

Department of Social Sciences
Spring 2020
CJ Statistics
CRIJ 4315-110, 10396

Online

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“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 # 10.4.13), which can be accessed in the Student Code of Conduct through the following link:

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

***** 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. The

techniques will 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. (2018). *Statistics for criminology and criminal justice* (3rd ed.). Thousand Oaks, CA: Sage Publications. ISBN: 9781506391786

Additional readings may be provided on Canvas.

COURSE POLICIES

Respect

This course will be fully online **now** and you are encouraged to participate. All students learn in a variety of ways and at varying paces. I expect everyone to treat one another with respect and help cultivate an environment in which everyone feels free to ask and answer questions respectfully.

Netiquette

All students must abide by the following core rules of netiquette (excerpted from Shea, 1994¹) for the duration of the course on discussion boards and email.

Rule 1: Remember the human - Do unto others as you'd have others do unto you. Imagine how you'd feel if you were in the other person's shoes. Stand up for yourself, but try not to hurt people's feelings.

Rule 2: Adhere to the same standards of behavior online - Standards of behavior may be different in some areas of cyberspace, but they are not lower than in real

¹ Shea, V. (1994). Core Rules of Netiquette. In *Netiquette*, (pp. 32-46). Vancouver: Albion Books.

life.

Rule 3: Know where you are in cyberspace - When you enter a domain of cyberspace that's new to you, take a look around. Spend a while listening to the chat or reading the archives. Get a sense of how the people who are already there act. Then go ahead and participate.

Rule 4: Respect other people's time and bandwidth - ...don't expect instant responses to all your questions, and don't assume that all readers will agree with -- or care about -- your passionate arguments.

Rule 5: Make yourself look good online - As in the world at large, most people who communicate online just want to be liked. Networks -- particularly discussion groups -- let you reach out to people you'd otherwise never meet. And none of them can see you. You won't be judged by the color of your skin, eyes, or hair, your weight, your age, or your clothing.

Rule 6: Share expert knowledge - Don't be afraid to share what you know.

Rule 7: Help keep flame wars under control - ...Netiquette does forbid the perpetuation of flame wars -- series of angry letters, most of them from two or three people directed toward each other, that can dominate the tone and destroy the camaraderie of a discussion group. It's unfair to the other members of the group.

Rule 8: Respect other people's privacy

Rule 9: Don't abuse your power - Some people in cyberspace have more power than others...Knowing more than others, or having more power than they do, does not give you the right to take advantage of them.

Rule 10: Be forgiving of other people's mistakes - ... when someone makes a mistake -- whether it's a spelling error or a spelling flame, a stupid question or an unnecessarily long answer -- be kind about it. If it's a minor error, you may not need to say anything. Even if you feel strongly about it, think twice before reacting. Having good manners yourself doesn't give you license to correct everyone else. If you do decide to inform someone of a mistake, point it out politely, and preferably by private email rather than in public. Give people the benefit of the doubt; assume they just don't know any better. And never be arrogant or self-righteous about it. Just as it's a law of nature that spelling flames always contain spelling errors, notes pointing out Netiquette violations

are often examples of poor Netiquette.

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].

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 also 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. *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.

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 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.

PARTICIPATION POLICIES

Participation will not count towards your grade. However, it is in your best interest to regularly check Canvas and complete all the assignments. If you do not

your grade is likely to suffer. Participation will aid in understanding in the material, which can ultimately improve your grade. If you have a question, I strongly suggest you email me 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.

Lab Assignments

Because we will no longer meet face-to-face, we will not have any more lab assignments. Your lab grade in the class will be what you earned for Labs 1-3. However, I will post the lab powerpoints to Canvas for your information and for anyone who wants to practice. If anyone wants to practice the lab, feel free to send it to me for feedback.

In-Class Activities

The in-class activities will now be online through Canvas. In-class activities are designed to help students apply the concepts they learn in the reading and in class. You still may work in groups to complete the assignment, but each student must submit their own assignment ~~during class~~ to receive credit. The in-class activities will have a flexible due date. I will post them each Monday at 12:00a, and I recommend you submit them by Sunday at 11:59p. However, if you need more time, I will allow you to submit it later without a late penalty. It is in your best interest to submit it by the Sunday due date, as this will allow more time for me to grade it and provide you feedback you can use to study. The latest I will accept the online ICAs is May 8 at 5:00p. I will not start grading the submissions until after their due date.

Exams

There will be two exams covering the course content. The Learning Objectives posted each week will aid students in studying for the exams.

Exam 2 will cover estimation procedures through ANOVA. This exam will be online from May 1 through May 8. The exam will have the same format as Exam 1 (multiple choice, fill in the blank, and short answer). I will send an announcement stating how long you will have to complete it.

