

MATH 5380-110, CRN 80758, Selected Topics in Mathematics: Projects in Data Science

Class 6:00 pm - 8:45 pm M Founder's Hall 212

Fall 2018 rev. 08.01.2018
Texas A&M University-Central Texas

INSTRUCTOR AND CONTACT INFORMATION

Instructor: Dr. Mienie Roberts

Office: WH 420M

Phone: 903.705.9703

Email: Please use the CANVAS inbox for all correspondence related to the course. My university email address is: dekokk@tamuct.edu

Office Hours:

Face-to-face in Room WH 420M:
Mondays: 12pm-2pm, Wednesdays 12pm-2pm

Online:
Webex (Let me know if I need to send a link to your email):

Skype:
mienie123

Google Hangouts:
mienie.dekokk@gmail.com

Time:
Mondays: 12pm-2pm, Wednesdays 12pm-2pm

Or by appointment.

Mode of instruction and course access:

This is a blended course. Most classes will be online, but some will be face-to-face as scheduled in the weekly schedule.

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

Student-instructor interaction:

The instructor will check her emails on a daily basis. Feedback will be given within 24 hours. Office hours will be held over Webex and students are encouraged to click on the link that will be sent out over Canvas announcements.

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:

The class consists of individual projects. Students are expected to present on progress made in projects on a monthly basis, with a final presentation and completed project at the end of the semester. Students are expected to use R, Schoology, and Canvas.

Required Reading and Textbook(s):

No textbook required for the class.

COURSE REQUIREMENTS

4 Presentations and a completed project.

Grading Criteria Rubric and Conversion

Presentation 1	(100 points)	10%
Presentation 2	(100 points)	10%
Presentation 3	(100 points)	10%
Presentation 4	(100 points).	10%
Project	(600 points).	60%
Total	(1000 points)	100%

Posting of Grades

Grades will be available on CANVAS.

COURSE OUTLINE AND CALENDAR

Complete Course Calendar

	Monday	Tuesday	Wednesday	Thursday
Week 1	Aug 27 Face-to-face meeting	Aug 28	Aug 29	Aug 30
Week 2	Sep 3 Labor day No class	Sep 4	Sep 5	Sep 6
Week 3	Sep 10 Online meeting	Sep 11	Sep 12	Sep 13
Week 4	Sep 17 Presentation 1	Sep 18	Sep 19	Sep 20
Week 5	Sep 24	Sep 25	Sep 26	Sep 27

	Online meeting			
Week 6	Oct 1 Online meeting	Oct 2	Oct 3	Oct 4
Week 7	Oct 8 Online meeting	Oct 9	Oct 10	Oct 11
Week 8	Oct 15 Presentation 2	Oct 16	Oct 17	Oct 18
Week 9	Oct 22 Online class	Oct 23	Oct 24	Oct 25
Week 10	Oct 29 Online class	Oct 30	Oct 31	Nov 1
Week 11	Nov 5 Online class	Nov 6	Nov 7	Nov 8
Week 12	Nov 12 Presentation 3	Nov 13	Nov 14	Nov 15
Week 13	Nov 19 Online class	Nov 20	Nov 21	Nov 22
Week 14	Nov 26 Thanksgiving No class	Nov 27	Nov 28	Nov 29
Week 15	Dec 3	Dec 4	Dec 5	Dec 6

	Online class			
Week 16	Dec 10 Final Presentation Project due	Dec 11	Dec 12	Dec 13

Important University Dates:

FALL 2018

October 25, 2017 Fall Semester Admissions Application Opens

March 15, 2018 Priority Deadline for Federal Application for Financial Aid (FAFSA)

March 19, 2018 Advising Begins for Fall and Summer Semesters

March 19, 2018 Class Schedule Published For Fall Semester

April 2, 2018 Registration Opens for Fall Semester

June 28, 2018 Priority Deadline for International Student Admissions Applications

