

CIS 3343-110, 80376, Windows and Web C# Programming

Fall 2023

Texas A&M University-Central Texas

COURSE DATES, MODALITY, AND LOCATION

Course Dates: Aug 28, 2023 to Dec 15, 2023

Modality: This course meets face-to-face, with supplemental materials made available online through the A&M-Central Texas Canvas Learning Management System [<https://tamuct.instructure.com/>].

Location: Heritage Hall 300

INSTRUCTOR AND CONTACT INFORMATION

Instructor: Dr. Khaldoun Dhou

Office: FH 323

Phone: 254-519-5437

Email: kdhou@tamuct.edu

You can either email or send me a Canvas message. I don't have any preference.

Office Hours

Tuesday and Thursday: 9 AM-12 PM

Office hours can be either in person or we can meet virtually via MS Teams. I am very flexible when it comes to meeting my students. Feel free to email me and I can schedule a time to meet with you even outside my office hours.

Student-instructor interaction

You should expect my response to your email (on Canvas message) within 48 hours (if not faster). If you don't hear back from me within 24 hours, never hesitate to send me a reminder. I am very open to meeting my students and help them to the best I can. I also encourage students to communicate with me if they feel I can be of any help to them.

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

SAFEZONE. SafeZone provides a public safety application that gives you the ability to call for help with the push of a button. It also provides Texas A&M University-Central Texas the ability to communicate emergency information quickly via push notifications, email, and text messages. All students automatically receive email and text messages via their myCT accounts.

Downloading SafeZone allows access to push notifications and enables you to connect directly for help through the app.

You can download SafeZone from the app store and use your myCT credentials to log in. If you would like more information, you can visit the [SafeZone](http://www.safezoneapp.com) website [www.safezoneapp.com].

To register SafeZone on your phone, please follow these 3 easy steps:

1. Download the SafeZone App from your phone store using the link below:
 - o [iPhone/iPad](https://apps.apple.com/app/safezone/id533054756): [<https://apps.apple.com/app/safezone/id533054756>]

- [Android Phone / Tablet](#)
[<https://play.google.com/store/apps/details?id=com.criticalarc.safezoneapp>]
- 2. Launch the app and enter your myCT email address (e.g. {name}@tamuct.edu)
- 3. Complete your profile and accept the terms of service

For updates on COVID information, please monitor the University [website](#)
[<https://www.tamuct.edu/covid19/>]

COURSE INFORMATION

Course Overview and description

Use C# programming language to create Windows applications in the Internet and intra-network environment. Explore object-oriented design, client-server interaction, event-driven programming, graphical user interfaces, distributed data, and distributed applications. Prerequisite(s): CIS 3330 or CIS 3331 or CIS 3332 or permission of the department chair.

Course Objective or Goal

This course provides an introduction to object-oriented programming and the C# programming language. Students will design, create, run, and debug applications. Key topics include variables, classes, objects, selection, iteration, strings, arrays, and methods.

Student Learning Outcomes

A student successfully completing this course will be able to:

- *Use basic concepts of object oriented programming*
- *Design, build, execute and debug C# applications*
- *Use variables, arrays, strings, and file I/O*
- *Use flow control statements*
- *Use data structures*
- *Create graphical user interfaces*
- *Handle exceptions*

Competency Goals Statements (certification or standards)

NA

Required Reading and Textbook(s)

Title: Microsoft Visual C#: An Introduction to Object-Oriented Programming

Authors: Joyce Farrell

Edition: 7th Edition

Publisher: Cengage Learning

ISBN-13: 978-1337102100

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.

COURSE REQUIREMENTS

Exams: There will be two exams: midterm and final. Each is worth 15 points. Details about the midterm and final exams will be provided to you in the class

Assignments: During the semester, you will get different assignments that measure your understanding to the material and help you gain programming skills. Multiple submissions are allowed. You also need to zip the files before submission if the assignment has multiple files. Before you submit any assignment, run it on your computer and make sure it works. You also need to submit a screenshot showing that your code works along with the code.

Discussions: There will see many graded discussions that are worth 10 points (10%). The purpose of these discussions is to stimulate your thinking of the material presented in the class and to help you connect and learn from other students. Discussions are worth 10 points.

Term Project: There will be one term project that is worth 15 points (15%). The details will be provided in the class.

Grading Criteria Rubric and Conversion

The final grade for the course will be based upon the following:

Item	Points	Percentage
Exams	30	30%
Assignments	45	45%
Discussions	10	10%
Project	15	15%
Total	100	100%

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 will be posted within 7 days after of the due date.

