

# Syllabus

## Math 5380-110, 80432, Math and Technology

### Fall 2020

Texas A&M University-Central Texas

### COURSE DATES, MODALITY, AND LOCATION

This course is 100% online course, and uses the A&M-Central Texas Canvas Learning Management System:

<https://tamuct.instructure.com/>

The student will be required to complete 12 projects online and complete one proctored final exam.

The student is also required to complete the following courses on datacamp.com:

Introduction to R

Cleaning data in R

Data Visualization in R

Intermediate R

Building web applications in R with Shiny: Case studies

Building dashboards with Shiny dashboard

Correlation and Regression

Students are required to send progress reports on the courses and apply the skills learned in the final project.

The course will also use the GeoGebra software which can be found at:  
GeoGebra.org

Students will be required to explain abstract mathematical concepts with the GeoGebra software by creating lecture videos by using screen capturing software

The course will be taught from Aug 24, 2020 – December 7th, 2020.

The class will meet online over webex August 24th from 6pm-9pm. Click on this link:

<https://tamuct.webex.com/join/dekock>

Student is also required to take a proctored final exam on December 7<sup>th</sup>. The final exam will be 3 hours long and can be taken anytime between 12pm-8pm. The final should be taken online by using the Proctorio software.

## **INSTRUCTOR AND CONTACT INFORMATION**

**Instructor: Dr Mienie Roberts**

**Physical Office: Heritage Hall Room 302K**

**Virtual office: <https://tamuct.webex.com/join/dekock>**

**Phone: 903.705.9703**

**Email:**

Preferred: Canvas Inbox

University Email: [dekock@tamuct.edu](mailto:dekock@tamuct.edu)

### **Office Hours**

**Instructor's office hours:**

**Face-to-face office hours in HH Room 302K:**

August 24<sup>th</sup> 12pm-2pm

August 31<sup>st</sup> 12pm-2pm

September 28<sup>th</sup> 12pm-2pm

October 5<sup>th</sup> 12pm-2pm

October 12<sup>th</sup> 12pm-2pm

Online office hours:

Click on webex link: <https://tamuct.webex.com/join/dekock>

August 24<sup>th</sup> 12pm-2pm

August 31<sup>st</sup> 12pm-2pm

September 14<sup>th</sup> 12pm-2pm

September 21<sup>st</sup> 12pm-2pm

September 28<sup>th</sup> 12pm-2pm

October 5<sup>th</sup> 12pm-2pm

October 12<sup>th</sup> 12pm-2pm

And every Wednesday from 12pm-2pm.

Student can also schedule an appointment.

**Graduate assistant's office hours:**

**Online office hours:**

Tuesdays and Thursdays from 9am-11am.

### **Student-instructor interaction**

I will check messages once a day on the CANVAS inbox system and reply within 24 hours.

Students are expected to check their CANVAS email and announcements on a daily basis.

## **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://portal.publicsafetycloud.net/Account/Login) [https://portal.publicsafetycloud.net/Account/Login] 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.

## **COVID-19 SAFETY MEASURES**

To promote public safety and protect students, faculty, and staff during the coronavirus pandemic, Texas A&M University-Central Texas has adopted policies and practices to minimize virus transmission. All members of the university community are expected to adhere to these measures to ensure their own safety and the safety of others. Students must observe the following practices while participating in face-to-face courses, course-related activities (office hours, help sessions, transitioning to and between classes, study spaces, academic services, etc.) and co-curricular programs:

