Math 335 – Mathematical Probability  
Fall 2017 - Section 2 (schedule # 19405), MH 416, MW 2:30-3:45 p.m.

<table>
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<tr>
<th>Instructor:</th>
<th>Mortaza (Mori) Jamshidian, Ph.D.</th>
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<tbody>
<tr>
<td>Office:</td>
<td>MH-182A</td>
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<td>Office Hours:</td>
<td>Monday 1:30-2:30 p.m. PST (MH 182A and online)</td>
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<td></td>
<td>Wednesday 4:00-5:00 p.m. PST (MH 182A and online)</td>
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<td>Thursday 6:00-7:00 p.m. PST (Online only)</td>
</tr>
<tr>
<td>Phone:</td>
<td>657-278-2398</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:mori@fullerton.edu">mori@fullerton.edu</a></td>
</tr>
<tr>
<td>Webpage:</td>
<td><a href="http://mathfaculty.fullerton.edu/mori">http://mathfaculty.fullerton.edu/mori</a></td>
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Course Description: The course will start with the basic theory of probability, including axioms of probability and its implications and applications, conditional probability, independence, Bayes theorem, and the law of total probability. We then introduce the concept of random variable, expectation and variance. Jointly distributed random variables and related concepts of marginal and conditional distributions, conditional expectation, covariance, and correlation will be discussed. We also introduce the moment generating function, and then go on to limit theorems such as the law of large numbers and the central limit theorem, including proofs.

Course Requirements and Grading Policy: Homework will be assigned, and will be collected occasionally. Although homework is not always collected, you are responsible to do all the assigned problems. I will answer questions about the assigned problems on the due date. After the due date, you will be given a take home quiz for which you will have approximately 24 hours; no quiz will be given during the weeks that we have exams. The quizzes will be made available on Titanium. You MUST NOT talk to anyone about the quiz problems or seek any type of external help, electronic or otherwise. However, collaboration and communication about the homework problems is encouraged.

The quizzes will account for 10% of your grade. Two midterm exams and a final exam will be given; all three of these exams will be weighted equally comprising 90% of your grade. You will be allowed to bring in two pages of crib-sheet during each midterm exam and five pages of crib-sheet during the final exam. Letter grades will be assigned according to the distribution of the overall grades. Plus-minus grading will be used.

The following is a tentative exam schedule:

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<th>Exam I</th>
<th>Exam II</th>
<th>Final Exam</th>
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<tr>
<td>Mon. 9/25</td>
<td>Mon. 10/23</td>
<td>Wed. 12/13 2:30-4:20</td>
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Make-up exams will be given only in extreme instances and only with advance permission of the instructor. Any student who does not take an exam at the scheduled time without prior consent of the instructor will receive a grade of zero on that exam. If any student feels that a sudden illness is sufficiently extreme to warrant a make-up exam, the instructor must be provided with documentation prepared by an appropriate authority.
Students with Special Needs: If you have a disability or special need for which you are or may be requesting an accommodation, please inform me and contact the Disabled Student Services Office, located in University Hall 101, as early as possible. For more information, the Disabled Student Services Office can be reached by calling (657) 278-3117 or visit their website at www.fullerton.edu/disabledservices/. Confidentiality will be protected.

Academic Integrity: Students are expected to maintain a high standard of academic integrity. Policies on academic integrity will be strictly enforced. Familiarize yourself with the academic dishonesty policy, which can be found at http://www.fullerton.edu/integrity/student/integritycounts/academic_integrity/. According to the Policy on Online Instruction (UPS 411.104), students enrolled in online courses are subject to the same university policies and procedures applicable to students attending courses on campus. Academic standards regarding cheating, plagiarism, and appropriate online behavior (“Netiquette”) shall be according to the UPS 300.021 Academic Dishonesty.

Emergency Procedure Notice to Students The safety of all students attending California State University Fullerton is of paramount importance. During an emergency it is necessary for students to have a basic understanding of their personnel responsibilities and the University’s emergency response procedures. In the event of an emergency please adhere to the following guidelines

Before an emergency occurs-
1. Know the safe evacuation routes for your specific building and floor.
2. Know the evacuation assembly areas for your building.

When an emergency occurs-
1. Keep calm and do not run or panic. Your best chance of emerging from an emergency is with a clear head.
2. Evacuation is not always the safest course of action. If directed to evacuate, take all of your belongings and proceed safely to the nearest evacuation route.
3. Do not leave the area; remember that faculty and other staff members need to be able to account for your whereabouts.
4. Do not re-enter building until informed it is safe by a building marshal or other campus authority.
5. If directed to evacuate the campus please follow the evacuation routes established by either parking or police officers.

After an emergency occurs
1. If an emergency disrupts normal campus operations or causes the University to close for a prolonged period of time (more than three days), students are expected to complete the course assignments listed on the syllabus as soon as it is reasonably possible to do so.
2. Students can determine the University's operational status by checking the University's web site at http://www.fullerton.edu, calling the University's hotline number at 657-519-0911, or tuning into area radio and television stations. Students should assume that classes will be held unless they hear or read an official closure announcement.

EMERGENCY CALLS
DIAL 9-1-1

All campus phones and cell phones on campus reach the University Police Department
Non-emergency line: (657) 278-2515
MATH DEPARTMENT ADD / DROP DATES
FALL 2017

September 5 (Tuesday): Last day for students to ADD with a permit. All permits expire at midnight on September 5.

September 5 (Tuesday): Last day for students to DROP without a grade of “W”. Students drop using Titan Online.

September 29 (Friday): Last day the Math Department will be flexible on the approval of late withdrawal requests. Beginning Monday, October 2, students must have a serious and compelling reason for withdrawing (e.g. medical reason) and must provide supporting documentation for their reason.

November 9 (Thursday): Last day to withdraw with a truly serious and compelling reason that is clearly beyond the student’s control. Students must document their reason. See Math Department for more info.