Math 5010: Introduction to Probability Models
University of Utah – Fall 2014

Course Section: Math 5010-001 (crosslisted with Math 6805-001)
Meetings: Monday - Wednesday - Friday 9:40 - 10:30 AM, LCB 215

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Office Hours: 11:00 – 12:00 Wednesday and Friday, or by appointment
Homepage: www.math.utah.edu/~alberts/fall14/5010/

Textbook: Custom Lecture Notes created by Professors Khoshnevisan and Rassoul-Agha
www.math.utah.edu/~alberts/fall14/5010/Lectures.pdf

Other Books: Basic Probability Theory by Robert Ash
www.math.uiuc.edu/~r-ash/BPT.html
Probability and Random Variables: A Beginner’s Guide by D. Stirzaker

Homework

There is no graded homework. Instead there are weekly in class quizzes. Each quiz will be 1-2 questions and take 5-10 minutes. Quiz problems will be very similar to the exercises in the lecture notes, for which there are solutions in the back.

I strongly recommend you go over the exercises at the end of each lecture. If you do that you will ace the quizzes. Exams will also be based on the questions from the lecture notes and the quizzes, so spend a lot of time on them understanding them. If you have questions about specific problems from the lecture notes come see me during my office hours.

Grading Scheme

Quizzes: 25%
Midterm 1: 20%
Midterm 2: 20%
Final: 35%

All quizzes will be assigned equal weight, except for your worst two which will be dropped. Because of this there is no make-up provisions for missed quizzes.

No make-up exams will be allowed, except in the case of emergencies which can be documented. If, because of scheduling conflicts, you absolutely cannot make one of the midterms you must let me know a week beforehand.
**Important Dates**

First class: Monday, August 25th  
Midterm 1: Monday, October 6th (subject to change)  
Midterm 2: Monday, November 17th (subject to change)  
Last Class: Friday, December 12th  
Final Exam: Thursday, December 18th

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**ADA Statement**

The University of Utah is fully committed to policies of nondiscrimination and equal opportunity. The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic learning, and psychiatric disabilities, and the University seeks to provide equal access to its programs, services, and activities for people with disabilities. Reasonable prior notice is necessary to arrange such accommodations, and students are responsible for obtaining the accommodations and notifying the instructor through official channels early in the semester.