

Math 551A: Probability and Mathematical Statistics (Fall/2003)

Class Meetings: Monday, Wednesday, and Friday 1:00 PM - 1:50 PM

Instructor: Dr. Kung-Jong Lui, GMC-509, (619) 594-7239

Office Hours: Monday and Wednesday 2:00 PM - 3:00 PM.

Larsen and Marx (1986). Introduction to Mathematical Statistics and its Applications. Prentice-Hall, Englewood Cliffs, New Jersey.

Course Grade: Grades are given on the basis of

1. Homework Assignments account for 30%,
 2. Midterm, 20%
- and
2. A Final Exam, 50%.

Course Outlines:

This course will cover basic statistic terminologies, probability theory, conditional probability and independence, distribution functions, probability density functions, transformations and expectations of random variables, special distributions and estimation.