THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #:     STAT 3320
Course Title: Probability and Statistics
Credit Hrs:   3
Term:        Fall 2019
Course Meetings & Location: TR 1:30 - 2:50pm, Education Building 309
Prerequisite Courses: MATH 1312 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: 10:00-11:00am or by appointment
Textbook(s), Materials: Required: Probability & Statistics for Engineering and the
Sciences 9th edition by Jay L. Devore
Course Objectives (Learning Outcomes): Introduces students to probability and statistics applicable to research
in computer science and mathematics majors. By the end of this
course, students should be able to read a word problem, realize the
uncertainty that is involved in a situation described, select a suitable
probability model, estimate and test its parameters on the basis of real
data, compute probabilities of interesting events, and make appropriate
conclusions. This course covers theory and applications of probability
models, random variables, discrete and continuous probability
distributions, joint and conditional distributions, sampling
distributions, central limit theorem, hypothesis testing, confidence
intervals, and exposure to simple linear regression.

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
Assessment of Course Objectives: Homework, Exam
Course Schedule: Midterm I: TBA
    Midterm II: TBA
    Final Exam: 12/12/19, 1:00pm-3:45pm
    Deadline of Course Withdrawal: 11/01/19.
Grading Policy: Homework 20%
    Midterm Exam I 20%
    Midterm 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.

Attendance Policy: Class attendance is required. More than THREE unexcused absences will result in the student’s drop from the class or final grade reduction.


Civility Statement: Please turn off cell phones during classes.

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 as soon as possible.