

## **Spring 2012 MA 320 Syllabus:**

### **Introduction to Probability**

**Instructor:** Adib Bagh

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**Office Hours:** 12:15 -1:30 Monday and Tuesday and by appointment.

#### **Text:**

1- Required: Introduction to Probability by Grinstead and Snell. The book is available for free online at Introduction to Probability

**[http://www.dartmouth.edu/~chance/teaching\\_aids/books\\_articles/probability\\_book/book.html](http://www.dartmouth.edu/~chance/teaching_aids/books_articles/probability_book/book.html)**

2-Recommended: Introduction to Probability by Bertsekas and Tsitsiklis, second edition.

3- Additional reading: <http://chance.amstat.org/>

**Topics:** We will cover chapters 1 through 9 in the required text (approximately chapters 1-7 in the recommended text)

**Grading:** Your grade for the course will be based on homework, two midterms, and a final. The graded part of the HW will be 10% of your grade, and each of the remaining components will count 30% of your grade.

**Homework:** The graded homework problems are online at WebWork <http://webwork2.ms.uky.edu/webwork2/>. Select the Probability course and login with your student ID number. There will more hw problems assigned from the text but these problems will not be collected.

**Important dates:** Midterm1 (tentative): 2/17 Midterm2 (tentative):3/30 Final:5/4