
Math 435 – Mathematical Statistics

Spring 2007 - Section 1, MH 476, MW 1:00-2:15 p.m.

Instructor: Mortaza (Mori) Jamshidian, Professor. **Office:** MH 182L **Phone:** 714-278-2398

Office Hours: M 5:30-6:30 p.m., W 11:30-12:55p.m., or *by appointment*

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Text: *Mathematical Statistics With Applications*, by Wackerly, Mendenhall, and Scheaffer, Sixth Edition, Duxbury, 2002.

Your e-mail address wanted: You are *required* to fill out the “Student Information Form” ([click here](#)) and submit it to mori@fullerton.edu no later than **Friday January 26th**. **Do not** save the pdf file and attach to an e-mail. You need to **use the submit button** on the form and follow the instructions. I will send **quizzes** and various announcements about our class through e-mail. Please provide an e-mail address that you check frequently. I will send a “test e-mail” on **Sunday January 28th** to everyone. If you do not receive this test e-mail, please see me on Monday to resolve any problems there may be. **Note:** Any credits that you lose due to not establishing your e-mail connection with me on time will be your responsibility.

Course Description: We will start the course with a brief review of the required probability theory. Then we cover the basic statistical inference topics including estimation and hypothesis testing. If time allows, we will also cover some applied topics along with the most recent computational techniques valuable to conduct data analyses.

Course requirements and Grading Policy: Homework/projects will be assigned. Homework will not be collected. However, 24 hours before the due date a quiz will be e-mailed to you that will be closely related to the homework assignment problems. You are to print out the quiz and answer the questions and turn the quiz in at the beginning of the next class. You **must** work on the quiz individually. Solutions to the homework problems and quizzes will be discussed after the due date. The quizzes will account for **20%** of your grade. Two midterm exams (**50%**) and a final exam (**30%**) will be given, portions of which may be take home. For in-class exams you will be allowed to bring in one page of information during each midterm exam and five pages of information during the final exam. Letter grades will be assigned according to the distribution of the overall grades. Plus-minus grading will be used.

The exam dates are as follows:

<i>Exam I</i>	<i>Exam II</i>	<i>Final Exam</i>
2/28 (Wed.)	4/11 (Wed.)	5/14 (Mon. 2:30-4:20)

Make-up exams will be given only in extreme instances and only with advanced 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.

Academic Integrity: Students who violate university standards of academic integrity are subject to disciplinary sanctions, including failure in the course and suspension from the university. Since dishonesty in any form harms the individual, other students and the university, policies on academic integrity are strictly enforced. I expect that you will familiarize yourself with the academic integrity guidelines found in the current student handbook (see <http://www.fullerton.edu/deanofstudents/judicial/policies.htm>).

Examples of actions that constitute academic dishonesty include, but are not limited to:

1. Unacceptable examination behavior – communicating with fellow students, copying material from another student’s exam or allowing another student to copy from an exam, possessing or using unauthorized materials, or any behavior that defeats the intent of an exam.
2. Plagiarism – taking the work of another and offering it as one’s own without giving credit to that source, whether that material is paraphrased or copied in verbatim or near-verbatim form.
3. Unauthorized collaboration on a project, homework or other assignment.
4. Documentary falsification including forgery, altering of campus documents or records, tampering with grading procedures, fabricating lab assignments, or altering medical excuses.

Emergency Evacuation: In the event of an emergency such as earthquake or fire:

- Take all your personal belongings and leave the classroom. Use the stairways located at the east, west, or center of the building.
- Do not use the elevator. They may not be working once the alarm sounds.
- Go to the lawn area towards Nutwood Avenue. Stay with class members for further instruction.
- For additional information on exits, fire alarms and telephones, **Building Evacuation Maps** are located near each elevator.
- Anyone who may have difficulty evacuating the building, please see the instructor.