Department of Mathematics
Pomona College

Math 151. Probability   Spring 2020

Course Outline

Time and Place: MWF 9:00 am – 9:50 am   Millikan 1051

Instructor: Dr. Adolfo J. Rumbos

Office: Millikan 2287

Phone/e-mail: ext. 18713 / arumbos@pomona.edu

Office Hours: TR 9:00 am – 10:00 am, or by appointment

Text: *Probability and Statistics,*
by Morris H. DeGroot and Mark J. Schervish, Adison Wesley

Course Website: **http://pages.pomona.edu/~ajr04747/**

Prerequisites: Multivariable Calculus or Vector Calculus, and Linear Algebra.

Course Description.   This course is an introduction to the theory and applications of Probability; special attention will be given to applications relevant to statistical inference. A solid knowledge of multivariable calculus and linear algebra will be assumed. The course topics are listed in the attached tentative schedule of lectures and examinations.

Assigned Readings and Problems.   Readings and problem sets will be assigned at every lecture and collected on an alternate basis. Students are strongly encouraged to work on every assigned problem. **Late homework assignments will not be graded**.

Grading Policy.   Grades will be based on the homework, three 50-minute examinations, plus a comprehensive final examination. The overall score will be computed as follows:

homework	20%
three 50-minute exams	50%
final examination	30%

Final Examination.
Time: Friday, May 15, 2020   9:00 am – 12:00 pm.
Place: Millikan 1051