INSTRUCTOR AND CONTACT INFORMATION
Instructor: Dr. Timothy G. Woodcock
Office: 323G Founders Hall
Phone: 254-519-5783
Email: WoodcockTG@tamuct.edu Please only use this email

Office Hours:
Office Hours are Monday and Wednesday from 3pm to 5pm and by appointment.

Mode of instruction and course access:
This course is a face-to-face class with some supplemental readings made available online using the TAMUCT Canvas Learning Management System: [https://tamuct.instructure.com] Homework will be assigned, collected, and graded in Canvas.

Student-instructor interaction:
I prefer that you do not phone me. I will check email often Monday through Thursday.

911 Cellular:
Emergency Warning System for Texas A&M University – Central Texas
911Cellular 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 911 Cellular through their myCT email account.

Connect at 911Cellular [https://portal.publicsafetycloud.net/Texas-AM-Central/alert-management] to change where you receive your alerts or to opt out. By staying enrolled in 911Cellular, university officials can quickly pass on safety-related information, regardless of your location.

COURSE INFORMATION
Course Overview and description: This course examines database concepts and structures. The student will learn the file and data management principles underlying database construction; explore fundamental types of database models, with emphasis on relational databases as well as on major non-relational forms; gain experience in analysis, design, development, and optimization of working database applications on a variety of problems. There will be special
emphasis on small and large system databases. Credit for both CIS 4301 and COSC 4301 will not be awarded.

Course Objective:
Student Learning Outcomes:
Successful completion of this course should enable the student to:
1. Explain the role of databases and database applications in business.
2. Use data modeling to create relational databases.
3. Describe and distinguish among normalized forms
4. Design entity-relationship diagrams using standard notation
5. Transform data models into database concept designs using referential integrity constraints
6. Create SQL statements for constructing database components and for retrieving information from databases.
7. Describe the special needs of multi-user databases and techniques to control data concurrency issues.
8. Explain the difference between two and three-tier client/server architecture

Required Reading and Textbook(s):
Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook (in this or other formats) may also be available from an independent retailer, including an online retailer.

1. Database Processing: Fundamentals, Design & Implementation, 14th Ed.
2. Author: Kroenke
3. ISBN: 9780133876703

COURSE REQUIREMENTS
1. Reading Assignments: All assigned chapters will be used as basis for class and/or blackboard discussions. Study the assigned readings before each class.

2. Attendance/Participation Policy: (from TAMU-CT Student Catalog): Student absences are considered by the University to be strictly between the individual student and faculty member. The faculty member has the responsibility and authority to determine whether make-up work can be done because of absences. Students may request make-up consideration for valid and verifiable reasons such as illness, death in the immediate family, legal proceedings, or participation in University-sponsored activities. Students who participate in University-sponsored activities are responsible for obtaining a written explanation for their absence from the faculty/staff member who is responsible for the
activity.

Class attendance is required. Students are responsible for any material missed during an absence. In all cases, the responsibility remains with the students to meet/obtain all course requirements/changes. If you are not present the class period your presentation is scheduled, the presentation grade is zero. Regular course progress is expected. It is each student’s responsibility to review the Canvas and syllabus for the latest information, assignments and examinations. NOTE: Attendance will be taken each class period. Attendance/participation will count as 20% (200 Points) of your total grade. NOTE: Canvas Discussion questions will count toward participation.

2. **Examinations:** There will be one midterm exam worth 200 points (20%). Makeup exams will be given ONLY when arrangements have been made PRIOR to the class meeting.

3. **Homework/Case Problems:** Homework will be assigned after each chapter and is intended to reinforce the concepts discussed in class. Each homework assignment will be worth 20 points, but only the top 10 will count (200 points total). NOTE: All homework will be assigned by Group – the same group that will be working together on the project. Groups will be randomly assigned after the first class day.
4. **Group Project:**
   Each Student will be assigned to a group required to design a communications system. More information about this project will be distributed by the end of the fourth week of class. Groups will be randomly assigned after the first class day. The group project will include a presentation and will be worth 400 points (40%).

5. **Late Submissions:** Homework Assignments will be considered late if submitted after the due date/time. A late penalty of 10% per class day (max of 20% deduction per week) will be applied. That means that NO submissions will be accepted if submitted more than 5 weeks after the due date. In addition, discussions MUST be completed within the week during which the discussion is assigned (i.e. late discussions will NOT be allowed).

   Late tests will NOT be accepted!

   NOTE: NO work will be accepted after 12/14/2017.

6. **Other Notes about assignments:**
   Most (ALL) assignments will be submitted via Canvas.
   
   6.1 If there are multiple parts, submit all parts in a **SINGLE** zip file. I would suggest you create a folder for each assignment, then you can zip that entire folder at once...
   
   6.2 Make sure all parts are labelled in a logical manner that makes it easy for me to figure out which part of the assignment is which.

   **Grading Criteria Rubric and Conversion**

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<th>Points</th>
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**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 *should* be posted (no guarantees) within 7 days following the due date.

