Math 407: Probability Theory Spring 2013

Instructor: Quentin Berger - KAP 424C 12:00-12:50pm Monday-Wednesday-Friday, GFS 101

Office Hours: Mon, Wed, Thu, 2 - 3:30 PM Email: qberger@usc.edu Home Page: http://dornsife.usc.edu/quentin-berger

Discussion sessions:

11:00-11:50am or 12:00-12:50pm on Tuesdays and Thursdays, KAP 165 TA: John Pike - jpike@usc.edu Beside the discussion sections, TA is responsible for quizzes (making, administering, and grading) and for collecting and grading homeworks.

Save the dates:

Midterm 1: Wednesday, February 27; Spring Break: March 18-23; Midterm 2: Wednesday, April 3; Drop Deadline: April 12; Last class: Friday, May 3; Final: Friday, May 10, 11:00am-1:00pm.

Course Description: We'll introduce the basic concepts of probability theory, including: set up of probability space, conditional probability and independence, various discrete and continuous random variables (as well as many examples), law of large numbers and the central limit theorem (CLT), basic tools of probability theory.

Textbook: "A first course in probability" by S. Ross, 8th edition (Pearson/Prentice Hall, 2009)

Grading: Best of the two scores

1. Quizzes/Homework = 20% ; Midterm 1 = 25% ; Midterm 2= 25% ; Final Exam = 30%

2. Quizzes/Homework = 20%; Best of the two Midterms = 35%; Final Exam = 45%

About the exams & quizzes: All exams and quizzes are closed book, with no calculators. The exam problems will be in the same style as your homework problems. Weekly quizzes (except the first week, the last week, and the midterm exam weeks) will be given in Discussion classes. Your 3 lowest grades will be dropped in the end. More details will be specified by the TA.

There will be no make-up exams or quizzes. No late submissions of homework.

Other comments: Official announcements, homework assignments, grades, etc... will be posted on my website, and Blackboard. You're expected to look at these websites on a regular basis.

It is very useful to get feedback and questions, both inside and outside class. You are very welcome to visit me during my office hours, and you can also make appointments to see me at other time.