Grading Policies

My policy is not to accept late work unless there is a legitimate reason (e.g., sickness). I will judge this on a case-by-case basis. If you believe you have a legitimate reason that did not allow you to finish the work and submit it by the deadline, please come and talk to me. Depending on the situation, I can make an exception for you to make up the work. I always advise students to start

working on the assignments as soon as they get them.

COURSE OUTLINE AND CALENDAR

Complete Course Calendar

Below is a tentative schedule that is subject to change by instructor. I reserve the right to change the schedule at anytime.

Weeks	Topics	Assignments Due
Week 1 Aug 28 – Sep 3	Syllabus / Introduction Chapter 1 – A first program using C#	Assignment 1
Week 2 Sep 4 – Sep 10	Chapter 2 – Using Data	Assignment 2 Discussion 1
Week 3 Sep 11 – Sep 17	Chapter 3 – Using GUI Objects and the Visual Studio IDE	Assignment 3
Week 4 Sep 18 – Sep 24	Chapter 4 – Making decisions	Assignment 4
Week 5 Sep 25 – Oct 1	Chapter 5 – Looping	Assignment 5
Week 6 Oct 2 – Oct 8	Chapter 6 – Using Arrays	Assignment 6
Week 7 Oct 9 – Oct 15	Chapter 7 – Using Methods	Assignment 7 Discussion 2
Week 8 Oct 16 – Oct 22	Chapter 8 – Advanced Method Concepts	Midterm
Week 9 Oct 23 – Oct 29	Chapter 9 – Using Classes and Objects	Assignment 8
Week 10 Oct 30 – Nov 5	Chapter 9 – Using Classes and Objects	Assignment 9
Week 11 Nov 6 – Nov 12	Chapter 10 – Introduction to Inheritance	Assignment 10
Week 12	Chapter 11 – Exception Handling	Assignment 11

Nov 13 – Nov 19		
Week 13 Nov 20 – Nov 26	Chapter 12 – Using Controls	Assignment 12
Week 14 Nov 27 – Dec 3	Chapter 13 – Handling Events	Assignment 13 Discussion 3
Week 15 Dec 4 – Dec 10	Chapter 14 – Files and Streams	Assignment 14
Week 16 Dec 11 – Dec 15		Final Project Final Exam

Important University Dates

August 25, 2023	Deadline for Tuition and Fee Payments (16- & First 8-Week Classes)
August 28, 2023	Classes Begin for Fall Semester
August 28, 2023	Add, Drop, and Late Registration Begins for 16- and First 8-week Classes \$25 Fee assessed for late registrants
August 30, 2023	Deadline for Add, Drop, and Late Registration for 16- and First 8-Week Classes
September 1, 2023	Superintendent Program Application Deadline
September 1, 2023	Educator Preparation Program (Teacher and Principal) Application Deadline
September 5, 2023	Deadline to Drop First 8-week Classes with No Record
September 13, 2023	Deadline to drop 16-week Classes with No Record (Census)
October 6, 2023	Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)
October 6, 2023	Student End of Course Survey Opens (First 8-Week Classes)
October 13, 2023	Deadline for Admissions Applications
October 15, 2023	Deadline for Clinical Teaching Applications
October 20, 2023	Deadline to Withdraw from University for First 8-Week Classes (WF)
October 20, 2023	Classes End for First 8-week Session

October 20, 2023	Deadline for Tuition and Fee Payments (Second 8-Week Classes)
October 20, 2023	Student End of Course Survey Closes (First 8-Week Classes)
October 23, 2023	Add, Drop, and Late Registration Begins for Second 8-Week Classes \$25 Fee assessed for late registrants
October 23, 2023	Classes Begin for Second 8-Week Session
October 23, 2023	Class Schedule Published For Spring and Summer Semester
October 23, 2023	Advising Begins for Spring Semester
October 24, 2023	Deadline for Faculty Submission of First 8-Week Class Final Grades (due by 3pm)
October 25, 2023	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
October 27, 2023	Deadline for Graduation Application for Fall Ceremony Participation
October 30, 2023	Deadline to Drop Second 8-Week Classes with No Record
November 1, 2023	Educator Preparation Program Application Deadline
November 1, 2023	Clinical Teaching Placement Form Deadline
November 1, 2023	School Counselor Program Application deadline (Spring)
November 1, 2023	Deadline for GRE/GMAT Scores to Graduate School Office
November 6, 2023	Registration Opens for Spring Semester
November 9, 2023	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
November 10, 2023	Veteran's Day
November 17, 2023	Priority Deadline for International Student Admissions Applications
November 17, 2023	Deadline for Final Committee-Edited Theses Fall Semester with Committee Approval Signatures to Graduate School Office
November 23-24, 2023	Thanksgiving
December 1, 2023	Deadline for Scholarship Applications for the Spring Semester