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)	30%
Labs	20 points/each (120 total points)	20%
Exam 1	100 points	20%
Exam 2	100 points	30%
	Total: 600 points	

EXTRA CREDIT

Write a one- to two- page reaction essay on one city covered in the documentary, *The Prison in Twelve Landscapes*. Your reaction essay must include specific references to the documentary. This submission is worth up to 5 points and must be submitted as Word document (.doc or .docx). You may turn in two essays (each essay covering a different city), for a total of 10 extra credit points. **Essays submitted in a previous/different class will not be accepted. If plagiarism is detected, you will not receive points and I will report you to the Office of Student Conduct.**

Formatting includes: Double-spaced, left aligned paragraph format (do not include bullet points or numbered lists), 12-point font, Times New Roman, 1" margins, 0.5" first line indentation, and black font. Your first paragraph should start on the first line of the essay (no title, headers, etc.). Also include a cover page with just your name, the date, and title of your essay. Failure to follow the formatting guidelines will result in a 2-point penalty.

Off-topic submissions will not be graded. Extra credit submissions will be accepted no later than Friday, May 8 at 5:00p.

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	01/13	Introduction to Statistics	
	01/15	Organizing data	Chs. 1-3
Week 2	01/20	<i>MLK Day</i>	
	01/22	Lab 1	
Week 3	01/27	Measures of Central Tendency	Ch. 4
	01/29	Lab 2	
Week 4	02/03	Measures of Variability	Ch. 5
	02/05	Lab 3	
Week 5	02/10	<i>Exam 1 (Introduction – Variability)</i>	
	02/12	The Normal Curve	Ch. 6
Week 6	02/17	The Normal Curve	
	02/19	Z-Scores	
Week 7	02/24	Normal Curve and Z-Scores Review	
	02/26	Samples & Populations	Ch. 7
Week 8	03/02	Samples & Populations	
	03/04	Samples & Populations	
Week 9	03/09-03/13	<i>Spring Break</i>	
Week 10	03/16-03/20	Classes Canceled	
Week 11	03/23-03/29	Semester Review Estimation Procedures	Ch. 8 ICA 9

Week 12	03/30 – 04/05	Hypothesis Testing	Ch. 9 ICA 10
Week 13	04/06 – 04/12	Hypothesis Testing Review T-Tests	Ch. 11 ICA 11
Week 14	04/13 – 04/19	T-Tests	ICA 12
Week 15	04/20-04/26	Analysis of Variance	Ch. 12 ICA 13
Week 16	04/27-05/03	Analysis of Variance	ICA 14
Week 17	05/04-05/08	<i>Exam 2 (Estimation Procedures –ANOVA)</i> <i>Due 05/08 at 5:00p</i>	

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.

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) 501-5836, visit the Office of Student Success at 212F Warrior Hall, or by emailing studentsuccess@tamuct.edu.

Chat live with a tutor 24/7 for almost any subject from on your computer! Tutor.com is an online tutoring platform that enables A&M-Central Texas students to log in and receive online tutoring support at no additional cost. This tool provides tutoring in

over 40 subject areas. 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 [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 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].

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.

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].

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 concerning behaviors, or individuals causing a significant disruption to our community, please make a referral to the Behavioral Intervention Team. Referring your concern shows you care. You can complete the [referral](#) online

[https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2].

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

January 13, 2020	Add, Drop and Late Registration Begins for 16- and First 8-Week Classes \$25 Fee assessed for late registrants
January 13, 2020	Classes Begin for Spring Semester
January 15, 2020	Deadline for Add, Drop, and Late Registration for 16- and First 8-Week Classes
January 20, 2020	Martin Luther King, Jr Day (University Closed)
January 21, 2020	Deadline to Drop First 8-Week Classes with No Record
January 29, 2020	Deadline to Drop 16-Week Classes with No Record
February 21, 2020	Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)
March 1, 2020	Deadline for Teacher Education and Professional Certification Applications
March 6, 2020	Classes end for 1st 8-Weeks

March 9-12, 2020	Spring Break (No Classes - Administrative Offices Open)
March 13, 2020	Spring Break (University Closed)
March 10, 2020	Deadline for Faculty Submission of First 8-Week Final Class Grades (due by 3pm)
March 15, 2020	Deadline for Clinical Teaching/Practicum Applications
March 16, 2020	Add, Drop, and Late Registration Begins for Second 8-Week Classes \$25 Fee assessed for late registrants
March 16, 2020	Classes Begin for Second 8-Week Session
March 16, 2020	Class Schedule Published for Summer Semester
March 18, 2020	Deadline for Add, Drop, and Late Registration for Second 8-Week Classes
March 23, 2020	Deadline to Drop Second 8-Week Classes with No Record
March 27, 2020	Deadline for Graduation Application for Ceremony Participation
March 30, 2020	Registration Opens for Seniors, Post-Bacc, and Graduate Students for Summer Semester
April 3, 2020	Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)
April 6, 2020	Registration opens for all students for the Summer and Fall Semesters
April 24, 2020	Deadline to Drop Second 8-Week Classes with a Quit (Q) or Withdraw (W)
May 8, 2020	Deadline for Applications for Tuition Rebate for Spring Graduation (5pm)
May 8, 2020	Deadline for Degree Conferral Applications to the Registrar's Office. \$20 Late Application Fee.

May 8, 2020	Deadline to Withdraw from the University for 16- and Second 8-Week Classes
May 8, 2020	Spring Semester Ends
May 9, 2020	Spring Commencement Ceremony