

Department of Social Sciences
Fall 2019
CJ Statistics
CRIJ 4315-110, 80417
Founder's Hall 207
Mondays/Wednesdays 4:00-5:15p

Professor: Liana R. Taylor, Ph.D.

Office: Heritage Hall 204E

Email: liana.taylor@tamuct.edu (Canvas inbox is preferred)

Office Phone Number: 254-519-5436

Office Hours: Wednesdays: 11:00-2:00p

“Behind every uncomfortable syllabus clause lies an even more uncomfortable teaching experience.” – @AcademicSay (April 22, 2016)

ACADEMIC ACCOMODATIONS

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 Canvas page (log-in required) [<https://tamuct.instructure.com/courses/717>]

STATEMENT OF ACADEMIC FREEDOM

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has adopted a policy on the Disruption of University Activities (Policy # 4.08), which can be accessed in the Student Handbook through the following link:

<https://www.tamuct.edu/departments/studentconduct/index.php>

***** Disclaimer: Syllabus may be revised later if needed *****

COURSE GOALS AND METHODS

This class is an introduction to the magical world of statistical concepts and techniques that can assist one in evaluating research findings and conducting research. Techniques include measures of central tendency, variability, and significance, and

hypothesis testing using t-tests and ANOVA. Students will learn how to manipulate, analyze, and interpret data using SPSS.

At the end of the course, students will be able to:

- 1) Understand the prevalence of and need for statistics
- 2) Understand how statistical analysis can be used to objectively investigate practical issues in criminal justice
- 3) Learn how to use statistical software to analyze data
- 4) Understand the fundamentals of data entry and processing
- 5) Know how to calculate and interpret descriptive statistics
- 6) Understand the logic behind samples, probability, and hypothesis testing
- 7) Understand how to conduct hypothesis testing using statistical analyses

REQUIRED TEXT

Gau, J. M. (2016). *Statistics for criminology and criminal justice*. Thousand Oaks, CA: Sage Publications. ISBN: 9781483378459

Additional readings may be provided on Canvas.

COURSE POLICIES

Distractions

Use of electronics is prohibited in the classroom* (cell phones, laptops, tablets, palm pilots, Gameboys, TI-86 calculators, turntables, etc.). All cell phones must be turned off or silenced when entering the class. Do not put your cell phone on vibrate, as this can also be distracting. Headphones must be removed prior to entry into the classroom. Students may use the computers provided in the computer lab during class. **I reserve the right to impose a point(s) deduction from the lab, in-class activity, and/or exam that day if I see any use of unapproved electronics during class. If there is no lab, in-class activity, or exam that day, the penalty will be imposed on the following class day.**

If you can't make it through class without using your phone then you might want to check out this article: <http://www.webmd.com/balance/guide/addicted-your-smartphone-what-to-do>

* Students who provide documentation from The Office of Access & Inclusion may use a recorder.

Respect

Statistics can be a difficult subject to learn and everyone learns at a different pace.

Students are encouraged to ask questions in class, and are expected to listen to the professor and to one another respectfully. **I reserve the right to impose a point(s) deduction from the lab, in-class activity, and/or exam that day if I see what I discern to be a display(s) of disrespect during class. If there is no lab, in-class activity, or exam that day, the penalty will be imposed on the following class day.**

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.

For more information regarding the Student Conduct process,
[<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].

Violations in academic integrity will result in score of zero on the assignment for which it is suspected. Any suspected violations of academic integrity will be reported to TAMUCT's Office of Student Conduct:

<https://www.tamuct.edu/student-affairs/student-conduct.html>

TECHNOLOGY REQUIREMENT AND SUPPORT

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/>] 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.

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>]

Please let the support technician know you are an A&M-Central Texas student.

COURSE COMMUNICATION

Course announcements will be posted to the Announcements page on Canvas.

I will send correspondence to your Canvas Inbox. Make sure you have access to and regularly check it. I recommend you adjust your Canvas Settings so you receive a notification when I post an announcement, you receive a course message, etc.

OMG, emails should be professional LMBO. When u send a msg, dont write n text talk!! Proofread ur email b4 u send it n dont use emojis :) Include a subject line, a formal salutation, your name and the course you're in, the reason for your email, a formal sign-off with your name, and address me as Professor or Dr. For more information, please go to Modules/Additional Resources/General Resources/How to Email Your Professor.

Do not send emails about things stated in the syllabus/guidelines or where things are located on Canvas *unless* you are requesting clarification or additional information.

STUDENT-PROFESSOR INTERACTION

Students may speak with me after class ends (provided time availability), via email, during office hours, or by appointment. I will answer (most) messages within 72 hours. Students who would like to speak to me via phone must make an appointment. For appointments (in person and by phone), the student and I must confirm the date and time via email.

ATTENDANCE AND PARTICIPATION POLICIES

Attendance will not count towards your grade. However, it is in your best interest to attend every class in order to earn points on the exams, labs, and class assignments. **All material covered in class and/or the readings are fair game for the exams.** Therefore, if you do not attend regularly your grade is likely to suffer. Participation is encouraged as it will also aid in understanding in the material, which can ultimately improve your grade. If you have a question, I strongly suggest you speak up in class or see me during my office hours (or make an appointment).

