Course #: 14118  
Course Title: Stat 5380: Mathematical Statistics I  
Credit Hrs: 3.0  
Term: Fall 2009  
Meetings & Location: TR 9:00-10:20  
Prerequisite Courses: Stat 3330  
Instructor: Dr. Ori Rosen  
Office Location: Bell Hall 221  
Contact Info: Phone: (915) 747-6843  
E-mail: ori@math.utep.edu  
Office Hrs: TR 12 pm- 1 pm  

Course Objectives: This course provides the probabilistic foundations of mathematical statistics. It covers probability spaces, random variables, univariate and multivariate probability distributions, conditional distributions, expectation, generating functions, multivariate transformations, modes of convergence and limit theorems.  

Activities/Assignments: Students will be required to turn in assignments and take exams  
Assessment of Course Objectives: Exams and homework assignments.  

Course Schedule:  
Midterm 1: Thu, Oct 1, 2009  
Midterm 2: Thu, Nov 12, 2009  
Final: Tue, Dec 8, 2009, 10-12:45  
Course drop deadline: Oct 30, 2009  
Thanksgiving: Thu, Nov 26  

Grading Policy:  
Homework: 20% (the lowest grade will be dropped)  
Midterm 1: 20%  
Midterm 2: 20%  
Final: 40%  
The midterms will be noncumulative. The final exam will be cumulative. You will be allowed to bring one 8.5”x11” handwritten sheet of notes, written on both sides, to the first two exams, and two 8.5”x11” handwritten sheets to the final. You will also need to bring a calculator. You may not share a calculator on the exams.  

Make-up Policy: Late homework will not be accepted. No makeup exams will be given.  
Attendance Policy: Class attendance is required; more than two unexcused absences will result in an instructor-initiated drop or final grade reduction. Because late arrivals are disruptive to the class, you are to be seated in the classroom by 9:00am and remain in class until dismissed.
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. For more details, see http://academics.utep.edu/Default.aspx?tabid=23785.

Civility Statement: Electronic devices such as cell phones and pagers must be turned off during class, unless you have informed me ahead of time that you are expecting an emergency message.

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 me as soon as possible.