/Login>] to change where you receive your alerts or to opt out. By staying enrolled in Warrior Shield, university officials can quickly pass on safety-related information, regardless of your location

COURSE INFORMATION

Course Overview and description:

Study relational database schema, formulating queries and sub-queries of varying

complexity, embedding query statements in a “host” language, and defining and querying data views.

Prerequisite(s): CIS 4301 or permission of department chair.

Course Objectives:

This course provides an introduction on how to use SQL to retrieve data from a database, how to update data in a database, how to build and maintain databases, how to design relational databases, and strategies for displaying data after it has been retrieved.

Student Learning Outcomes:

A student successfully completing this course will be able to:

- Demonstrate the basic structure of a standard SQL query
- Write SQL statements using joins, subqueries, and built-in functions
- Write SQL statements to insert, update, and delete data
- Create views, stored procedures, functions, and triggers
- Describe the fundamentals of database design using normalization

Required Reading and Textbook(s):

Beginning Microsoft SQL Server 2012 Programming

Authors: Paul Atkinson, Robert Vieira

Publisher: Wiley & Sons

ISBN: 978-1-118-10228-2

Note: An electronic version of the books may be available.

Note: A student of this institution is not under any obligation to purchase a textbook from a University-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Current publications - The campus library contains numerous books and periodicals relating to Computer Information Systems and Computer Science. The student should take advantage of these resources by visiting the library.

COURSE REQUIREMENTS

- **Examinations:** There will be two exams, one midterm and one final exam. Each is worth 20 points. The midterm covers chapters 1-10, and the final covers chapters 11-17 & 21. Exams will be conducted in class and will be timed.

- **Assignments:** There will be 6 take-home assignments. Each assignment will be worth 10 points. Assignments will typically be available on Canvas for 2 weeks. If an assignment has multiple files, you will be required to “zip” the files prior to submission via Canvas.

Grading Criteria Rubric and Conversion

Assignment	Points	Percent	My Grade
Exams	40	40%	
Assignments	60	60%	
Total	100 points	100%	

89.5-100%	90 -100 points	A
79.5-89.4%	80 - 89 points	B
69.5-79.4%	70 -79 points	C
59.5-69.4%	60 - 69 points	D
0-59.4%	0-59 points	F

Posting of Grades:

All student grades will be posted on the Canvas Grade book and students should monitor their grading status through this tool. Grades for weekly assignments, discussions, quizzes and exams will be posted within 7 days following the due date.

CALENDAR

The instructor reserves the right to make changes to this syllabus. Any changes that effect grades or grading will be made in writing.

Week	Week of:	Topic	Assignments Due
1	01/13/2020	Course Welcome, Introduction, and Expectations Chapter 1	Read Syllabus in-depth Post to Introductory Meet & Greet Discussion forum
2	01/20/2020	Chapters 2 - 3	
3	01/27/2020	Chapters 4 - 5	Assignment1
4	02/03/2020	Chapter 6	Assignment2

5	02/10/2020	Chapter 7	
6	02/17/2020	Chapter 8	Assignment3
7	02/24/2019	Chapter 9	
8	03/02/2020	Chapter 10	Midterm Exam
	03/09/2020 – Spring Break		
9	03/16/2020	Chapter 11	
10	03/23/2020	Chapters 12 - 13	Assignment4
11	03/30/2020	Chapters 14 - 15	
12	04/06/2020	Chapters 16-17	Assignment5
13	04/13/2020	Chapters 18 - 19	Assignment6
14	04/20/2020	Chapter 20	
15	04/27/2020	Chapter 21	
16	05/06/2020		Final Exam

Important University Dates:

Date	Activity
01/13/2020	Classes Begin for Spring Semester
01/15/2020	Deadline for Add, Drop, and Late Registration for 16- and First 8-Week Classes
01/20/2020	Martin Luther King, Jr Day (University Closed)
01/21/2020	Deadline to Drop First 8-Week Classes with No Record
01/29/2020	Deadline to Drop 16-Week Classes with No Record
02/21/2020	Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)
03/01/2020	Deadline for Teacher Education and Professional Certification Applications
03/06/2020	Classes end for 1st 8-Weeks
03/09/2020	Spring Break (No Classes - Administrative Offices Open)
03/10/2020	Spring Break (No Classes - Administrative Offices Open)
03/11/2020	Spring Break (No Classes - Administrative Offices Open)