ASSIGNMENTS AND EXAMS

Reading Assignments

The reading assignments are taken from the required textbook. It is important to have the textbook when class begins so you can keep up with the assigned readings. I recommend you purchase the book as soon as possible so you are adequately prepared for class. Reading assignments should be completed by the date listed on the Class Schedule. I also suggest you review the chapters after class, as well.

Labs

Lab assignments afford students with the opportunity to become familiarized with statistical software and apply the concepts and methods of analyses to criminal justice datasets. Labs entail in-class work using SPSS, which is the statistical software used for analysis. Students will not be required to purchase SPSS to complete the assignments.

There will be no make-up labs and labs cannot be taken early. However, if a student has to miss a lab due to work or military obligations, he or she may be allowed to complete a make-up assignment worth 20 points within one week of the lab date. If you do not complete the assignment within one week you will receive a zero. In order to be allowed to complete the make-up assignment, the student must provide me with official documentation in advance showing the date(s) of the scheduling conflict.

Labs will be graded on the following:

Lab Elements	Approximate percentage of lab
Syntax – Correct code	15%
Output – Correct analysis	15%
Word Document – Correct interpretation and write-up of results	70%

* Specific number of points will vary by the assignment

Advanced notice is not required for medical emergencies; however, you must provide written documentation (on official paper with the date(s)) within one week from the lab date. You will also have one week from the lab date to complete the make-up assignment. If you do not complete the make-up assignment within one week you will receive a zero.

Students who come to class 5-10 minutes late will receive a 5- point deduction in their lab grade. Students who come to class more than 10 minutes late will not be able to take the lab or complete a make-up assignment. They will receive a 0 on the lab assignment.

In-Class Activities

In-class activities are designed to help you apply the concepts you learn in the reading and in class. You may work in groups to complete the assignment, but each student must submit their own assignment. You will need to turn in the assignment during class to receive credit. **Late in-class activities will not be accepted.**

If you need to miss a class, you can make-up the in-class activity within one week from the missed class session.¹ If you do not make up the in-class activity within one week, you will receive a zero. **In order to make-up an in-class activity, you must provide me with advanced written notice that you will miss the class.** I will not accept notification provided to me via another student. Students who contact me during class cannot make up the in-class activity.

Those who receive approval to make-up the assignment must come during my office hours or make an appointment to make up the assignment. You may not take a make-up assignment home or complete it outside of the office. Make-up assignments cannot be completed as group assignments. Make-up assignments will not be sent via email. Students are not allowed to complete an in-class activity early.

¹ Clarification on one week: Make-up assignments/exams must be completed before the next week's class session, i.e. if you miss class on Monday, September 30, you have until Monday, October 7, at 3:59p to complete it. Similarly, if you miss class on Wednesday, October 2, you have until Wednesday, October 9 at 3:59p to complete it.

Advanced notice is not required for medical emergencies; however, you must provide written documentation (on official paper with the date(s)) within one week from the class date. You will also have one week from the class date to complete the in-class activity. If you do not complete the assignment within one week, you will receive a zero.

I reserve the right to prohibit students who arrive more than 5 minutes late to class from completing the in-class activity that day or to give them a late penalty.

Exams

There will be three exams covering the reading assignments, lab work, class activities, and classroom discussions. The Learning Objectives posted each week will aid students in studying for the exams.

If you have to miss an exam due to an employment or military obligation, you must provide me with official documentation showing the date(s) of the scheduling conflict by the end of the previous class session. When you provide the documentation, make sure you clearly state that you want to make up the exam. I will not accept notification provided to me via another student. You will have one week from the exam session to make up the exam.² If you do not make up the exam within one week from the exam session, you will receive a zero. Exams must be taken early if the make-up will occur more than a week after the exam date.

Students who arrive 5 - 10 minutes late to the exam will receive a 5-point deduction in their grade. Students who arrive more than 10 minutes late will not be able to take the exam and will receive a zero.

Note: Early/make-up exams will be in the format of true/false, fill in the blank and short answer. Early/make-up exams must be arranged with the Testing Center (<https://www.tamuct.edu/departments/testing-center/>). If an appointment cannot be made with the Testing Center, you must make an appointment to take it during my office hours.

Advanced notice is not required for medical emergencies; however, you must provide written documentation (on official paper with the date(s)) within one week from the exam date. You will also have one week from the exam date to complete the make-up exam. Arrangements to make up the exam must be made through the TAMUCT Testing Center (<https://www.tamuct.edu/departments/testing-center/>). If an appointment cannot be made with the Testing Center, you must make an

² Clarification on the previous class session: if the exam is on Monday, October 28, you must provide official documentation to me by the end of class on Wednesday, October 23. Likewise, if the exam is on Wednesday, September 25, you must provide official documentation to me by the end of class on Monday, September 23.

appointment to take it during my office hours.

If you cannot attend class on December 11 due to a work or military obligation, you must provide advanced, written, official documentation with the date(s) of conflict. You will have until December 13 at 5:00p to *complete* the final exam. If you cannot make up the exam by December 13, then you must take it early.

