

CIS 4350-130 Management Information Systems

Fall 2018

Texas A&M University-Central Texas

INSTRUCTOR AND CONTACT INFORMATION

Instructor: Joshua D. Wilson

Office: No office

Email: Canvas Inbox preferred. Or use TAMUCT email: joshua.wilson@tamuct.edu

Phone: Mobile (254) 466-1160

Department: College of Business/CIS Department, FH 3.323

Department Phone: 254-519-5437

Department Email: cobainfo@tamuct.edu

Department Fax: 254-501-5825

Office Hours:

No office hours, but I can meet with students at the university by appointment or after class.

Mode of instruction and course access:

This course meets face-to-face Tuesdays and Thursdays from 5:30 PM - 6:45 PM, with supplemental materials made available online. This course will make extensive use of the TAMUCT Canvas Learning Management System. The course syllabus, schedule, supplemental readings, class announcements, presentations, learning modules, assignments, exams, and other course materials will be posted to Canvas.

This course uses the A&M-Central Texas Canvas Learning Management System [<https://tamuct.instructure.com>].

Student-instructor interaction:

My preference is to have contact with students via Canvas first, then e-mail. For urgent or complicated issues, feel free to call me or request an appointment. (Try to avoid texting, if possible)

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.

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.

COURSE INFORMATION

Course Overview and description:

Investigate management issues related to business information systems, which are designed to meet the informational needs of the various business subsystems. Special emphasis on systems development, security, and privacy and the ethics associated with information systems.

Note: This is a writing intensive course; meaning that at least 45% of a student's grade is from written exercises. A student that does not successfully complete these assignments cannot pass the course.

Student Learning Outcomes:

Students will gain an understanding of the following:

- The difference between data and information.
- The difference between data systems and information systems.
- Information infrastructure and components of information systems.
- The different types of IS and their role in gaining a competitive advantage.
- IS security threats and ethical issue.
- The value chain for IT organizations
- The pros and cons of outsourcing, offshoring, and downsizing
- Business process reengineering and innovations
- The functions of the primary components of a computer
- Green computing
- Different levels of computing resources (personal, workgroup, and enterprise computing).
- The evolution of data storage and various database platforms.
- Data management, ETL, NoSQL, Big Data, in-memory concepts.
- Network topologies and different network types.
- Web content and applications.
- The Internet of Things (IoT) and its applications.
- The basics of cloud computing and service models.
- The basics of internet (e/m) commerce models such as B2B, C2C etc.
- The challenges that organizations face in planning, building, and operating enterprise systems.
- The terms "business intelligence (BI)" and "analytics".
- The characteristics of intelligent behavior and compare the performance of natural and artificial intelligence systems.
- The terms virtual reality and augmented reality.
- The components of a strategic plan.
- Goals-based strategic planning process.

Competency Goals Statements (certification or standards):

None

Required Reading and Textbook(s):

Principles of Information Systems, 13th Edition
Ralph M. Stair; George Reynolds
Cengage Learning
ISBN: 9781337746113

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.

Supplemental Material: The course textbook will be supplemented with other materials including handouts, oral presentations, industry articles, research paper readings, case studies, Power Point presentations etc.

Required Reading: The student is expected to read and review all material presented in the assigned chapter prior to class.

COURSE REQUIREMENTS

Students are required to successfully complete a self-introduction, 14 quizzes, 4 exams, a research paper proposal, a research paper – first draft, a research paper – final version, and a case study.

Introduction Task

Write a short biography and to explain what they hope to get from this class in the discussion board. Include a head and shoulder photo of yourself – professional style, not a selfie. Additionally, update your Blackboard profile and include a photo avatar (could be a selfie style if you like). (10 points)

Quizzes and Exams

Each of the 14 quizzes will cover the material from a single chapter, and contain 10 multiple choice questions. Students may take the quizzes multiple times up until the due date for those chapters. Late submissions will be penalized 10% of grade per day late.