July 16, 2018 Priority Deadline for VA Certification Request

July 20, 2018 Deadline for Scholarship Applications for the Fall Semester

August 11, 2018 10am Commencement at Bell County Expo Center

August 13, 2018 Classes Begin for Minimester

August 13, 2018 Priority Deadline for Admissions Applications

August 24, 2018 Classes End for Minimester

August 24, 2018	Deadline for Tuition and Fee Payments (16- & First 8-Week Classes)
August 27, 2018	Add, Drop, and Late Registration Begins for 16- and First 8-Week Classes. \$25 fee assessed for late registrants.
August 27, 2018	Classes Begin for Fall Semester
August 29, 2018	Deadline for Add, Drop, and Late Registration for 16- and First 8-Week Classes
September 3, 2018	Labor Day
September 4, 2018	Deadline to Drop First 8-Week Classes with No Record
September 12, 2018	Deadline to drop 16-Week Classes with No Record
October 1, 2018	Deadline for Teacher Education and Professional Certification Applications (i.e. Principal, Reading Specialist, etc.)
October 5, 2018	Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)
October 5, 2018	Deadline for Graduation Application for Ceremony Participation
October 5, 2018	Student End of Course Survey Opens (First 8-Week Classes)
October 12, 2018	Deadline for Fall Admissions Applications
October 15, 2018	Deadline for Clinical Teaching Applications

October 19, 2018	Classes End for First 8-Week Session
October 19, 2018	Deadline for Tuition and Fee Payments (Second 8-Week Classes)
October 19, 2018	Deadline to Withdraw from University for First 8-Week Classes (WF)
October 22, 2018	Add, Drop, and Late Registration Begins for Second 8-Week Classes. \$25 fee assessed for late registrants
October 22, 2018	Classes Begin for Second 8-Week Session
October 22, 2018	Student End of Course Survey Closes (First 8-Week Classes)
October 23, 2018	Deadline for Faculty Submission of First 8-Week Class Final Grades (due by 3pm)
October 24, 2018	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
October 29, 2018	Deadline to Drop Second 8-Week Classes with No Record
November 1, 2018	Deadline for GRE/GMAT Scores to Office of Graduate Studies
November 9, 2018	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
November 12, 2018	Veterans Day (Observed) - No Class
November 16, 2018	Deadline for Final Committee-Edited Theses with Committee Approval Signatures to Office of Graduate Studies for Fall Semester

November 22, 2018	Thanksgiving
November 23, 2018	Thanksgiving
November 30, 2018	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
December 1, 2018	Student End of Course Survey Opens (16- and Second 8-Week Classes)
December 14, 2018	Commencement Ceremony Bell County Expo Center 7:00 p.m.
December 14, 2018	Deadline for Applications for \$1,000 Tuition Rebate for Fall Graduation (5pm)
December 14, 2018	Deadline for Fall Degree Conferral Applications to the Registrar's Office. \$20 Late Application Fee.
December 14, 2018	Deadline to Withdraw from University for 16- and Second 8-Week Classes
December 14, 2018	Fall Semester Ends
December 17, 2018	Student End of Course Survey Closes (16- and Second 8-Week Classes)
December 18, 2018	Deadline for Faculty Submission of 16-Week and Second 8-Week Final Class Grades (due by 3pm)
December 18, 2018	Deadline for Theses to Clear Thesis Office for Fall Semester
December 24, 2018	Winter Break

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.

The course will also use mymathlab:

Purchase an access code to mymathlab at:

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].

OPTIONAL POLICY STATEMENTS:

A Note about Sexual Violence at A&M-Central Texas

Sexual violence is a serious safety, social justice, and public health issue. The university offers support for anyone struggling with these issues. University faculty are mandated reporters, so if someone discloses that they were sexually assaulted (or a victim of Domestic/Dating Violence or Stalking) while a student at TAMUCT, faculty members are required to inform the Title IX Office. If you want to discuss any of these issues confidentially, you can do so through Student Counseling (254-501-5955) located on the second floor of Warrior Hall (207L).

Sexual violence can occur on our campus because predators often feel emboldened, and victims often feel silenced or shamed. It is incumbent on ALL of us to find ways to actively create environments that tell predators we don't agree with their behaviors and tell survivors we will support them. Your actions matter. Don't be a bystander; be an agent of change. For additional information on campus policy and resources visit the [Title IX webpage](https://www.tamuct.edu/departments/compliance/titleix.php) [https://www.tamuct.edu/departments/compliance/titleix.php].

INSTRUCTOR POLICIES.

The deadlines are clearly outlined in the weekly schedule. Please complete assignments on time. No extensions will be granted.

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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