03/12/2020	Spring Break (No Classes - Administrative Offices Open)
03/13/2020	Spring Break (University Closed)
03/10/2020	Deadline for Faculty Submission of First 8-Week Final Class Grades (due by 3pm)
03/15/2020	Deadline for Clinical Teaching/Practicum Applications
03/16/2020	Add, Drop, and Late Registration Begins for Second 8-Week Classes
03/16/2020	Classes Begin for Second 8-Week Session
03/16/2020	Class Schedule Published for Summer Semester
03/18/2020	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
03/23/2020	Deadline to Drop Second 8-Week Classes with No Record
03/27/2020	Deadline for Graduation Application for Ceremony Participation
03/30/2020	Registration Opens for Seniors, Post-Bacc, and Graduate Students for Summer
04/03/2020	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
04/06/2020	Registration opens for all students for the Summer and Fall Semesters
04/24/2020	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
05/08/2020	Deadline for Applications for Tuition Rebate for Spring Graduation (5pm)
05/08/2020	Deadline for Degree Conferral Applications to the Registrar's Office
05/08/2020	Deadline to Withdraw from the University for 16- and Second 8-Week Classes
05/08/2020	Spring Semester Ends
05/09/2020	Spring Commencement Ceremony

TECHNOLOGY REQUIREMENTS AND SUPPORT

Technology Requirements

This course will use the A&M-Central Texas Instructure Canvas learning management system. **We strongly recommend the latest versions of Chrome or Firefox browsers. Canvas no longer supports any version of Internet Explorer.**

Logon to A&M-Central Texas Canvas [<https://tamuct.instructure.com/>] or access Canvas through the TAMUCT Online link in myCT [<https://tamuct.onecampus.com/>]. You will log in through our Microsoft portal.

Username: Your MyCT email address. Password: Your MyCT password

Canvas Support

Use the Canvas Help link, located at the bottom of the left-hand menu, for issues with Canvas. You can select "Chat with Canvas Support," submit a support request through "Report a Problem," or call the Canvas support line: 1-844-757-0953.

For issues related to course content and requirements, contact Dr. Anitha Chennamaneni.

Other Technology Support

For log-in problems, students should contact Help Desk Central
24 hours a day, 7 days a week

Email: helpdesk@tamu.edu

Phone: (254) 519-5466

[Web Chat](http://hdc.tamu.edu): [<http://hdc.tamu.edu>]

Please let the support technician know you are an A&M-Central Texas student.

UNIVERSITY RESOURCES, PROCEDURES, AND GUIDELINES

Drop Policy

If you discover that you need to drop this class, you must complete a [Drop Request Form](https://www.tamuct.edu/registrar/docs/Drop_Request_Form.pdf) [https://www.tamuct.edu/registrar/docs/Drop_Request_Form.pdf].

Professors cannot drop students; this is always the responsibility of the student. The Registrar's Office will provide a deadline on the Academic Calendar for which the form must be completed, signed and returned. Once you return the signed form to the Registrar's Office, you must go into Warrior Web and confirm that you are no longer enrolled. If you still show as enrolled, FOLLOW-UP with the Registrar's Office immediately. You are to attend class until the procedure is complete to avoid penalty for absence. Should you miss the drop deadline or fail to follow the procedure, you will receive an F in the course, which may affect your financial aid and/or VA educational benefits.

Academic Integrity

Texas A&M University -Central Texas values the integrity of the academic enterprise and strives for the highest standards of academic conduct. A&M-Central Texas expects its students, faculty, and staff to support the adherence to high standards of personal and scholarly conduct to preserve the honor and integrity of the creative community. Academic integrity is defined as a commitment to honesty, trust, fairness, respect, and responsibility. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. Academic misconduct is any act that improperly affects a true and honest evaluation of a student's academic performance and includes, but is not limited to, working with others in an unauthorized manner, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student's work, collusion, and the abuse of resource materials. All academic misconduct concerns will be referred to the university's Office of Student Conduct. Ignorance of the university's standards and expectations is never an excuse to act with a lack of integrity. When in doubt on collaboration, citation, or any issue, please contact your instructor before taking a course of action.

