Course #: 17130
Course Title: STAT 2480: Elementary Statistical Methods
Credit Hrs: 4
Term: Fall 2009
Course Meetings & Location: M 11:30 am - 12:20 pm; Engineering 113
T,TR 1:30 pm - 2:50 pm; Bell Hall 130A
Prerequisite Courses: One of 1320, 1508, 1411, TCCN 1314 or equivalent
Course Fee: (if applicable) none
Instructor: Dr. Joan G. Staniswalis
Office Location: Bell Hall 227
Contact Info: Phone # 915-747-6761
E-mail address: jstaniswalis@utep.edu
Fax # 915-747-5806
Emergency Contact: 915-747-5761 (math dept office)
Office Hrs: T,TR 3-4 pm; W 10:30 am - noon
Textbook(s), Materials: Required: Statistics: The Art and Science of Learning from Data by

Course Objectives
(Learning Outcomes): The students are expected to go beyond mere statistical literacy. At the end of the course a student will have the necessary skills: To design an experiment for the collection of data that will answer a simple research question; To write out a plan for statistical analysis of data collected; To carry out a planned statistical analysis; and To provide a written report of the findings including a summary of ways the study could be improved; To read a scientific paper for the purpose of critiquing the strengths and weaknesses of the experimental design and the statistical analysis, and comment on the appropriateness of the conclusions based on the analysis presented.

Activities and Assignments: Students will be expected to attend lecture, read the book, practice the concepts by solving problems from the textbook assigned for homework, and complete a group project. The textbook problems will be supplemented with computer assignments requiring the use of statistical software Minitab available in the UGLC computer lab and the ACES computer lab in Bell Hall. Statistical software instructions will be provided as needed. In-class group activities will be used to encourage active learning. Study groups to discuss the problems and brainstorm approaches to problem solving are encouraged, however, the written assignments and computer programs turned in for grading are to be your own work and reflect your individual effort.
Course Schedule:  
**September 9**- Class Census Day. If a student drops before the census date, neither the course nor a grade will appear on the student’s academic record. This is the last day to drop without a W.  
**September 29**- (Tuesday) First Midterm Exam  
**October 30**- Course Drop Deadline  
**November 5**- (Thursday) Second Midterm Exam  
**December 10**- Final Exam from 4:00 pm - 6:45 pm

Grading Policy: You will be graded on homework, group work, in-class examinations, and the project. The course grade is based on:

- 20% Graded Homework Assignments (drop lowest homework grade)  
- 20% Exam I  
- 20% Exam II  
- 20% Cumulative Final Exam  
- 20% Project

Projects that are used (or have been used) to satisfy the requirements of another course are not acceptable. For example, Field Biology projects may not be used to satisfy the project requirement of this class.

Calculators may not be shared on exams. Cell phone calculators are not permitted on exams.

Letter grades are determined according to the following scale:

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<thead>
<tr>
<th>Grade</th>
<th>Score</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100</td>
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<tr>
<td>B</td>
<td>80-89</td>
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<tr>
<td>C</td>
<td>70-79</td>
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<tr>
<td>D</td>
<td>60-69</td>
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<tr>
<td>F</td>
<td>&lt;60</td>
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Make-up Policy: Late homework is not accepted. Make-up examinations will not be given. Students are required to take the two midterms and final exam at the scheduled times.

Attendance Policy: Class attendance is required and noted at the beginning of class; more than two unexcused absences will result in an instructor-initiated drop or final grade reduction.

Academic Integrity Policy: Violations of academic integrity, including unauthorized submission of work performed by others, will be pursued vigorously to result in the most severe sanctions. Please refer to UTEP’s policy cited in http://academics.utep.edu/Default.aspx?tabid=23875

Civility Statement: No text messaging in class. Please silence cell phones before coming to class. Students are expected to actively participate in class discussions and group activities. Group work that is not completed in class is to be finished as homework, so use the class time wisely by staying focused on the class topic and avoiding chit-chat.
Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at <dss@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

Military Statement: If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact Dr. Staniswalis as soon as possible.