Course #: STAT 3330
Course Title: Probability
Credit Hrs: 3
Term: Fall 2023
Course Meetings & Location: TR 10:30 - 11:50am Old Main 211
Prerequisite Courses: MATH 2313 or equivalent
Instructor: Naijun Sha
Office Location: Bell Hall 203
Contact Info: Phone # 747-6844
E-mail nsha@utep.edu
Fax # 747-6502
Office Hrs: MW: 1:00pm-2:00pm or by appointment
Textbook(s), Materials: Required: A First Course in Probability, 9th edition by Sheldon Ross

Course Objectives (Learning Outcomes): Theory and applications of probability models. Sample space, combinatorics, conditional probability, random variables, discrete and continuous probability distributions, expectation, moment generating functions, law of large numbers and central limit theorem. Through assigned homework and class discussions, students will also acquire skills to identify real problems that require advanced mathematical and statistical knowledge.

Course Activities/Assignments: Homework and data analysis projects will be assigned throughout the semester. You may do the exercises with your partner, but each student must answer the questions individually. ZERO grades will be obtained for those whose solutions are the exact copies of someone else’s. NO LATE HOMEWORK WILL BE ACCEPTED

Edge Experiences and Advantages: Creative activities, real problems identification and solving, communication skill, confidence, etc.

Assessment of Course: Homework, Exam

Course Schedule: Exam I: TBD
Exam II: TBD
Final Exam: Thursday 12/14/23, 10:00am-12:45pm
Drop Deadline: 11/03/2023.

Grading Policy: Homework 20%
Exam I 20%
Exam II 20%
Final Exam 40%
The final grade is based on a scale of 90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, below 60 = F. Attendance and class participation will be used to help decide borderline grades

Make-up Policy: IF you notify me BEFORE the exam AND have a university excuse for missing the exam, you may take the make-up exam arranged by the instructor

Graduate Students: The course taken for graduate credit will require additional work, the amount and nature to be determined by the instructor.
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<thead>
<tr>
<th><strong>Attendance Policy:</strong></th>
<th>Class attendance is required. More than THREE unexcused absences will result in the student’s drop from the class or final grade reduction.</th>
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<tbody>
<tr>
<td><strong>Civility Statement:</strong></td>
<td>Please turn off cell phones during classes</td>
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<tr>
<td><strong>Disability Statement:</strong></td>
<td>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 <a href="mailto:dss@utep.edu">dss@utep.edu</a> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.</td>
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<tr>
<td><strong>Military Statement:</strong></td>
<td>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 as soon as possible</td>
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