For more [information regarding the Student Conduct process](https://www.tamuct.edu/student-affairs/student-conduct.html), [https://www.tamuct.edu/student-affairs/student-conduct.html].

If you know of potential honor violations by other students, you may [submit a report](https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0), [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0].

Academic Accommodations

At Texas A&M University-Central Texas, we value an inclusive learning environment where every student has an equal chance to succeed and has the right to a barrier-free education. The Office of Access and Inclusion is responsible for ensuring that students with a disability receive equal access to the university's programs, services and activities. If you believe you have a disability requiring reasonable accommodations please contact the Office of Access

and Inclusion, WH-212; or call (254) 501-5836. Any information you provide is private and confidential and will be treated as such.

For more information please visit our [Access & Inclusion](https://tamuct.instructure.com/courses/717) Canvas page (log-in required) [https://tamuct.instructure.com/courses/717]

Important information for Pregnant and/or Parenting Students

Texas A&M University-Central Texas supports students who are pregnant and/or parenting. In accordance with requirements of Title IX and related guidance from US Department of Education's Office of Civil Rights, the Dean of Student Affairs' Office can assist students who are pregnant and/or parenting in seeking accommodations related to pregnancy and/or parenting. Students should seek out assistance as early in the pregnancy as possible. For more information, please visit [Student Affairs](https://www.tamuct.edu/student-affairs/index.html) [https://www.tamuct.edu/student-affairs/index.html]. Students may also contact the institution's Title IX Coordinator. If you would like to read more about these [requirements and guidelines](http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf) online, please visit the website [http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf].

Title IX of the Education Amendments Act of 1972 prohibits discrimination on the basis of sex and gender—including pregnancy, parenting, and all related conditions. A&M-Central Texas is able to provide flexible and individualized reasonable accommodation to pregnant and parenting students. All pregnant and parenting students should contact the Associate Dean in the Division of Student Affairs at (254) 501-5909 to seek out assistance. Students may also contact the University's Title IX Coordinator.

Tutoring

Tutoring is available to all A&M-Central Texas students, both on-campus and online. Subjects tutored on campus include Accounting, Advanced Math, Biology, Finance, Statistics, Mathematics, and Study Skills. Tutors are available at the Tutoring Center in Warrior Hall, Suite 111. Tutor.com tutoring **will not offer writing support** beginning August 1, 2019, but will continue to offer other tutoring support.

If you have a question regarding tutor schedules, need to schedule a tutoring session, are interested in becoming a tutor, or have any other question, contact Academic Support Programs at (254) 501-5836, visit the Office of Student Success at 212F Warrior Hall, or by emailing studentsuccess@tamuct.edu .

Chat live with a tutor 24/7 for almost any subject from on your computer! Tutor.com is an online tutoring platform that enables A&M-Central Texas students to log in and receive online tutoring support at no additional cost. This tool provides tutoring in over 40 subject areas. Access Tutor.com through Canvas.

University Writing Center

Located in Warrior Hall 416, the University Writing Center (UWC) at Texas A&M University–Central Texas (TAMUCT) is a free workspace open to all TAMUCT students from 10:00 a.m.-5:00 p.m. Monday thru Thursday with satellite hours in the University Library Monday thru Thursday from 6:00-9:00 p.m. This semester, the UWC is also offering online only hours from 12:00-3:00 p.m. on Saturdays.

Tutors are prepared to help writers of all levels and abilities at any stage of the writing process. While tutors will not write, edit, or grade papers, they will assist students in developing more effective composing practices. By providing a practice audience for students' ideas and writing, our tutors highlight the ways in which they read and interpret students' texts, offering guidance and support throughout the various stages of the writing process. In addition, students may work independently in the UWC by checking out a laptop that runs the Microsoft Office suite and connects to WIFI, or by consulting our resources on writing, including all of the relevant style guides. Whether you need help brainstorming ideas, organizing an essay, proofreading, understanding proper citation practices, or just want a quiet place to work, the UWC is here to help!

Students may arrange a one-to-one session with a trained and experienced writing tutor by visiting the UWC during normal operating hours (both half-hour and hour sessions are available) or by making an appointment via [WOnline](https://tamuct.mywconline.com/) [https://tamuct.mywconline.com/]. In addition, you can email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu if you have any questions about the UWC and/or need any assistance with scheduling.

