Course #: 21978
Course Title: Stat 5381: Mathematical Statistics II
Credit Hours: 3.0
Term: Spring 2018
Meetings: MW 10:30–11:50, Classroom Bldg. 203
Prerequisite: Stat 5380
Instructor: Dr. Ori Rosen
Office: BH 221
Contact Info: Phone: (915) 747-6843
E-mail: orosen@utep.edu
Office Hours: TR 3–4
Description: This course is a continuation of Mathematical Statistics I. It covers multivariate transformations, modes of convergence, limit theorems, sufficiency, exponential families, methods of estimation, comparison of estimators, confidence intervals, hypothesis tests, likelihood ratio tests, large sample theory.
Activities: Students will be required to turn in assignments and take exams
Schedule: Midterm 1: Wed, 2/21
Midterm 2: Wed, 4/4
Final: Fri, 5/11, 10:00–12:45
Spring Break: Mar 12–16
Grading: Homework: 20%
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” × 11” handwritten sheet of notes, written on both sides, to the first two exams, and two 8.5” × 11” 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: Class attendance is required; more than 5 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 10:30 am 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.