Exams

There are 4 exams. 3 of the exams are 50 multiple choice and/or possibly short answer questions and will only cover the material since the last exam. The fourth exam will be a Final Comprehensive Exam covering all chapters. The Final will be a 100 multiple choice and/or possibly short answer questions. Late exams are NOT accepted without prior notice or prior arrangement for special circumstances.

Proposal

Writing a term paper proposal (50 Points) requires a topic, a working title and a clear intention of the paper you are planning to write. The purpose of the proposal is to present a working title and detailed description of the paper so that an instructor can give corrections and adjustments for beginning the term paper. Doing enough prep work for the proposal will give you a clear and logical plan to getting started on writing a draft of your eventual final paper. Late submissions will be penalized 10% of grade per day late.

Step 1

Pick a topic that is familiar or of interest selected from an area covered in the course book. The topic must have a mixture of technology with business in organization.

Step 2

Write a brief description of the paper topic. Be sure to include the paper title even if it is a tentative one.

Step 3

Include in the proposal a topic framework of the various sections that the topic will cover. For example: A proposal framework might include a 'Background' section about the topic, and a 'Purpose' section which covers the questions to be answered by the term paper. Additionally, a 'Results or Findings' section might also be appropriately included, describing how the paper would fulfill the questions. Include any other framework that might be appropriate.

Step 4

In addition to the topic description and framework, a 'Significance of the Paper' section must be included describing why the topic is important. Remember to be as brief as possible yet thorough because you are only providing an idea of what readers can expect to see in the upcoming draft. 5 The proposal topic description, framework, and significance should only be approximately one to two pages long (single spaced).

Step 5

Lastly, on its own page, include a minimal list of at least four (4) peer-reviewed journal article references that serve as the basis of your topic and to be included in your draft as well as the final version of the paper.

A rubric for grading the proposal can be found in Canvas.

First Draft of Paper / Final Version of Paper

Each student is required to prepare a full draft of the term paper on the approved proposed topic. Submitting a paper without an approved proposal will result in a 0. There are no page limitations, but a decent term paper is typically a minimum of 12 pages of 'body' (approximate minimum is 2,000 words). However, Minimum Requirements = Minimum Grade). The term paper must be in APA format. Late submissions will be penalized 10% of grade per day late.

A rubric for grading the draft and paper can be found in Canvas.

APA format support is offered by the TAMUCT Writing Center.

<http://www.tamuct.edu/departments/academicssupport/tutoring-services.php>

Each student will submit a full paper twice. The student will submit the paper's FIRST DRAFT for preliminary grading (100 points). After the student has used the rubric feedback of the first draft to improve the paper, the student will then submit the FINAL VERSION OF THE PAPER for grading (200 points). Late submissions will be penalized 10% of grade per day late.

Case Study

- Select a company that operates globally. Use the Internet and any other available sources to gather information on the company. Research the strategies the company is using to achieve a competitive advantage based on lessons from the textbook.
- Based on your research and course material, write a case study report paper a) describing the company, b) some of the possible benefits that the company might have gained by operating globally, c) the technology used to support a global position and d) the IT strategy used to gain market share and retention.
- Provide recommendations of the type(s) of technology, and methods by which the technology could support decision making.
- Also, describe any challenges that the company has faced or is currently facing as a result of operating in a global society.
- The last section of the report should make suggestions on improving the company's standings in various areas that you determined needs improvement base on the textbook. This section should include the rational of your recommendation.
- The report should be of executive meeting presentation quality. The "body" of the document (excluding title page, references, tables and figures) should be a minimum of 8-10 double spaced pages long and include at least 1 table, and at least 1 figure and any necessary references.

**Late submissions will be penalized 10% of grade per day late. A rubric for grading the Case Study can be found in Canvas.

Grading Criteria Rubric and Conversion

Required Activity	Quantity	Points	Total
Introduction	1	10	10
Quizzes	14	10	140
Exams	3	100	300
Final-Comp	1	100	100
Proposal	1	50	50
First Draft of Paper	1	100	100
Paper	1	200	200
Case Study	1	100	100
Total			1000

Point Range	Letter Grade
1000-900	A
899-800	B
799-700	C
699-600	D
599-0	F

Posting of Grades

Grades will be posted to the Canvas gradebook as assignments are graded. This will typically be done once all students have submitted the assignment.