University Library

The University Library provides many services in support of research across campus and at a distance. We offer over 200 electronic databases containing approximately 250,000 eBooks and 82,000 journals, in addition to the 85,000 items in our print collection, which can be mailed to students who live more than 50 miles from campus. Research guides for each subject taught at A&M-Central Texas are available through our website to help students navigate these resources. On campus, the library offers technology including cameras, laptops, microphones, webcams, and digital sound recorders.

Research assistance from a librarian is also available 24 hours a day through our online chat service, and at the reference desk when the library is open. Research sessions can be scheduled for more comprehensive assistance, and may take place on Skype or in-person at the library. Assistance may cover many topics, including how to find articles in peer-reviewed journals, how to cite resources, and how to piece together research for written assignments.

Our 27,000-square-foot facility on the A&M-Central Texas main campus includes student lounges, private study rooms, group work spaces, computer labs, family areas suitable for all ages, and many other features. Services such as interlibrary loan, TexShare, binding, and laminating are available. The library frequently offers workshops, tours, readings, and other events. For more information, please visit our [Library website](#)

[<http://tamuct.libguides.com/index>].

OPTIONAL POLICY STATEMENTS

A Note about Sexual Violence at A&M-Central Texas

Sexual violence is a serious safety, social justice, and public health issue. The university offers support for anyone struggling with these issues. University faculty are mandated reporters, so if someone discloses that they were sexually assaulted (or a victim of Domestic/Dating Violence or Stalking) while a student at TAMUCT, faculty members are required to inform the Title IX Office. If you want to discuss any of these issues confidentially, you can do so through Student Counseling (254-501-5955) located on the second floor of Warrior Hall (207L).

Sexual violence can occur on our campus because predators often feel emboldened, and victims often feel silenced or shamed. It is incumbent on ALL of us to find ways to actively create environments that tell predators we don't agree with their behaviors and tell survivors we will support them. Your actions matter. Don't be a bystander; be an agent of change. For additional information on campus policy and resources visit the [Title IX webpage](https://www.tamuct.edu/departments/compliance/titleix.php) [<https://www.tamuct.edu/departments/compliance/titleix.php>].

Behavioral Intervention

Texas A&M University-Central Texas cares about the safety, health, and well-being of its students, faculty, staff, and community. If you are aware of individuals for whom you have a concern, who are exhibiting concerning behaviors, or individuals causing a significant disruption to our community, please make a referral to the Behavioral Intervention Team. Referring your concern shows you care. You can complete the [referral](https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2) online [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2].

Anonymous referrals are accepted. Please see the [Behavioral Intervention Team](https://www.tamuct.edu/student-affairs/bat.html) website for more information [<https://www.tamuct.edu/student-affairs/bat.html>]. If a person's behavior poses an imminent threat to you or another, contact 911 or A&M-Central Texas University Police at 254-501-5800.

INSTRUCTOR POLICIES.

The instructor reserves the right to make changes to this syllabus during the course of the semester for the benefit of the students. Any changes that effect grades or grading will be made in writing.

Instructor reserves the right to supplement the material presented in the text with additional material including handouts, oral presentations, industry articles, videos, research paper readings, case studies, power point presentations etc. for the benefit of the students

All work is submitted through Canvas and due on the specified due date/time. Work turned in after due date is considered *late*. 5 points will be deducted for each day the assignment is late. Special circumstances need to be discussed with me ahead of time when possible. Missed assignments, projects, and examinations will receive a grade of zero.

Any work not submitted in the proper format is rejected and receives no credit.

Incidents of violations of academic integrity, such as plagiarism or turning in the work of others as your own work, will result in a cap on the maximum number of points that can be earned in this class. The cap will be 600 points resulting in a best case grade of "D" for the class.

At all times in the class, please observe proper rules of netiquette in your oral and written communication and conduct yourself in a professional manner

Copyright Notice.

Students should assume that all course material is copyrighted by the respective author(s). Reproduction of course material is prohibited without consent by the author and/or course instructor. Violation of copyright is against the law and Texas A&M University-Central Texas' Code of Academic Honesty. All alleged violations will be reported to the Office of Student Conduct.