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**COURSE OUTLINE AND CALENDAR**

**Important University Dates:**
August 28, Add/Drop/Late Registration begins
August 30, Add/Drop/Late Registration ends, 16-week and 1st 8-week classes
September 1, Priority Deadline to Submit Graduation Application
September 4, Labor Day, CAMPUS CLOSED
September 5, Last day to drop 1st 8-week classes with no record
September 13, Last day to drop 16-week classes with no record
September 22, Last day to drop a 1st 8-week class with a Q or withdraw with a W
October 6, Deadline to submit graduation
October 20, Last day to withdraw from the University (1st 8-week classes WF)
October 23, Add/Drop/Late Registration begins, 2nd 8-week classes
October 26, Add/Drop/Late Registration ends, 2nd 8-week classes
October 30, Last day to drop 2nd 8-week classes with no record
November 10, Veteran’s Day
November 10, Last day to drop with a Q or withdraw with a W (16-week classes)
November 17, Last day to drop a 2nd 8-week class with a Q or withdraw with a W
November 23-24, Thanksgiving, CAMPUS CLOSED
December 15, Last day to withdraw from the University (16-week and 2nd 8-week classes)
December 15, Last day to file for Degree Conferral (Registrar’s Office)
December 15, Commencement (End of Fall Term)
December 25-January 1, WINTER BREAK

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**TECHNOLOGY REQUIREMENTS AND SUPPORT**

**Technology Requirements.**
This course will use the A&M-Central Texas Instructure Canvas learning management system. Logon to A&M-Central Texas Canvas [https://tamuct.instructure.com]. You will need RELIABLE access to an Internet capable computer. Your Canvas login credentials should be:

- **Username:** Your MyCT username (xx123 or everything before the "@" in your MyCT e-mail address)
- **Password:** Your MyCT password

**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.
For issues with **Canvas**, select “chat with Canvas support,” submit a support request to Canvas Tier 1, or call the Canvas support line: 1-844-757-0953, links to all are found inside of Canvas using the “Help” link.

For issues related to course content and requirements, contact your instructor.
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].

Professors cannot drop students; this is always the responsibility of the student. The Registrar’s Office will provide a deadline on the University 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, 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 reported 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.

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 Department 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 Department of Access and Inclusion at (254) 501-5831. Any information you provide is private and confidential and will be treated as such.

For more information please visit our Access & Inclusion webpage [https://www.tamuct.edu/student-affairs/access-inclusion.html].
Texas A&M University-Central Texas supports students who are pregnant and/or parenting. In accordance with requirements of Title IX and 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. For more information, please visit https://www.tamuct.departments/index.php. Students may also contact the institution’s Title IX Coordinator. If you would like to read more about these requirements and guidelines online, please visit the website [http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf].

**Tutoring.**
Tutoring is available to all A&M-Central Texas students, both on-campus and online. On-campus subjects tutored include Accounting, Advanced Math, Biology, Finance, Statistics, Mathematics, and Study Skills. Tutors are available at the Tutoring Center in Warrior Hall, Suite 111. If you have a question regarding tutor schedules, need to schedule a tutoring session, are interested in becoming a tutor, or any other question, contact Academic Support Programs at 254-519-5796, or by emailing Larry Davis at lmdavis@tamuct.edu.

Chat live with a tutor 24/7 for almost any subject on your computer! Tutor.com is an online tutoring platform that enables A&M-Central Texas students to log-in and receive FREE online tutoring and writing support. This tool provides tutoring in over forty subject areas. Access Tutor.com through Canvas.

**The University Writing Center.**
Located in 416 Warrior Hall, the University Writing Center (UWC) at Texas A&M University-Central Texas is a free workspace open to all TAMUCT students from 10am-5pm Monday-Thursday with satellite hours in the University Library on Mondays from 6:00-9:00pm. Students may arrange a one-on-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 [WCOnline](https://tamuct.mywconline.com/). In addition, you can email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu to schedule an online tutoring session. 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 University Writing Center is here to help!

If you have any questions about the University Writing Center, please do not hesitate to contact Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu.
**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 72,000 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 twenty-four 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](https://tamuct.libguides.com/).

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**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 A&M-Central Texas, 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 Counseling Services (254-501-5956) located on the second floor of Warrior Hall.

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).

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**INSTRUCTOR POLICIES**

Students should come to class prepared, ready to ask questions and participate in discussions.

While in other classes, the direct quoting of other authors is considered acceptable; in this class, it is not acceptable. You may not directly quote any other published paper, web site, or textbook in any writing assignment, including papers, homework, discussion boards, PowerPoint presentations, or any other
written assignments. The simple reason for this is that copying (quoting) is a lower level skill. However, reading, understanding, and then communicating the ideas, using your own words, is the high level skill that I want you to develop.

Please note that plagiarism, is a serious problem, and that any plagiarized assignment will result in a failing grade for this class.

Do not submit any code that is not yours. Do not copy code from websites, other students, tutors, friends, family, or from any other source that is not your brain. If you get help with any code, you must make it clear which portions of the code you had help with and which you wrote. You must supply the contact information for the person, web site, youtube video, or other person who helped you. This is very important because you will only learn to write code by writing code. Yes, some concepts are difficult, but if you do not write the code and solve the problems, you will not learn how to write code and solve problems. Having someone explain a solution or algorithm to you or help you debug a problem is acceptable and allowed. Having someone else write the code for you is not OK. Submitting someone else’s code as your own will result in a failing grade for this class.

All late assignments will lose 30% of the available points before being graded. Late assignments will be graded at the professor’s discretion.

All projects must have the author’s name in every class and method submitted. (See Code Documentation Standards.) Every project submitted must be named starting with the student’s last name followed by the project number. All projects must be zipped using WinZip. The zipped file submitted must be named, starting with the student’s last name. Projects that do not follow this naming and documentation standard will be returned ungraded.

Dr. Woodcock reserves the right to modify this syllabus during the semester.