GRADING

Grades will be posted on Canvas within approximately one week. Students will be notified if it will take longer to post the grades.

Your final grade will be weighted. Guidance on how to calculate your weighted grade may be found on Canvas/Modules/Additional Resources/General Resources.

	Number of points	Weight of Category
In-Class Assignments	~15 points (~180 total)	20%
Labs	20 points/each (120 total points)	15%
Exam 1	100 points	20%
Exam 2	100 total points	20%
Exam 3	100 points	25%
	Total: 600 points	

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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COURSE SCHEDULE

Week	Date	Topic	Reading Due
Week 1	08/26	Introduction to Statistics	
	08/28	Organizing data	Chs. 1-3
Week 2	09/02	Labor Day	
	09/04	Measures of Central Tendency	Ch. 4
Week 3	09/09	No Class	
	09/11		
Week 4	09/16	Lab 1	
	09/18	Measures of Variability	Ch. 5
Week 5	09/23	Lab 2	
	09/25	<i>Exam 1 (Introduction – Variability)</i>	
Week 6	09/30	The Normal Curve	Ch. 6
	10/02	Z-Scores	
Week 7	10/07	Normal Curve and Z-Scores Review	
	10/09	Samples & Populations	Ch. 7
Week 8	10/14	Samples & Populations	
	10/16	Samples & Populations	
Week 9	10/21	Estimation Procedures	Ch. 8
	10/23	Estimation Procedures	
Week 10	10/28	<i>Exam 2 (Normal Curve – Estimation Procedures)</i>	
	10/30	Hypothesis Testing	Ch. 9
Week 11	11/04	Hypothesis Testing	

	11/06	T-Tests	Ch. 11
Week 12	11/11	Veterans Day - No Class	
	11/13	T-Tests	
Week 13	11/18	Lab 3	
	11/20	Analysis of Variance	Ch. 12
Week 14	11/25	Analysis of Variance	
	11/27	Turkey Time - No Class	
Week 15	12/02	Analysis of Variance	
	12/04	Lab 4	
Week 16	12/09	Study Day	
	12/11	<i>Exam 3 (Hypothesis Testing -ANOVA)</i>	

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>] 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.

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].

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.

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. Tutor.com tutoring will not offer writing support beginning August 1, 2019, but will continue to offer other tutoring support.

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 deadra.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 online tutoring support at no additional cost. This tool provides tutoring in over 40 subject areas. Access Tutor.com through Canvas.

THE 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.

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 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/>]. In addition, you can email Dr. Bruce Bowles Jr. at 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>].

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>]. Students may also contact the institution's Title IX Coordinator. 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 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.

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>].

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, who are exhibiting behaviors that pose a threat to safety, or individuals causing a significant disruption to our community, please make a referral to the Behavioral Intervention Team. 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/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.

IMPORTANT UNIVERSITY DATES

Date	Description
August 12, 2019	Classes Begin for Minimester
August 23, 2019	Classes End for Minimester
August 26, 2019	Classes Begin for Fall Semester
August 26, 2019	Add, Drop, and Late Registration Begins for 16- and First 8-week Classes \$25 Fee assessed for late registrants
August 28, 2019	Deadline for Add, Drop, and Late Registration for 16- and First 8-week
September 2, 2019	Labor Day (University Closed)
September 3, 2019	Deadline to Drop First 8-week Classes with No Record
September 11, 2019	Deadline to drop 16-week Classes with No Record
October 1, 2019	Deadline for Teacher Education and Professional Certification Applications
October 4, 2019	Deadline to Drop First 8-week Classes with a Quit (Q) or Withdraw (W)
October 15, 2019	Deadline for Clinical Teaching/Practicum Applications
October 18, 2018	Classes End for First 8-week Session
October 18, 2019	Deadline to Withdraw from University for First 8-Week Classes (WF)
October 21, 2019	Add, Drop, and Late Registration Begins for Second 8-Week Classes \$25 Fee assessed for late registrants

October 21, 2019	Classes Begin for Second 8-Week Session
October 21, 2019	Class Schedule Published for Spring Semester
October 22, 2019	Deadline for Faculty Submission of First 8-Week Class Final Grades (due by 3pm)
October 23, 2019	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
October 25, 2019	Deadline for Graduation Application for Ceremony Participation
October 28, 2019	Deadline to Drop Second 8-Week Classes with No Record
November 4, 2019	Registration Opens for Spring Semester
November 8, 2019	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
November 11, 2019	Veteran's Day (University Closed)
November 28-29, 2019	Thanksgiving (University Closed)
November 29, 2019	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
December 13, 2019	Deadline for Applications for Tuition Rebate for Fall Graduation (5pm)
December 13, 2019	Deadline for Degree Conferral Applications to the Registrar's Office \$20 Late Application Fee
December 13, 2019	Deadline to Withdraw from University for 16- and Second 8-Week Classes
December 13, 2019	Fall Semester Ends
December 13, 2019	Fall Commencement Ceremony
December 17, 2019	Deadline for Faculty Submission of 16-Week and Second 8-Week Final Class Grades (due by 3pm)