December 1, 2023	Student End of Course Survey Opens (16- and Second 8-Week Classes)
December 1, 2023	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
December 1, 2023	Priority Deadline for VA Certification Request (Spring)
December 15, 2023	Deadline to Withdraw from University for 16- and Second 8-Week Classes
December 15, 2023	Fall Semester Ends
December 15, 2023	Deadline for Applications for Tuition Rebate for Fall Graduation (5pm)
December 15, 2023	Deadline for Fall Degree Conferral Applications to the Records and Admissions Office \$20 Late Application Fee
December 15, 2023	Fall Commencement Ceremony Bell County Expo 3 pm
December 19, 2023	Deadline for Faculty Submission of 16-Week and Second 8-Week Final Class Grades (due by 3pm)
December 19, 2023	Deadline for Theses to Clear Graduate School Office for Fall Semester
December 19, 2023	Student End of Course Survey Closes (16- and Second 8-Week Classes)

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, Firefox, Edge, or Safari browsers. Canvas will run on Windows, Mac, Linus, iOS, android, or any other device with a modern web browser. **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/>] by clicking on the "TAMUCT Online Canvas" tile. You will then log in through our Microsoft portal.

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

Canvas Support

Use the Canvas Help tab, located at the bottom of the left-hand menu, for issues with Canvas. You can search the support articles or use the Email, Call, or Chat buttons at the bottom of the support pop-up to contact the Canvas Help Desk.

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

Online Proctored Testing

Texas A&M University-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 requires use of the Chrome web browser with their custom plug in installed.

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

Warrior Center for Student Success

The Warrior Center for Student Success is a comprehensive academic support department at A&M-Central Texas, dedicated to fostering an environment of excellence and empowerment among its student body. The center offers a wide range of programs and services to ensure every student reaches their full potential, and is a haven for students seeking guidance, resources, and a strong support network to excel in their educational journey.

ADA Access and Accommodations: Texas A&M University-Central Texas ensures that students with disabilities have equal access to educational opportunities by providing appropriate accommodations and support services. If you believe you have a physical, learning or socio-emotional disability requiring reasonable accommodations, please visit [Access and Inclusion](https://www.tamuct.edu/student-affairs/access-inclusion.html) [<https://www.tamuct.edu/student-affairs/access-inclusion.html>] for more details or contact the Office of Access and Inclusion, WH-212; (254) 501-5836. Any information you provide is private and confidential.

Success Coaching and Peer Mentoring: Our experienced Success Coaches work one-on-one with students to develop personalized action plans, set academic goals, and build effective study strategies, time management skills, and resilience. Our Peer Mentors provide a valuable support system, offering guidance, encouragement, and a relatable perspective to help students navigate their academic and personal challenges. For more details call 254-501-5836 or 254-501-5928 or visit [Academic Support](https://www.tamuct.edu/student-affairs/academic-support.html) [<https://www.tamuct.edu/student-affairs/academic-support.html>]. Click the link to schedule a session (virtual or in-person) with a success coach bit.ly/3q7uB50 or visit WH, 111.

Testing Services: We offer a secure and comfortable environment for students and members of the community to take courses and distance learning exams, as well as placement tests and professional certification exams. Our Testing Service also offers resources and support referrals

for testing related challenges (test anxiety, learning disabilities, etc.) and supports all approved ADA accommodations. Call (254) 519-5830 or visit the [Testing Center](https://www.tamuct.edu/testing-center/) [https://www.tamuct.edu/testing-center/].

Tutoring and Supplemental Instruction Services: Our team of qualified Tutors and Supplemental Instructors assist students in various non-writing subjects, promoting academic comprehension and enhancing learning outcomes. Click the link to schedule a tutoring session with a TAMUCT tutor (virtual or in-person) or view tutor availability bit.ly/43Q6wNz. You may also chat live with a remote tutor 24/7 for a variety of subjects through our partnership with Tutor.com, an online tutoring platform that is free to all TAMUCT students. To learn more please visit [Tutoring Services](https://www.tamuct.edu/student-affairs/academic-support.html#tutoring) [https://www.tamuct.edu/student-affairs/academic-support.html#tutoring] or call (254) 501-5836 or visit the Tutoring Hub in Warrior Hall, 111.

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 Student Conduct Office. 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 referral](https://cm.maxient.com/reporting.php?TAMUCentralTexas), [https://cm.maxient.com/reporting.php?TAMUCentralTexas].

Drop Policy

If you discover that you need to drop this class, you must complete the [Drop Request](#) Dynamic Form through Warrior Web.

