Instructor: Dr. Ori Rosen  
Department of Mathematical Sciences  
E-mail: orosen@utep.edu

Office Hours: M 2:00–3:00 on Zoom

Classes: TR 1:30–2:50, Education Building 210

Prerequisite: Courses equivalent to STAT 3330 and STAT 4380


Description: The course covers Bayesian modeling, Monte Carlo approximation and simulation-based computational methods, i.e., Markov chain Monte Carlo (MCMC) methods.

Grades: Course grades are based on homework assignments, exams and a project.

Schedule: Midterm 1 (Thu, 10/6)  
Midterm 2 (Thu, 11/17)

Grading: Homework: 25%  
Midterm 1: 25%  
Midterm 2: 25%  
Project: 25%  
The midterms will be noncumulative. You will be allowed to bring one 8.5" \times 11" handwritten sheet of notes, written on both sides, to the exams. 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

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 [www.utep.edu/student-affairs/osccr/](http://www.utep.edu/student-affairs/osccr/)
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.