

Mathematics 3215 A
Introduction to Probability and Statistics
Spring 2006

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1. General Information. This information sheet, as well as assignments and other course information, is posted at www.math.gatech.edu/~andrew.

Math 3215A meets from 11:05 to 11:55 on Mondays, Wednesdays, and Fridays. Office hours will be Monday, Wednesday, and Friday from 9:30 - 10:30.

2. Text and Material. The text for this course is *Probability and Statistical Inference, 7th Edition*, by Hogg and Tanis. We will cover Chapter 1 through Chapter 8, covering basic counting principles and probability; discrete and continuous distributions, multivariate distributions, sampling distributions, estimation and hypothesis testing. A more detailed course outline is posted on the web.

3. Homework and Tests. Homework will be assigned and collected on Fridays, and a proper subset of each assignment will be graded. I strongly urge you to do all of the assigned problems. You may use computers and calculators on homework, but be sure to explain your work. There will be three hour tests and a final exam. Tentative dates for hour tests are

Hour Test 1	10 February
Hour Test 2	17 March
Hour Test 3	21 April

I discourage make-up tests, and make-up tests must be approved in advance.

4. Grading. The hour tests, homework, and final examination will be counted with the following weights.

Hour Tests	55%
Homework	10%
Final Examination	35%

Letter grade cutoffs will be at least as favorable as 90, 80, 70, 60.

5. Honor Code. Please review the Georgia Tech Honor Code. All examinations in this course are closed book. No notes may be used. You may discuss homework with each other, but I expect you to write your solutions yourself. The work you ultimately submit must be your own.