[https://federation.ngwebsolutions.com/sp/startSSO.ping?PartnerIdpld=https://eis-prod.ec.tamuct.edu:443/samlso&SpSessionAuthnAdapterId=tamuctDF&TargetResource=https%3a%2f%2fdynamicforms.ngwebsolutions.com%2fSubmit%2fStart%2f53b8369e-0502-4f36-be43-f02a4202f612].

Faculty cannot drop students; this is always the responsibility of the student. The Records and Admissions Office will provide a deadline on the Academic Calendar for which the form must be completed. Once you submit the completed form to the Records and Admissions 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 Records and Admissions 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.

Pregnant and/or Parenting Students Rights and Accommodations

Texas A&M University-Central Texas supports students who are pregnant, experiencing pregnancy-related conditions, and/or parenting. In accordance with requirements of [Title IX and related guidance from US Department of Education's Office of Civil Rights](#), the Associate Dean in the Division of Student Affairs, (254) 501-5909, can assist students who are pregnant, experiencing pregnancy-related conditions, and/or parenting by provide flexible and individualized reasonable accommodations. Students should seek out assistance as early in the pregnancy as possible through the [Pregnancy & Parenting webpage](#) [<https://www.tamuct.edu/student-affairs/pregnant-and-parenting-students.html>]. For more information, please visit [Student Affairs](#) [<https://www.tamuct.edu/student-affairs/pregnant-and-parenting-students.html>]. 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>].

[Title IX of the Education Amendments Act of 1972](#) specifically prohibits discrimination against a student based on pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery from any of these conditions [<https://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.html>].

Students experiencing any form of discrimination due to any of these conditions are encouraged to reach out to the Title IX Coordinator, 254.519.5716, titleix@tamuct.edu, Founders Hall 317B, or the Associate Dean of Student Affairs, 254.501.5909, Warrior Hall 105.

Title IX Rights and Reporting Responsibilities

Texas A&M University-Central Texas is committed to creating a safe and open learning environment for all students. If you or another student has experienced any form of gender discrimination or sexual misconduct, including sexual harassment, sexual assault, dating/domestic violence, and/or sex-based stalking, help and support are available. Our university strongly encourages all members of our campus community to report incidents and seek support for gender discrimination and sexual misconduct through the Title IX Office. You may contact the Title IX Office at 254.519.5716, titleix@tamuct.edu, Founders Hall 317B, or learn more by visiting the [Title IX webpage](#) [<https://www.tamuct.edu/compliance/titleix.html>].

Please be aware that that under [Title IX](#), [Texas Senate Bill 212](#), and [System Regulation 08.01.01](#), [<https://policies.tamus.edu/08-01-01.pdf>] all university employees are mandated reporters and are required to disclose information about suspected or alleged violations as listed above and defined in System Regulation 08.01.01. If the Title IX Office receives information about an incident, they will reach out to offer information about resources, rights, and procedural options as a member of the campus community. Although I have an obligation to report, you will, in most cases, control how your case will be handled. When working with the Title IX Office you will have access to resources and accommodations but also have the opportunity to express if you wish to move forward with an investigation. Our goal is to make sure you are

aware of the options available to you as a student. Community members are not required to respond to this outreach.

If you or another student wishes to speak to a confidential employee who does not have this reporting responsibility, you can contact the [Student Wellness & Counseling Center](https://www.tamuct.edu/student-affairs/student-counseling.html), [https://www.tamuct.edu/student-affairs/student-counseling.html], 254.501.5955, or swacc@tamuct.edu, located in Warrior Hall Room 207L or the Student Support Advocate, 254.501.5978 or ssa@tamuct.edu, located in founder Hall Room 317D.

University Library & Archives

The University Library & Archives provides many services in support of research across campus and at a distance. We offer over 350 electronic databases containing approximately 1,203,947 eBooks and 134,750 journals, in addition to the 96,879 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. [Schedule an appointment here](https://tamuct.libcal.com/appointments)

[https://tamuct.libcal.com/appointments]. 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 workspaces, 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/index)

[https://tamuct.libguides.com/index]

University Writing Center

Located in Warrior Hall 416 and online, 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. The face-to-face hours of operation are from 10:00 a.m.-5:00 p.m. Monday and Thursday in Warrior Hall 416. Online tutoring is available Monday thru Thursday from 10:00 a.m.-5:00 p.m. and from 6:00-9:00 p.m. and on Saturdays from 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 [WCOOnline](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, need any assistance with scheduling, or would like to schedule a recurring appointment with your favorite tutor.

OTHER 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) [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/reporting.php?TAMUCentralTexas].

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 254-501-5805.

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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