

# Math 425: Introduction to Probability

Section 001, MWF 9:10, 427 Dennison

Dr. Kristen Moore

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## Text

*A First Course in Probability*, Sixth Edition, Sheldon Ross

ISBN: 0-13-033851-6

## Office Hours

Wednesday 1:30-4:30

**Prerequisite:** Math 215

## Grading Policy and Important Dates

- I will assign homework problems in class (and on the course webpage) regularly; I will not collect homework.
- We will have 5 quizzes based on the homework problems. I do not give make up quizzes, but I will drop your lowest quiz grade. **The quiz dates are 1/23/04, 2/6/04, 3/5/04, 3/19/04, and 4/9/04.**
- **We will have two midterm exams on Friday, 2/13/04 and Friday, 3/26/04.** I do not give makeup exams.
- Our final exam is cumulative. It will be at the time scheduled by the registrar: **Thursday, 4/29/04 at 4:00PM.**
- Your final grade will be determined according to the following weights:

Quiz Total	20%
First Exam	20%
Second Exam	20%
Final Exam	40%

Please note that this grading policy is **tentative**.

## Syllabus

I plan to cover Chapters 1-7 and part of Chapter 8 of the text; a **tentative** course schedule appears on the next page. *I expect that our actual progress through the text will deviate somewhat from this schedule.* In particular, I plan to spend less time on some of the scheduled topics so that we can spend additional time on 4.8.1-4.8.2, 5.6.1, 5.7, 7.4, and 7.6. If you miss a lecture, you should be sure to get the notes from a classmate.

## Course Website

You can visit the course website by logging in at the gateway URL <https://coursetools.ummu.umich.edu/mycourses>. If you are registered for Math 425, you should see a link to the course webpage. I will post announcements, homework assignments, messages, and other course resources on the course webpage regularly. If you have trouble accessing the webpage, please send me an e-mail.

## Student Survey

Please complete the online student survey at <http://instruct.math.lsa.umich.edu/>; I will add a few points to your midterm score if you do.

## Tentative Schedule for Math 425-001

I expect our progress through the text to deviate somewhat from this schedule!

M	W	F
	1/7/04	1/9/04
	1.1 – 1.3	1.4
1/12/04	1/14/04	1/16/04
1.5-1.6	2.1 – 2.2	2.3 – 2.4
1/19/04	1/21/04	1/23/04
<b>MLK – no class</b>	2.5	2.5
		<b>Quiz 1</b>
1/26/04	1/28/04	1/30/04
3.1 – 3.2	3.3	3.4
2/2/04	2/4/04	2/6/04
3.4	3.5	4.1
		<b>Quiz 2</b>
2/9/04	2/11/04	2/13/04
4.2, 4.9	4.3 – 4.5	<b>Exam 1</b>
2/16/04	2/18/04	2/20/04
4.6	4.6	4.7, 9.1
2/23/04	2/25/04	2/27/04
<b>Spring Break – no class</b>	<b>Spring Break – no class</b>	<b>Spring Break – no class</b>
3/1/04	3/3/04	3/5/04
5.1 – 5.2	5.3	5.4
		<b>Quiz 3</b>
3/8/04	3/10/04	3/12/04
5.4.1	5.5	5.7
3/15/04	3/17/04	3/19/04
6.1	6.1	6.2; LS&A Late Drop Deadline
		<b>Quiz 4</b>
3/22/04	3/24/04	3/26/04
6.3	6.4 – 6.5	<b>Exam 2</b>
3/29/04	3/31/04	4/2/04
6.7	7.1 – 7.2	7.2
4/5/04	4/7/04	4/9/04
7.3	7.3	7.4
Passover – 4/6/04		<b>Quiz 5</b>
4/12/04	4/14/04	4/16/04
8.2	8.2	8.3
Easter – 4/11/04		
4/19/04	4/21/04	4/23/04
8.3, 10.2.1	Catch up, Q&A, evals.	
4/26/04	4/28/04	4/30/04
	<b>423-001 Final: 4/28 1:30-3:30</b>	
	<b>425-001 Final: 4/29 4:00-6:00</b>	