

PSY 2321

Research Methods & Statistical Analysis

SUMMER II 2022



Instructor: Dr. Crystal M. Kreitler

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Office: Academic Building, 204A

Office Hours: By appointment or via zoom on M/W: 9:30a-12:00p; Tues/Thurs: 1-3p

Course Description

This is an introductory course involving research design and the use of statistical methods to interpret and summarize data.

Student Learning Outcomes

Upon completion of this course, students will be able to: 1) Demonstrate knowledge of the strengths and limitations of statistical reasoning. 2) Understand how statistical results may be misused, misrepresented, and misinterpreted. 3) Critically analyze and recognize confounds in research designs and the various means to control for confounds. 4) Interpret the results of basic statistical analyses. 5) Apply the data/statistics to everyday life.

Course Delivery

This is an online course with learning resources and supplemental materials posted in Blackboard.

Required Texts and Materials

Textbook: Research Methods: Are you Equipped? 2nd Edition. Authors: Bonds-Raacke, Raacke, and Kreitler.

Students will also be required to utilize the ASU library and internet to include various sources for the weekly discussions.

Course Requirements

Attendance: In order to accomplish this course successfully, the student must participate in all activities. It is recommended that the student study daily and spend a minimum of 6-9 hours per week working on a 3-credit course. Students need to check blackboard and their email many times per day.

Email: ASU email addresses are required. No other email addresses will be acceptable. The instructor will make an attempt to answer all emails no later than 24 hours after receiving, except on weekends. Emails received on weekends will be answered during the next regular school week.

Evaluation and Grading:

Exams: There will be 2 exams. The exams will be timed and will generally be composed of multiple choice, true/false, and or short answer items.

Quizzes: There will be 3 quizzes. Quizzes will be composed of true/false, short answer or fill-in the-blank questions, and will be timed. Quizzes are given to encourage students to keep up with reading.

Discussion board: Students are expected to participate in weekly discussions. See course materials in blackboard for instructions and the grading rubric. Late assignments will not be accepted.

Grades:

Weekly Discussions	25%
Quizzes	25%
Midterm Exam	25%
Final Exam	25%

Grading Scale

A = (90%-100%)

B = (80%-89%)

C = (70%-79%)

D = (60%-69%)

E = (below 60%)

Attendance/Make-Up Policy: Attendance is required for this course. If you miss an exam, you will have 5 days after the missed exam to make it up. We have all been through a lot recently so you can expect patience and understanding. Give your best. Your instructor values integrity, love and empathy so you can expect that she will work with you.

Communication

Students are encouraged to email the instructor if they have any questions or concerns. When emailing the instructor, please include your class name and time in the subject line. If you would like to meet with instructor, please approach it this way: send an email that gives *three* options, in terms of days *and* time slots that work for you.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).³

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability](#)

[Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).⁷

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁸ for more information.

Copyright Policy

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

Syllabus Changes

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Miller, J.D. You may submit reports in the following manner:

Online: www.angelo.edu/incident-form

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: www.angelo.edu/title-ix.

Course Schedule (subject to change by Dr. Kreitler)

July 11th– 15th

Week 1: Complete module 1

- Introduce yourself to class by Tuesday at noon
- Discussion thread posted by Tuesday and due Friday at 11pm
- Quiz 1 posted on Wednesday and due by Friday at 11pm

July 18th – 22nd

Week 2: Complete modules 2 and 3

- Discussion thread posted by Tuesday and due Friday at 11pm
- Quiz 2 posted on Wednesday and due by Friday at 11pm

July 25th – 29th

Week 3: Complete modules 4, and 5

- Discussion thread posted by Tuesday and due Friday at 11pm
- **MIDTERM** posted Wednesday @noon and due Friday at 11pm

Aug 1st – Aug 5th

Week 4: Modules 6, and 7

- Discussion thread posted by Tuesday and due Friday at 11pm
- Quiz 3 posted on Wednesday and due Friday at 11pm

Aug 8th – Aug 12th

Week 5: Modules 8 and 9

- Discussion thread posted by Tuesday and due Thursday at 11pm
- **FINAL EXAM** posted on Tuesday and due on Wednesday by 11pm

End of Syllabus

¹ <https://www.angelo.edu/student-handbook/>

² <https://www.angelo.edu/catalogs/>

³ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁴ <https://www.angelo.edu/services/disability-services/>

⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁶ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁷ https://www.angelo.edu/dept/writing_center/academic_honesty.php

⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>