Course Purpose and Learning Objectives

This course will expose the student to elementary concepts in statistics and research methods as relevant to the pursuit of psychological knowledge.

When the course concludes, students should be able to:

- Define and explain important statistical concepts such as measures of central tendency and variation, probability theory, and inferential testing
- Define and explain important methodological concepts such as experimental control, reliability/validity, and various single- and multi-group research designs
- Understand and interpret statistical and methodological information from published research and other data

Student Performance Criteria

Students will be measured according to their performance on the following criteria:

- Exams. There will be a mid-term, a final, and smaller quizzes periodically. (30%)
- Homework. Homework will be assigned that will be done individually (40%)
- Group Work. Some class periods will be devoted to group work using data. Attendance and engagement in these class periods will be assessed along with the work product (30%)

A small percentage of quiz grades will be dropped to account for absences.

Required Materials


JAMOVI statistical software (jamovi.org).

Attendance/Participation Policy

You must have been present for at least 50% of the class meetings in order to avoid automatic course failure.

You must complete at least 50% of the assigned work to avoid automatic course failure. Late work does NOT count toward this percentage.

Note that the instructor has the authority to suspend these rules in individuals cases where circumstances dictate. This will ALWAYS be done to ensure that the student receives the fairest grade possible and will NEVER be used to punish students.
### PSY 2321 - Statistics/Research Methods
#### Fall 2019

Dr. Kraig Schell  
Office: ADM 111  
Phone: 486.6128  
Email: kraig.schell@angelo.edu

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**Recovering Missed Work**

- Homework can be submitted late at a penalty of at least 5% per 24-hr period up to a maximum penalty of 55%.
- The mid-term can be made up by contacting me within **7 days** of the missed exam. After that, the opportunity will be lost unless there are severe extenuating circumstances.

**Things NOT To Do**

- **Cell phones must be turned off or to a silent setting; texting is disallowed.**
- **Persistent and excessive lateness will not be tolerated.** If you arrive to class late, I will stop speaking until you sit.
- **The use of personal listening devices during class will not be tolerated.**
- While I encourage an open classroom regarding communication, student discussions that become disruptive to the class will not be allowed.

**Other Notes**

- Office hours are posted in the psychology office. Email is the preferred contact method, however. **Note my office location - I am NOT in the psychology building.**

The grading scale is the traditional one:

- > 90 = A
- 80—89 = B
- 70—79 = C
- 60—69 = D

The School of Business has graciously allowed us the use of this room. I expect you to treat the room and its equipment as if it were yours, with great care.

You will need to bring your own computer to participate. The computer will need to be capable of WiFi connections and can be Windows, Mac, or Chrome-based.

If you are found to be mistreating any equipment in this room, using it in ways that are not authorized or in an unsafe manner, you will be asked to drop the course.

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This document constitutes an explicit agreement between the course instructor and the students enrolled in the course. All issues pertaining to the conduct of the course will be governed by this document, and where it is silent, the course instructor’s discretion will be binding.
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<th>General Topics</th>
<th>Activities</th>
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<td>Methods in the Social Sciences (3)</td>
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Course progress and chapters covered are estimated.
TITLE IX STATEMENT
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 Boone, 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
E-Mail: michelle.boone@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.

DISABILITY SERVICES
Persons with disabilities which warrant academic accommodations must contact the Student Life office, Rm. 112 in the University Center, in order to request such accommodations prior to their implementation. You are encouraged to make this request early in the semester so that appropriate arrangements can be made. Visit http://www.angelo.edu/content/files/58658-op-1015-providing-accommodations-for-students-with for more information.

HONOR CODE
Angelo State University expects its students to maintain complete honesty and integrity in academic pursuits. Students are responsible for reading the Academic Honor Code, located at http://www.angelo.edu/forms/pdf/honorcode5.pdf.

OBSERVENCE OF RELIGIOUS HOLIDAYS
As stated in the Angelo State University Operating Policy and Procedure (OP 10.19) a student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.