

**COSC4341, 10624, Software Engineering for an E-Business Environment  
Spring 2019**

Texas A&M University-Central Texas

**COURSE DATES, MODALITY, AND LOCATION**

Jan14, 2019 to May 6th, 2019

This is an independent study class.

**INSTRUCTOR AND CONTACT INFORMATION**

**Instructor: Dr. Timothy G. Woodcock**

**Office: 323G Founders Hall**

**Phone: 254-519-5783**

**Email: [WoodcockTG@tamuct.edu](mailto:WoodcockTG@tamuct.edu) Please only use this email**

**Office Hours:**

I will be in the office from noon to 2pm Monday thru Thursday and by appointment.

**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 911Cellular through their myCT email account.

In an effort to enhance personal safety on the Texas A&M University – Central Texas (TAMUCT) campus, the TAMUCT Police Department has introduced Warrior Shield by 911 Cellular. [Warrior Shield](https://www.tamuct.edu/police/911cellular.html) [https://www.tamuct.edu/police/911cellular.html] can be downloaded and installed on your mobile device from Google Play or Apple Store.

Connect at [911Cellular](https://portal.publicsafetycloud.net/Texas-AM-Central/alert-management) [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.

**COSC 4388 Software Engineering for an E-Business Environment**

This course examines the linkage of organizational strategy and electronic methods of delivering products, services, and exchanges in inter-organizational, national, and global environments. Information technology strategy and technological solutions for enabling effective business processes within and between organizations in a global environment are considered. Students study a software life-cycle model, fundamental software engineering principles, and

documentation standards in detail. An E-Business team project is required, which emphasizes the production of high quality software for medium and larger scale projects.

**Course Objective:**

**Student Learning Outcomes:**

The student will learn the aspects of E-commerce  
Students will apply state of the art software and software development tools to create an E-Commerce site.

**Required Reading and Textbook(s):**

“Electronic Commerce” 9<sup>th</sup> Ed, Schneider

**COURSE REQUIREMENTS**

Course Requirements: (include point values for each- not just a percentage)

- A paper describing the products the E-commerce system will be selling = 200 points
- A paper defining all the requirements for this system = 200 points
- A report on the system design, done in UML, ER diagrams, or other accepted design tools = 200 points
- A demonstration of the code required for this system to work = 200 points
- Final demo of the complete working E-Commerce system = 200 points

**Grading Criteria Rubric and Conversion**

Assignment	Total Points
System plan	200
System Requirements	200
System Design	200
Preliminary Demo	200
Final demo	200

Grade	Points
A	900-1000
B	800-899
C	700-799
D	600-699
F	Below 600

**Posting of Grades**

- Grades will be posted in Canvas
- Grades to be posted within one week from the due date

**COURSE OUTLINE AND CALENDAR**

**Complete Course Calendar**

Due dates for reports will be found in Canvas

**Important University Dates:**

March 19, 2018	Spring Semester Admissions Application Opens
October 22, 2018	Advising Begins for Spring Semester
October 22, 2018	Class Schedule Published For Spring Semester
November 1, 2018	Deadline for Scholarship Applications for the Spring Semester
November 5, 2018	Registration Opens for Spring Semester
November 15, 2018	Priority Deadline for International Student Spring Admissions Applications
December 3, 2018	Priority Deadline for Spring VA Certification Request
January 2, 2019	Priority Deadline for Spring Admissions applications
January 10, 2019	Convocation
January 11, 2019	Deadline for Tuition and Fee Payments (16- & First 8-Week Classes)
January 14, 2019	Add, Drop, and Late Registration Begins for 16- and First 8-Week. \$25 fee assessed for late registrants.
January 14, 2019	Classes Begin for Spring Semester
January 16, 2019	Deadline for Add, Drop, and Late Registration for 16- and First 8-Week Classes
January 21, 2019	Martin L. King Jr. Day ( <i>University Closed</i> )
January 22, 2019	Deadline to Drop First 8-Week Classes with No Record
January 30, 2019	Deadline to Drop 16-Week Classes with No Record
February 22, 2019	Student End of Course Survey Opens (First 8-Week Classes)
February 22, 2019	Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)
March 1, 2019	Deadline for Graduation Application for Spring Ceremony Participation

March 1, 2019	Deadline for Teacher Education and Professional Certification Applications (i.e. Principal, Reading Specialist, etc.)
March 8, 2019	Classes End for First 8-Week Session
March 8, 2019	Deadline for Spring Admissions Applications
March 10, 2019	Student End of Course Survey Closes (First 8-Week Classes)
March 11, 2019	Spring Break – No Class ( <i>University Open</i> )
March 11, 2019	Deadline for Faculty Submission of First 8-Week Final Class Grades (due by 3pm)
March 13, 2019	Spring Break – No Class ( <i>University Open</i> )
March 14, 2019	Spring Break – No Class ( <i>University Open</i> )
March 15, 2019	Deadline for Tuition and Fee Payments (Second 8-Week Classes)
March 15, 2019	Deadline for Clinical Teaching Applications
March 15, 2019	Spring Break – No Class ( <i>University Open</i> )
March 18, 2019	Add, Drop, and Late Registration Begins for Second 8-Week Classes. \$25 fee assessed for late registrants.
March 18, 2019	Classes Begin for Second 8-Week Session
March 20, 2019	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
March 25, 2019	Deadline to Drop Second 8-Week Classes with No Record
April 1, 2019	Deadline for GRE/GMAT Scores to Office of Graduate Studies
April 5, 2019	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
April 12, 2019	Deadline for Final Committee-Edited Theses with Committee Approval Signatures to Office of Graduate Studies for Spring Semester
April 26, 2019	Student End of Course Survey Opens (16- and Second 8-Week Classes)
April 26, 2019	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
May 10, 2019	Deadline for Applications for \$1,000 Tuition Rebate for Spring Graduation (5pm)
May 10, 2019	Deadline for Degree Conferral Applications to the Registrar's Office. \$20 Late Application Fee.
May 10, 2019	Deadline to Withdraw from the University for 16- and Second 8-Week Classes

May 10, 2019	Spring Semester Ends
May 11, 2019	Commencement Ceremony Bell County Expo Center 7:00 p.m.
May 12, 2019	Student End of Course Survey Closes (16- and Second 8-Week Classes)
May 14, 2019	Deadline for Faculty Submission of 16-Week and Second 8-Week Final Class Grades (due by 3pm)
May 14, 2019	Deadline for Thesis to Clear Thesis Office for Spring Semester

## TECHNOLOGY REQUIREMENTS AND SUPPORT

*You need to include information about Technology Requirements and Support. In addition, include a statement on the technology requirements for the successful completion of the course and when applicable, information on how to access these resources (for example, how to obtain a certain software through University site license).*

### 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/>] 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 your instructor.

### 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](mailto: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.*

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## 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](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, 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.

For more [information regarding the Student Conduct process](#),

[<https://tamuct.campuslabs.com/engage/organization/tamuct-student-conduct-panel>].

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](#) web page

[<https://www.tamuct.edu/student-affairs/access-inclusion.html>].

### **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 the [Student Affairs](https://www.tamuct.edu/student-affairs/index.html) web page [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 online](http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf), 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.

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) 519-5796, or by emailing Dr. DeEadra Albert-Green at [deeadra.albertgreen@tamuct.edu](mailto:deeadra.albertgreen@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 FREE online tutoring and writing support. 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-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 [WOnline](#). In addition, you can email Dr. Bruce Bowles Jr. at [bruce.bowles@tamuct.edu](mailto: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) [<http://tamuct.libguides.com/index>].

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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 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].