- Self-monitoring—Students should follow CDC recommendations for self-monitoring. Students who have a fever or exhibit symptoms of COVID-19 should participate in class remotely and should not participate in face-to-face instruction. Students required to quarantine must participate in courses and course-related activities remotely and must not attend face-to-face course activities. Students should notify their instructors of the quarantine requirement. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities.
- Face Coverings— Face coverings must be worn inside of buildings and within 50 feet of building entrances on the A&M-Central Texas Campus. This includes lobbies, restrooms, hallways, elevators, classrooms, laboratories, conference rooms, break rooms, non-private office spaces, and other shared spaces. Face coverings are also required in outdoor spaces where physical distancing is not maintained. The university will evaluate exceptions to this requirement on a case by case basis. Students can request an exception through the Office of Access and Inclusion in Student Affairs.
  - o If a student refuses to wear a face covering, the instructor should ask the student to leave and join the class remotely. If the student does not leave the class, the faculty member should report that student to the Office of Student Conduct. Additionally, the faculty member may choose to teach that day's class remotely for all students.

- Physical Distancing—Physical distancing must be maintained between students, instructors, and others in the course and course-related activities.
- Classroom Ingress/Egress—Students must follow marked pathways for entering and exiting classrooms and other teaching spaces. Leave classrooms promptly after course activities have concluded. Do not congregate in hallways and maintain 6-foot physical distancing when waiting to enter classrooms and other instructional spaces.
- The university will notify students in the event that the COVID-19 situation necessitates changes to the course schedule or modality.

## **COURSE INFORMATION**

### **Course Overview and description**

This course will use the R/RStudio and Geogebra software to revisit and explain abstract mathematical concepts. The student will learn to use the R/RStudio package to mine, analyze, and visualize data. Students will also become proficient in using the Shiny package to build dashboards and web applications in R. Learn how to use “regular expressions” to describe search patterns.

Geogebra is dynamic software and can be used to explain abstract mathematical concepts via virtual manipulatives, sliders, etc. Students are required to have access to a computer/laptop and internet.

### **Course Objectives:**

#### **Student learning outcomes:**

#### **R**

**After completing this course, the students should be able to:**

- 1. Perform arithmetic in R.**
- 2. Assign variables in R**
- 3. Distinguish between datatypes in R**
- 4. Create and perform operations on matrices in R**
- 5. Understand what is a factor and how to use it**
- 6. Compare ordered factors**

**(Covered in Project 1 and Final)**

- 7. Create a dataframe**

8. Select elements from a dataframe
9. Sort a dataframe
10. Create and name a list
11. Select elements from a list
12. Add more elements to a list
13. Understand the data cleaning process
14. Understand the principles of tidy data
15. Be able to work with functions in tidyr
16. Prepare data for analysis
17. Find missing values
18. Create a plot in R
19. Create a piechart
20. Use a histogram to visualize data

**(Covered in Project 2 and Final)**

21. Plot correlation matrices
22. Adding lines, points, and text to plots
23. Understand in which instances it is necessary to scale data
24. Use color in plots
25. Use the ggplot package

**(Covered in Project 3 and Final)**

26. Use conditional statements, loops, and functions to power your own R scripts
27. Make R code more efficient and readable using the apply functions

**(Covered in Project 4 and Final)**

28. Use regular expressions to describe pattern searches.
29. Work with times and dates

**(Covered in Project 5 and Final)**

30. Build a static dashboard in R using the Shiny package.
31. Fill a dashboard with static content

**(Covered in Project 6 and Final)**

32. Add dynamic content to a Shiny Dashboard

**(Covered in Project 7 and Final)**

33. Customize the style of a Shiny Dashboard

**(Covered in Project 8 and Final)**

34. Use the Shiny package to explore a dataset

**(Covered in Project 9 and Final)**

- 35. Use the Shiny package to generate a customized plot**

**(Covered in Project 10 and Final)**

- 36. Use the Shiny package to create a wordcloud**

**(Covered in Project 11 and Final)**

- 37. Understanding relationships among variables.**
- 38. Exploring data with multiple variables**
- 39. describe relationships between two numerical quantities**
- 40. characterize relationships between numerical quantities graphically, in the form of summary statistics, and through simple linear regression models.**

