

**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
DEPARTMENT OF Mathematical Sciences

Course #:	STAT 3330 (CRN 36545)	
Course Title:	Probability	
Credit Hrs:	3	
Term:	Summer 2019 (Jun 10, 2019 - Jul 05, 2019)	
Course Meetings & Location:	<b>MTWRF 2:00 pm - 4:10 pm, CRBL C204</b>	
Prerequisite Courses:	MATH 2313 or equivalent; with a minimum grade of "C".	
Course Fee: (if applicable)	N/A	
Instructor:		
Office Location:	<b>Bell Hall 215</b>	
Contact Info:	Phone #	
	<a href="mailto:dkoomson@utep.edu">dkoomson@utep.edu</a>	E-mail address:
	915-747-6502 (Math Dept.)	Fax #
	915-747-5761 (Math Dept.)	Emergency Contact:
Office Hrs:	<b>MRF 1pm - 1:45 pm by appt.</b>	
Textbook(s), Materials:	<b>Required for Class:</b>	<i>Millier &amp; Miller, Freund' Mathematical Statistics, 8<sup>th</sup> Edition.</i>
	<b>Suggested:</b>	<ol style="list-style-type: none"><li><i>1. Probability for Risk Management Textbook by Donald Stewart and Matthew J. Hassett.</i></li><li><i>2. Sheldon Ross: A first course in probability 8<sup>th</sup> Edition.</i></li></ol>
Course Description and Learning Outcomes:	Theory and applications of probability models in actuarial context. 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 in-class assignments, students will also acquire skills to identify real problems that require advanced mathematical and statistical knowledge. Note: <b>Memorization of key formulas is mandatory.</b>	
Course Activities/Assignments:	Class activities will include working out problems and class discussion. Homework will be assigned frequently. Quizzes will be given in class after one to two sections, at the beginning of each class; if you are late there will be no makeup.  <b>A Comprehensive Final Exam</b> will also be given, on <b>Mon, July 8<sup>th</sup> 4pm – 6:45pm</b> . All students are required to take the final.	

Assessment of Course Objectives: Your overall grade will consist of the weighted average of your scores on the homework, quizzes, exams and the final exam. Although the class discussions do not affect your final grade directly, actively participating in them will be considered when deciding about the final grades for the students on the borderline (e.g. between C or D).

Grading Policy: **20% Homework/Quizzes**  
**25% Exam 1 (June 21<sup>st</sup>)**  
**25% Exam 2 (June 27<sup>th</sup>)**  
**30% Final Exam (Mon, July 8<sup>th</sup> 4pm – 6:45pm)**  
The usual grading scale will be used for this course (90%-100% is an A, 80%-89% is a B, etc.)

**No extra credit or extra work will be given for any individual. No scores will be dropped.**

Drop Deadlines: **Friday, June 28<sup>th</sup> 2019**

**July 4<sup>th</sup> - Independence Day Holiday (University Closed)**

Make-up Policy: If class is missed for a valid and documented reason, the quizzes, homework assignments and exams may be made-up for full credit. Check your calendars now for potential conflicts with scheduled class assignments or exams. All other assignments should be turned in on time. No exam make ups, except in health emergencies and no late homework will be accepted.

**Students who fail to attend a make-up exam will not be scheduled for another one. NO MAKE-UP FOR THE FINAL.**

Attendance Policy: As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If you are absent, it is your responsibility to find out from another classmate which assignments/notes were missed. **Instructor will not copy notes.** Every student is individually responsible for all information delivered during each lecture. **It is NOT the instructor's responsibility to inform students about material covered/information delivered during a lecture in which the student was absent. The instructor will NOT repeat the information delivered on a lecture via e-mails or phone calls or by any other means, on the basis that the lecture was missed. The purpose of office hours is NOT to make up for missed lectures.**

Academic Integrity Policy Each student is responsible for notice of and compliance with the provisions of the Regents' Rules and Regulations, which are available for inspection electronically in UTEP's policy cited in <https://www.utep.edu/student-affairs/osccr/>

**Civility Statement:** Calculators are not to be shared during quizzes and exams. Please do not use cell phones, pagers, iPods, MP3 players, blue tooth devices, etc. during class. Please do not wear headsets or blue tooth devices during class. Please don't talk in class. Cell phone calculators will not be used on quizzes or exams. Active participation in class is expected.

**Disability Statement:** If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact The Center for Accommodations and Support services (CASS) at 747-5148 or at <cass@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS 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 semester, please contact me by the end of the first week of class