Course #: 12090
Course Title: Stat 5385: Statistics in Research
Credit Hours: 3.0

Term: Fall 2016
Meetings: MW 1:30-2:50, Classroom Building C203

Prerequisite: Math 3323 and Stat 4380
Instructor: Ori Rosen
Office: Bell Hall 221
Contact Info: Phone: (915) 747-6843
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Office Hours: T 3–4, W 3–4


Description: The main topic of this course is regression analysis. Often one is interested in using sample data to investigate the relationships among a group of variables, ultimately to create a model for some variable that can be used to predict its future value. The process of finding a mathematical model that best fits the data is part of regression analysis. Topics include simple linear regression, inference, diagnostics, multiple linear regression, building a regression model and correlation. Statistical software (R) will be used throughout the course.

Activities: Students will be required to turn in assignments and take exams

Schedule: Midterm 1 (Wed, 9/28)
Midterm 2 (Wed, 11/2)
Final (Wed, Dec 7, 4:00 pm–6:45 pm)

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: Required.

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 sa.utep.edu/osccr/academic-integrity/

Civility Statement: No text messaging in class. Please silence cell phones before coming to class.

Disability Statement: If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

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 your instructor as soon as possible.