**(Covered in Project 12 and Final)**

## **GeoGebra**

- 1. Understand how to visualize different functions in GeoGebra**
- 2. How to use sliders to explain parameters in functions**
- 3. Be able to import an image into GeoGebra**
- 4. Overlay graphs onto the image**
- 5. Explain symmetry with the trace function**

**(Covered in Project 1 and Final)**

- 6. Use spreadsheets in GeoGebra**
- 7. Find the mean, median, and standard deviation of a dataset.**
- 8. Create and interpret a scatterplot**
- 9. Create discrete and continuous probability distributions in GeoGebra**
- 10. Find the area under the density**

**(Covered in Project 2 and Final)**

- 11. Use GeoGebra to explain reflection and rotation of objects**
- 12. Use GeoGebra to explain Geometric concepts related to polygons**
- 13. Measure angles**
- 14. Calculate perimeter and area of polygons**
- 15. Use GeoGebra to create and explain properties of circles**
- 16. Calculate circumference and area of circles with GeoGebra**
- 17. Create a virtual manipulative to explain the Pythagorean theorem**

**(Covered in Project 3 and Final)**

**18. Create a virtual manipulative to explain rate of change and the limit definition**

**(Covered in Project 4 and Final)**

**19. Create a virtual manipulative to explain the definition of the integral in terms of Riemann sums.**

**(Covered in Project 5 and Final)**

**20. Use GeoGebra to illustrate the definition of:**

**A symmetric matrix**

**An idempotent matrix**

**The transpose of a matrix**

**Diagonal of a matrix**

**Upper triangular matrix**

**Lower triangular matrix**

**(Covered in Project 6 and Final)**

**21. Perform operations on matrices:**

**Addition and subtraction of matrices**

**Multiplication of a matrix**

**Find an inverse of a matrix**

**Find the rank of a matrix**

**Find the determinant of a matrix**

**Find the row Echelon form of a matrix**

**(Covered in Project 7 and Final)**

**22. Plotting points and vectors**

**23. Add and subtract vectors**

**24. Drawing vectors**

**25. Find the dot product of vectors**

**26. Find the cross product of vectors**

**(Covered in Project 8 and Final)**

**27. Draw conic sections**

**Ellips**

**Hyperbola**

**Parabola**

**Circles**

**(Covered in Project 9 and Final)**

**28. Use GeoGebra3D to draw 3D objects**

**29. Create the net of a 3D object**

**(Covered in Project 10 and Final)**

**30. Draw parametric curves.**

**31. Perform operations on parametric curves.**

**(Covered in Project 11 and Final)**

**32. Perform operations on Boolean variables and conditions**

**(Covered in Project 12 and Final)**

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

No text is required for this course. Students are required to sign up for a datacamp account at:

[www.datacamp.com](http://www.datacamp.com)

## **COURSE REQUIREMENTS**

The student will be responsible for 12 projects and a proctored final exam. We will use the Proctorio software for the online proctored final exam.

### **Grading Criteria Rubric and Conversion**

Project 1	(20 points)
Project 2	(30 points)
Project 3	(50 points)
Project 4	(50 points)
Project 5	(50 points).
Project 6	(50 points)
Project 7	(50 points)
Project 8	(50 points)
Project 9	(50 points)
Project 10	(100 points)
Project 11	(100 points)
Project 12	(100 points)



Final

(300 points)

**Posting of Grades**

Student will receive feedback within one week of the due date of the assignments on progress on Canvas.

NO LATE ASSIGNMENTS WILL BE ACCEPTED.

