

CIS 3300-110, 81047, Computer Technology and Impact

Fall 2021

Texas A&M University-Central Texas

COURSE DATES, MODALITY, AND LOCATION

The class dates are August 23, 2021 to December 10, 2021.

This is a 100% online course and uses the A&M-Central Texas Canvas Learning Management System [<https://tamuct.instructure.com>].

INSTRUCTOR AND CONTACT INFORMATION

Instructor: Shehryar Iqbal

Office: N/A

Phone: 828-582-7857

Email: shehryar.iqbal@tamuct.edu (Preferred email – “Canvas Inbox”)

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. (Please text me first, and I will definitely call back)

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://www.tamuct.edu/police/911cellular.html) [<https://www.tamuct.edu/police/911cellular.html>] 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.

Fall 2021 Return to Campus Plan. For the most recent campus information regarding COVID-19 see the Texas A&M University-Central Texas [Fall 2021 Return to Campus Plan](https://www.tamuct.edu/covid19/) [<https://www.tamuct.edu/covid19/>]

COURSE INFORMATION

Course Overview and description

This course explores today and tomorrow’s technology with special attention to the impact on real people at home, work, and school. Many topics are presented: hardware and software fundamentals, essential applications, telecommunications, internet, artificial intelligence, programming, and the future of these technologies. Students work with word processing, spreadsheet, database, and presentation software, other applications, and a programming language. The course is designed those students with little or no experience with personal computers and/or the applications presented.

Course Objective or Goal

The objectives of this course offering are to present the most-up-to-date technology in an ever-changing discipline: give students an in-depth understanding of why computers are essential components in business and society; teach the fundamentals of computers and computer nomenclature, particularly with respect to personal computer hardware and software, and the Web; and assist students in planning a career.

Student Learning Outcomes

- Explain why computer literacy is vital to success in today's world
- Discuss the evolution of the Internet
- Identify the four categories of application software
- Differentiate among various styles of system units on desktop computers, notebook computers, and mobile devices
- Define input and differentiate among a program, command, and user response
- Describe the types of output: text, graphics, audio, and video
- Differentiate between storage devices and storage media
- Define system software and identify the two types of system software
- Demonstrate a basic skill level in word processing, spreadsheets, databases, and presentation software.

Required Reading and Textbook(s)

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

Title: Discovering Computers ©2018: Digital Technology, Data, and Devices

Authors: Misty E. Vermaat, Susan L. Sebok, Steven M. Freund, Jennifer T. Campbell, Mark Frydenberg

Publisher: Cengage Learning, 2017

ISBN: 9781337285100

Microsoft Office 365: Office 2016

Author: Misty E. Vermaat

Publisher: Cengage Learning ISBN: 9781305870017

COURSE REQUIREMENTS

Course Requirements:

Participation: Participation is worth 120 points. This will include an 'Introduction Task' in which you will write a short biography and explain what you 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 canvas profile and include a photo avatar (could be a selfie style if you like). (10 points). You will also have 2 discussion questions worth 55 points each.

Quizzes: There will be 12 quizzes. Each quiz is worth 20 points. The quizzes will be available via Canvas and be will timed. The quizzes have five attempts and the highest score for each quiz will be entered into the gradebook. Late submissions will be penalized 10% of grade per day late.

Assignments: There will be 8 assignments. Each assignment will be worth 30 points. Assignments with directions are posted on canvas. Late submissions will be penalized 10% of grade per day late.

Examinations: There will be three exams and one final exam (4 in total). Each of the three exams is 100 points. The final comprehensive exam is 100 points. Exams will be taken via Canvas, must be completed in one session, and will be timed. If accepted, late submissions will be penalized 10% of grade per day late. The fourth exam is a comprehensive exam covering all 12 chapters of the textbook.

Grading Criteria Rubric and Conversion

Required Activity	Quantity	Points	Total
Participation	1	120	120
Quizzes	12	20	240
Assignments (Office)	8	30	240
Exams	3	100	300
Final - Comp.	1	100	100
Total			1000