COURSE OUTLINE AND CALENDAR

Complete Course Calendar:

****This syllabus and schedule are subject to change.**

Week	Date	Readings	Tasks Due this week
1	8/28	Read the Syllabus Chapter 1 – An Intro to Information Systems	Personal Introduction Discussion Board
	8/30	Chapter 2 – Information Systems in Organizations	Chapter 1 Quiz
2	9/4	Chapter 2 – Continued	Chapter 2 Quiz
	9/6	Chapter 3 – Hardware and Mobile Devices	
3	9/11	Chapter 3 – Continued	Chapter 3 Quiz
	9/13	Chapter 4 - Software and Mobile Applications	
4	9/18	Chapter 4 - Continued	Chapter 4 Quiz
	9/20	Chapter 5 – Database Systems and Big Data	
5	9/25	Chapter 5 - Continued	Chapter 5 Quiz
	9/27	Chapter 6 – Networks and Cloud Computing	
6	10/2	Chapter 6 - Continued	Chapter 6 Quiz
	10/4	Exam 1 Review	Paper Proposal Due
7	10/9	Exam 1	Exam 1
	10/11	Chapter 7 – Electronic and Mobile Commerce	
8	10/16	Chapter 7 - Continued	Chapter 7 Quiz
	10/18	Chapter 8 – Enterprise Systems	
9	10/23	Chapter 8 - Continued	Chapter 8 Quiz
	10/25	Chapter 9 – Business Intelligence and Analytics	
10	10/30	Chapter 9 - Continued	Chapter 9 Quiz
	11/01	Chapter 10 – Knowledge Management and Specialized Information Systems	Chapter 10 Quiz
11	11/6	Exam 2 Review	Exam 2
	11/8	Exam 2	
12	11/13	Chapter 11 – Strategic Planning and Project Management	Chapter 11 Quiz
	11/15	Chapter 11 - Continued	
13	11/20	Chapter 12 – System Acquisition and Development	Chapter 12 Quiz
	11/22	Thanksgiving Holiday	
14	11/27	Chapter 13 – Cybercrime and Information System Security	Chapter 13 Quiz Chapter 14 Quiz
	11/29	Chapter 14 - Ethical, Legal, and Social Issues of Information Systems	Term Paper Due
15	12/4	Exam 3 Review	Exam 3
	12/6	Exam 3	Case Study Due
16	12/11	Final Exam Review	Final Exam
	12/13	Final Exam	
			Semester Ends (12/14/18)

Important University Dates:

August 27, 2018 Monday First day of fall semester classes
September 3, 2018 Monday Labor Day Holiday
November 22-23 Thanksgiving Holiday
December 14, 2018 Friday Fall Term Ends

For more important dates please check <https://www.tamuct.edu/registrar/academic-calendar-18-19.html>

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>].

Username: Your MyCT username (xx123 or everything before the "@" in your MyCT e-mail 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

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, 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 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 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](https://www.tamuct.edu/student-affairs/access-inclusion.html) 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.

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.

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](https://tamuct.mywconline.com/) at [https://tamuct.mywconline.com/]. In addition, you can email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu for any assistance needed with scheduling.

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!

If you have any questions about the UWC, 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 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].

INSTRUCTOR POLICIES.

1. Instructor reserves the right to modify the syllabus during the course of the semester for the benefit of the students.
2. Instructor reserves the right to supplement the material presented in the text with addition material that may benefit the students by either providing additional information or a different point of view.
3. Instructor expects that the students will act in a curious and professional manner in all interactions with other students and the instructor.
4. Instructor reserves the right to modify grading rubrics. Changes to grading rubrics are only made to current and possibly future assignments.
5. Instructor will not accept assignments after the last day of classes.