**COURSE OUTLINE AND CALENDAR**

**Complete Course Calendar**

**COURSE OUTLINE AND CALENDAR****Complete Course Calendar**

<b>Week 1</b>	<b>Aug 24<sup>th</sup></b> Synchronous meeting from 6pm-9pm  Cover syllabus and weekly schedule	<b>Aug 25<sup>th</sup></b>	<b>Aug 26<sup>th</sup></b>	<b>Aug 27<sup>th</sup></b>	
<b>Week 2</b>	<b>Aug 31<sup>st</sup></b> Project 1 due	<b>Sep 1<sup>st</sup></b>	<b>Sep 2<sup>nd</sup></b>	<b>Sep 3<sup>rd</sup></b>	
<b>Week 3</b>	<b>Sep 7<sup>th</sup></b> Labor Day No class	<b>Sep 8<sup>th</sup></b>	<b>Sep 9<sup>th</sup></b>	<b>Sep 10<sup>th</sup></b>	
<b>Week 4</b>	<b>Sep 14<sup>th</sup></b>  Project 2 due	<b>Sep 15<sup>th</sup></b>	<b>Sep 16<sup>th</sup></b>	<b>Sep 17<sup>th</sup></b>	
<b>Week 5</b>	<b>Sep 21<sup>st</sup></b>  Project 3 due	<b>Sep 22<sup>nd</sup></b>	<b>Sep 23<sup>rd</sup></b>	<b>Sep 24<sup>th</sup></b>	
<b>Week 6</b>	<b>Sep 28<sup>th</sup></b> Project 4 due	<b>Sep 29<sup>th</sup></b>	<b>Sep 30<sup>th</sup></b>	<b>Oct 1<sup>st</sup></b>	
<b>Week 7</b>	<b>Oct 5<sup>th</sup></b> Project 5 due	<b>Oct 6<sup>th</sup></b>	<b>Oct 7<sup>th</sup></b>	<b>Oct 8<sup>th</sup></b>	
<b>Week 8</b>	<b>Oct 12<sup>th</sup></b> Project 6 due	<b>Oct 13<sup>th</sup></b>	<b>Oct 14<sup>th</sup></b>	<b>Oct 15<sup>th</sup></b>	
<b>Week 9</b>	<b>Oct 19<sup>th</sup></b> Project 7 due	<b>Oct 20<sup>th</sup></b>	<b>Oct 21<sup>st</sup></b>	<b>Oct 22<sup>nd</sup></b>	

<b>Week 10</b>	<b>Oct 26<sup>th</sup></b> Project 8 due	<b>Oct 27<sup>th</sup></b>	<b>Oct 28<sup>th</sup></b>	<b>Oct 29<sup>th</sup></b>	
<b>Week 11</b>	<b>Nov 2<sup>nd</sup></b> Project 9 due	<b>Nov 3<sup>rd</sup></b>	<b>Nov 4<sup>th</sup></b>	<b>Nov 5<sup>th</sup></b>	
<b>Week 12</b>	<b>Nov 9<sup>th</sup></b> Project 10 due	<b>Nov 10<sup>th</sup></b>	<b>Nov 11<sup>th</sup></b> <b>Veterans Day</b>	<b>Nov 12<sup>th</sup></b> due	
<b>Week 13</b>	<b>Nov 16<sup>th</sup></b> Project 11 due	<b>Nov 17<sup>th</sup></b>	<b>Nov 18<sup>th</sup></b>	<b>Nov 20<sup>th</sup></b>	
<b>Week 14</b>	<b>Nov 23<sup>rd</sup></b>	<b>Nov 24<sup>th</sup></b>	<b>Nov 25<sup>th</sup></b>	<b>Nov 26<sup>th</sup></b> <b>Thanksgiving</b>	
<b>Week 15</b>	<b>Nov 30<sup>th</sup></b> Project 12 due	<b>Dec 1<sup>st</sup></b>	<b>Dec 2<sup>nd</sup></b>	<b>Dec 3<sup>rd</sup></b>	
<b>Week 16</b>	<b>Dec 7<sup>th</sup></b> Final exam	<b>Dec 8<sup>th</sup></b>	<b>Dec 9<sup>th</sup></b>	<b>Dec 10<sup>th</sup></b>	

