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
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 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 short answer items. Late exams will not be accepted.

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. Late quizzes will not be accepted.

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.

Extra credit: Extra credit can be earned by writing a short career paper. See clear instructions under the tab, Course Material, then under the folder labeled Extra Credit.

Grades:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Discussions</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
</tbody>
</table>

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. There will be No makeup exams except in cases of serious illness or some other extreme event such as a death in the family. In these instances, you must obtain a note from your physician and present it to the instructor. The instructor will determine if a student will be allowed to make-up the assignment. You will have 5 days after the missed exam to make it up and failure to do so will result in a zero.

**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
- Angelo State University Catalog

**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.

**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 (ADAAAA) 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. 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 for more information.

**Plagiarism**

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy 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.
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 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 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
Email: 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](http://www.angelo.edu/title-ix).

### Course Schedule (subject to change by Dr. Kreitler)

<table>
<thead>
<tr>
<th>Week</th>
<th>Modules</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1st-5th</td>
<td><strong>Week 1: Module 1</strong></td>
<td>- Thursday, June 4th: Discussion thread posted @noon (closed at 5:00 PM on Saturday the 6th)&lt;br&gt;- Friday, 5th: Quiz 1 @noon (closed at 5:00 PM Sunday the 7th)</td>
</tr>
<tr>
<td>June 8th-12th</td>
<td><strong>Week 2: Modules 2 and 3</strong></td>
<td>- Thursday, June 11th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 13th)&lt;br&gt;- Friday, 12th: Quiz 2 @noon (closed at 5:00 PM on Sunday the 14th)</td>
</tr>
<tr>
<td>June 15th-19th</td>
<td><strong>Week 3: Modules 4, and 5</strong></td>
<td>- Wednesday, 17th: Quiz 3 @noon (closed at 5:00 PM on Friday the 19th)&lt;br&gt;- Thursday, June 18th: <strong>MIDTERM</strong> posted @noon (closed at 5:00 PM on Friday the 19th)&lt;br&gt;- Thursday, June 18th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 20th)</td>
</tr>
<tr>
<td>June 22nd-26th</td>
<td><strong>Week 4: Modules 6, and 7</strong></td>
<td>- Thursday, June 25th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 27th)&lt;br&gt;- Friday, the 26th: Quiz 4 @noon (closed at 5:00 PM Sunday the 28th)</td>
</tr>
<tr>
<td>June 29th – July 1st</td>
<td><strong>Week 5: Modules 8 and 9</strong></td>
<td>- Monday, June 29th: Discussion Thread posted @noon <em>(closed at 5:00 PM on Tuesday 30th)</em>&lt;br&gt;- Monday, June 29th: <strong>FINAL EXAM</strong> posted @noon <em>(closed at 11PM on Monday, 29th)</em></td>
</tr>
</tbody>
</table>
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