

Math/Stat 425: Introduction to Probability

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Office Hours: MF 11:00-12:00 (in East Hall 3826), W 11:00-12:00 (in East Hall B860), and by appointment.

Textbook: S. Ross, *A First Course in Probability*, 6th edition, Prentice-Hall, 2002.

Course Web Site: <http://www.math.lsa.umich.edu/gorodnik/425/>

Course Requirements: There will be two one-hour exams and a comprehensive final exam. The exams are closed book/notebook. You will be allowed to use one 3-by-5 index card.

Exam 1	Friday, February 6	10-11am
Exam 2	Monday, March 15	10-11am
Final Exam	Tuesday, April 27	4-6pm

Homework assignments will be collected weekly.

First Homework: Ch. 1, #4,9,15,20,22,28,31; due Jan. 14.

Grading: Each Midterm – 20%, Homework – 20%, Final – 40%.

Tentative Syllabus:

1/05-1/09	Introduction, Sec. 1.1-1.4
1/12-1/16	Sec. 1.5-1.6, 2.1-2.4
1/19	Martin Luther King Day
1/21-1/23	Sec. 2.5, 3.1,3.2
1/26-1/30	Sec. 3.3-3.5
2/02-2/04	Sec. 3.5, 4.1
2/06	<i>Exam 1:</i> Ch. 1-3
2/09-2/13	Sec. 4.2-4.6
2/16-2/20	Sec. 4.7-4.9
2/23-2/27	Spring Break
3/01-3/05	Sec. 5.1-5.4
3/08-3/12	Sec. 5.5-5.7, Sec. 6.1
3/15	<i>Exam 2:</i> Ch. 4-5
3/17-3/19	Sec. 6.2-6.3
3/22-3/26	Sec. 6.4-6.6
3/29-4/2	Sec. 6.7, 7.1-7.2
4/05-4/09	Sec. 7.3-7.5
4/12-4/16	Sec. 7.7, 8.1-8.3
4/19-4/21	Sec. 8.4, Review