### Important University Dates

<b>AUG</b> <b>18</b> TUE	Virtual Coffee Every Tuesday with the Blue Coats 📅 18 Aug @ 10:00 am   📍 Coffee with the Blue Coats GoToMeeting	♡ 🔄 +
	Streaming with Campus Rec 📅 18 Aug @ 02:00 pm   📍 Link will be posted on TAMUCT-Campus Recreation Facebook	♡ 🔄 +
	Streaming with Campus Rec 📅 18 Aug @ 07:00 pm   📍 Link will be posted on TAMUCT-Campus Recreation Facebook	♡ 🔄 +
<b>AUG</b> <b>19</b> WED	Socially Distanced Yoga 📅 19 Aug @ 01:00 pm   📍 Campus Rec Youtube Channel	♡ 🔄 +
	Animal Crossing Meetup with Campus Rec 📅 19 Aug @ 03:00 pm   📍 Link will be posted on TAMUCT-Campus Recreation Facebook	♡ 🔄 +
	Campus Rec - Run with me! 📅 19 Aug @ 08:00 pm   📍 Campus Rec Facebook	♡ 🔄 +
<b>AUG</b> <b>20</b> THU	Netflix Party 📅 20 Aug @ 02:00 pm   📍 Link will be posted on TAMUCT-Campus Recreation Facebook	♡ 🔄 +
<b>AUG</b> <b>21</b> FRI	Smash Bros Tournament with Campus Rec 📅 21 Aug @ 02:00 pm   📍 Link will be posted on TAMUCT-Campus Recreation Facebook	♡ 🔄 +
	Nature Walks with Campus Rec 📅 21 Aug @ 03:00 pm   📍 Campus Rec Instagram Page	♡ 🔄 +
	Virtual Friday Night Magic 📅 21 Aug @ 04:00 pm   📍 Campus Rec Facebook	♡ 🔄 +
<b>AUG</b> <b>25</b> TUE	Virtual Coffee Every Tuesday with the Blue Coats 📅 25 Aug @ 10:00 am   📍 Coffee with the Blue Coats GoToMeeting	♡ 🔄 +
<b>DEC</b> <b>4</b> FRI	Festival of Trees Enchanted Christmas 2020 📅 04 Dec @ 07:00 pm   📍 Killeen Civic & Conference Center	♡ 🔄 +

## 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.

The projects will be on the use of the R/RStudio and GeoGebra software.

ALL synchronous meetings and office hours will be held on webex. Please click on this link to access my office hours or synchronous meetings:

<https://tamuct.webex.com/join/dekock>

## 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. This course requires identity verification and 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](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 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. 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, working with others in an unauthorized manner, 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 referred 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://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/index.html) [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](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. Tutors will return at the Tutoring Center in Warrior Hall, Suite 111 in the Fall 2020. 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](mailto: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**

The University Writing Center (UWC) at Texas A&M University–Central Texas (TAMUCT) is a free service open to all TAMUCT students. For the Fall 2020 semester, all services will be online as a result of the COVID-19 pandemic. The hours of operation are from 10:00 a.m.-5:00 p.m. Monday thru Thursday with satellite hours online Monday thru Thursday from 6:00-9:00 p.m. The UWC is also offering 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.

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. While tutors will not write, edit, or grade papers, they will assist students in developing more effective composing practices. 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 [WOnline](https://tamuct.mywconline.com/) [https://tamuct.mywconline.com/]. 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].

**For Fall 2020, all reference service will be conducted virtually. Please go to our [Library website](http://tamuct.libguides.com/index) [http://tamuct.libguides.com/index] to access our virtual reference help and our current hours.**

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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/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](https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2) online [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout\_id=2].

Anonymous referrals are accepted. Please see the [Behavioral Intervention Team](https://www.tamuct.edu/student-affairs/bat.html) website for more information [https://www.tamuct.edu/student-affairs/bat.html]. 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.

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## **OTHER POLICIES**

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