Posting of Grades

Point Range	Letter Grade
1,000-900	A
899-800	B
799-700	C
699-600	D
599-0	F

COURSE OUTLINE AND CALENDAR

Complete Course Calendar

Week	Date	Reading	Tasks Due
1	08/23/2021	Read the Syllabus Make Sure You Have Access to Microsoft Office Software Chapter 01 – Introducing Today’s Technologies	Intro-Discuss Quiz Ch 01
2	08/30/2021	Chapter 02 – Connecting and Communicating Online Make Sure You Have Access to Microsoft Office Software	Quiz Ch 02
3	09/06/2021	Chapter 03 – Computers and Mobile Devices	Quiz Ch 03 Word 01
4	09/13/2021	Chapter 04 – Programs and Apps	Quiz Ch 04
5	09/20/2021	Exam 1 Chapters 1-4	Exam 1 Word 02
6	09/27/2021	Chapter 05 – Digital Security, Ethics, and Privacy	Quiz Ch 05 PowerPoint 01
7	10/04/2021	Chapter 06 – Computing Components	Quiz Ch 06 PowerPoint 02
8	10/11/2021	Chapter 07 – Input and Output	Quiz Ch 07
9	10/18/2021	Chapter 08 – Digital Storage	Quiz Ch 08
10	10/25/2021	Exam 2 Chapter 5-8	Excel 01 Exam 2 Excel 02
11	11/01/2021	Chapter 09 – Operating Systems	Quiz Ch 09
12	11/08/2021	Chapter 10 – Communicating Digital Content	Quiz Ch 10 Discussion Question 01
13	11/15/2021	Chapter 11 – Building Solutions	Quiz Ch 11 Discussion Question 02
14	11/22/2021	Chapter 12 – Working in the Enterprise	Quiz Ch 12 Access 01
15	11/29/2021	Exam 3 Chapter 9-12	Exam 3 Access 02
16	12/06/2021	Final Exam (1-12) - Comprehensive Exam	Final Exam
17	12/10/2021	End of Semester (December 10 th , 2021)	

Important University Dates

<https://www.tamuct.edu/registrar/academic-calendar.html>

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 your instructor.

Online Proctored Testing

A&M-Central Texas uses Proctorio for online identity verification and proctored testing. This service is provided at no direct cost to students. If the course requires identity verification or proctored testing, the technology requirements are: Any computer meeting the minimum computing requirements, plus web camera, speaker, and microphone (or headset). Proctorio also requires the Chrome web browser with their custom plug in.

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 the [Drop Request](#) Dynamic Form through Warrior Web.

[<https://dynamicforms.ngwebsolutions.com/casAuthentication.ashx?InstID=eaed95b9-f2be-45f3-a37d-46928168bc10&targetUrl=https%3A%2F%2Fdynamicforms.ngwebsolutions.com%2Fsubmit%2FForm%2Fstart%2F53b8369e-0502-4f36-be43-f02a4202f612>].

Faculty 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. Once you submit the completed 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. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. All academic misconduct concerns will be referred to the Office of Student Conduct. 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/pregnant-and-parenting-students.html) [https://www.tamuct.edu/student-affairs/pregnant-and-parenting-students.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, on a remote online basis. Visit the Academic Support Community in Canvas to view schedules and contact information. Subjects tutored on campus include Accounting, Advanced Math, Biology, Finance, Statistics, Mathematics, and Study Skills. Student success coaching is available online upon request.

If you have a question regarding tutor schedules, need to schedule a tutoring session, are interested in becoming a tutor, success coaching, 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 except writing support. Access Tutor.com through Canvas.

University Writing Center

University Writing Center: Located in Warrior Hall 416, the University Writing Center (UWC) at Texas A&M University—Central Texas (A&M—Central Texas) is a free service open to all A&M—Central Texas students. For the Fall 2021 semester, the hours of operation are from 10:00 a.m.-5:00 p.m. Monday thru Thursday in Warrior Hall 416 (with online tutoring available every hour as well) with satellite hours available online only Monday thru Thursday from 6:00-9:00 p.m. and Saturday 12:00-3:00 p.m.

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 making an appointment via WConline at <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, need any assistance with scheduling, or would like to schedule a recurring appointment with your favorite tutor by making an appointment via WOnline at <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, need any assistance with scheduling, or would like to schedule a recurring appointment with your favorite tutor.

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 400,000 eBooks and 82,000 journals, in addition to the 96,000 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 virtually through WebEx, Microsoft Teams 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>].

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 Wellness and 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/compliance/titleix.html>].

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, please make a referral to the Behavioral Intervention Team. Referring your concern shows you care. You can complete the [referral](#) online [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2].

Anonymous referrals are accepted. Please see the [Behavioral Intervention Team](#) website for more information [<https://www.tamuct.edu/bit>]. 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.

OTHER 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 additional 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.

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.

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