THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: 15634
Course Title: STAT 3330: Probability
Credit Hrs: 3
Term: Fall 2009
Course Meetings & Location: T,TR 4:30-5:50 pm; Business #304
Prerequisite Courses: Third Semester Calculus (MATH 2313: Calc III)
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: Mathematical Statistics with Applications (7th Edition)

Course Objectives
(Learning Outcomes): Upon reading a word problem, students will be able: to identify the uncertainty that is involved in the situation described, to select a suitable probability model, and to compute probabilities of interesting events. Students will know the relationships between distributions obtained by variable transformations or limit theorems.

Activities and Assignments: Students will be expected to attend lecture, read the book, and practice the concepts by solving problems from the textbook assigned for homework. The textbook problems will be supplemented with computer assignments requiring the use of statistical software 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.
- **October 1** - (Thursday) First Midterm Exam
- **October 30** - Course Drop Deadline
- **November 10** - (Tuesday) Second Midterm Exam
- **December 8** - Final Exam from 4-6:45 pm

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

- 25% Graded Homework Assignments (Drop lowest homework grade.)
- 15% Quizzes (Drop two lowest quiz grades.)
- 20% Exam I
- 20% Exam II
- 20% Cumulative Final Exam

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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<td>B</td>
<td>80-89</td>
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<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: No make-up quizzes or late homeworks are allowed. 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.