**Fall 2011 - Stat 600**  
**Probability Theory I**

**Instructor:** Sandra Cerrai  
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**Office Hours:** Tu 3:30-4:30, Th 12:30-1:30.  
**Classes:** Tu-Th 11:00-12:15.  
**Location:** EGR 0108.


**Homework policy:** Homework will be assigned, collected by the instructor and graded. There will be approximately ten homeworks assigned during the semester of which the best eight will count towards the grade. The homework consists of some problems from the textbook or assigned by the instructor in class.

**Grading policy:** The homeworks will contribute for 20% to the final grade. There will one midterm and it will contribute for 30% to the final grade. The final exam will contribute for 50% to the final grade.

**Attendance policy:** The students are responsible for all the material covered in the class. If a student misses an exam due to circumstances beyond the students’ control, the student must supply appropriate documentation in which case special arrangements will be made.

**Other:** You should be familiar with the University’s policies on Academic Integrity, including the Honor Pledge. In particular, you should work on the problems on your own.
If your religion dictates that you cannot take an exam or hand in assigned work on a particular date, then contact me at the beginning of the semester to discuss alternatives. You are responsible for making these arrangements at the beginning of the semester.

If you have some disability related to testing under the usual timed, in-class conditions, you may contact the office of Disabled Students Services (DSS). If they assess you as meriting private conditions and/or extra time, then you may arrange to take your tests at DSS, with extra time as they indicate. You must arrange this well in advance of a test.

**Dates:**

- Midterm, October 27,
- Final, December 15.

- Homework 1. - Chapter 1, Problems 2, 3, 4, 6, 7, 12, 14 (due on 09/15/11)
- Homework 2. - Chapter 1, Problems 9, 10, 11, 15 (due on 09/22/11)
- Homework 3. - Chapter 2, Problems 4, 5, 6, 8, 9, Chapter 3, Problems 1, 3 (due on 10/06/11)
- Homework 4. - Chapter 3, Problems 5, 6, 7, 8, 9, 10, 11 (due on 10/20/11)
- Homework 5. - Chapter 4, Problems 2, 3, 7, 11, 12, 13, 14 (due on 11/1/11)
- Homework 6. - Chapter 5, Problems 3, 6, 8, 9, 10, 13 (due on 11/10/11)
- Homework 7. - Chapter 7, Problems 6, 7, 8, 9, 10 (due on 11/22/11)
- Homework 8. - Chapter 8, Problems 6, 7, 9, 11 (due on 11/29/11)