

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

Course Number : STAT 3330 (CRN 13334)
Course Title: Probability
Credit Hours: 3.0
Term: Fall 2021 (Instruction 08/23/2021 – 12/02/2021)
Course Meetings & Location: Online Asynchronously
Prerequisite Courses: MATH 2313 Calculus III with a grade C or better.
Website: Blackboard
Instructor: Xiaogang Su, Ph.D.
Office Location: Bell Hall 320
Contact Info: xsu@utep.edu
Office Hours: TR 1:00-2:00 pm by appointment only. Office hours will be held via either Skype or Zoom. My Skype ID is xiaogang.su.

Please email me if you plan to come to the office hour. If you can't make it to these time slots, please pick up another convenient time when making the appointment.

Textbook(s), Materials: Required: *Introduction to Probability* by Joseph K. Blitzstein and Jessica Hwang, Chapman and Hall/CRC, 2015. ISBN 13: 978-1-4987-5976-2

Course Objectives (Learning Outcomes): This course is an introduction to probability. It will cover probability and counting, conditional probability, random variables, probability distributions, expectations, special random variables, joint distributions, transformations and conditional expectation.

Course Activities/Assignments: Each class period will have in-class work completed within the period. Additionally, out of class homework assignments are given.

Assessment of Course Objectives: Homework assignments will be given on a weekly or bi-weekly basis.

Course Schedule: Exact midterm exam dates will be announced via class website and are subject to change.

09/06	Labor Day
10/29	Course Drop Date
11/25 - 11/26	Thanksgiving
12/06 -12/10	Final Exam Week.

Final Exam: TBD

Grading Policy:

25% Exam 1
25% Exam 2
25% Exam 3
30% Final Exam

Note that the total adds up to 105, containing 5 extra credits; however, the extra credit is only applicable to those who complete all assignments and exams. Besides, extra work will be given to graduate students who take this course for credits towards graduate degrees.

Letter grades are determined according to the following scale:

Grade Score

A	90 +
B	80-89
C	70-79
D	60-69
F	<60

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/

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.

UTEP College of Science Policies: Please watch out closely the course drop deadline for the semester. The College of Science will remain aligned with the University and not approve any drop requests after that date.

All grades of Incomplete must be accompanied by an Incomplete Contract that has been signed by the instructor of record, student, departmental chair, and the dean. Although UTEP will allow a maximum of one year to complete this contract, the College of Science requests it be limited to month based upon completion data. A grade of Incomplete is only used in extraordinary circumstances confined to a limited event such as a missed exam, project, or lab. If the student has missed a significant amount of work (e.g. multiple assignments or tasks), a grade of Incomplete is not appropriate or warranted.

COVID-19 Precaution Statement

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org.