**Course Description and Objectives:** 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.

**Required Readings:**
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 cumulative exams. Although you may not like cumulative exams, it is unquestionably the case that reviewing a specific topic several times is much better than reviewing it once, when it comes to subsequent memory of the given topic. My goal is that you will be more likely to remember the information when the class is complete. 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>
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<tbody>
<tr>
<td>Weekly Discussions</td>
<td>25%</td>
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<tr>
<td>Quizzes</td>
<td>25%</td>
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<tr>
<td>Midterm Exam</td>
<td>25%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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</tbody>
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**Grading Scale**

- A = (90%-100%)
- B = (80%-89%)
- C = (70%-79%)
- D = (60%-69%)
- E = (below 60%)

**Communication Policy/Meetings:** When emailing the instructor, please include your class name subject line. **Please be respectful in your emails.** This includes addressing the professor properly and signing your full name. FYI, if I haven’t answered your email in 24 hours, please remind me; I sometimes get deluged with emails, but don’t intentionally ignore anyone.

**Honor Code:** Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is available on the web at [http://www.angelo.edu/forms/pdf/honorcode5.pdf](http://www.angelo.edu/forms/pdf/honorcode5.pdf).

**Supplemental Instruction:** Information about becoming a more effective and efficient learner is available through the Dept. of Psychology & Sociology website at [www.angelo.edu/dept/psychology_sociology/index.htm](http://www.angelo.edu/dept/psychology_sociology/index.htm).

**Writing Center:** The ASU Writing Center (942-2093) is located on the 3rd floor of the ASU Library in 305C. Writing Center tutors can work with students in any discipline and at any skill level.

**Disabilities:** Persons with disabilities that warrant academic accommodations must contact the Student Life Office, Room 112 University Center (942-2193), in order to request such accommodations prior to their being implemented. You are encouraged to make this request early in the semester so that appropriate arrangements can be made.
Course Calendar:

**June 3rd-7th**  
**Week 1: Module 1**  
- Thursday, June 6th: Discussion thread posted @noon (closed at 5:00 PM on Saturday the 8th)  
- Friday, 7th: Quiz 1 @noon (closed at 5:00 PM Sunday the 9th)

**June 10th-14th**  
**Week 2: Modules 2 and 3**  
- Thursday, June 13th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 15th)  
- Friday, 14th: Quiz 2 @noon (closed at 5:00 PM on Sunday the 16th)

**June 17th-21st**  
**Week 3: Modules 4, and 5**  
- Wednesday, 19th: Quiz 3 @noon (closed at 5:00 PM on Friday the 21st)  
- Thursday, June 20th: **MIDTERM** posted @noon (closed at 5:00 PM on Friday the 21st)  
- Thursday, June 20th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 22nd)

**June 24th-28th**  
**Week 4: Modules 6, and 7**  
- Thursday, June 27th: Discussion Thread posted @noon (closed at 5:00 PM on Saturday the 29th)  
- Friday, the 28th: Quiz 4 @noon (closed at 5:00 PM Sunday the 30th)

**July 1st-3rd**  
**Week 5: Modules 8 and 9**  
- Monday, July 1st: Discussion Thread posted @noon (**closed at 5:00 PM on Tuesday 2nd**)  
- Monday, July 1st: **FINAL EXAM** posted @noon (**closed at 11PM on Monday, 1st**)