MATH 111
INTRODUCTION TO PROBABILITY
FALL 2012

Instructor: _____

Office: _____

Phone: _____

E-mail: _____

Office Hours: _____

Course Chair: Dr. William Schildknecht
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Textbook: MATH 111 Introduction to Probabability by S.T. Tan
Printed by Thomson Learning - Custom Publishing.

Prerequisites: Math 003, Math 110, or satisfactory score on the placement exam.

Objectives: The course gives an introduction to some of the basic principles of counting, probability theory, random variables, conditional probability, normal and binomial distributions, law of large numbers, confidence intervals, and the central limit theorem.

Grading:

Homework/Quizzes	100 points
Exam # 1 (6.1-7.1)	100 points
Exam # 2 (7.2-8.2)	100 points
Exam # 3 (8.3-8.6)	100 points
Cumulative Final Exam	**200 points**
TOTAL	**600 points**

Scale:

A	**90-100%**	**(540-600 points)**
B	**80-89%**	**(480-539 points)**
C	**70-79%**	**(420-479 points)**
D	**60-69%**	**(360-419 points)**

Make-ups: University rules require make-up exams to be given only in the event of illness, religious observance, or participation in University activities. This rule will be strictly enforced. Written documentation must be provided before you will be permitted to take a make-up exam. In the event of illness, you must bring a note from a physician stating that "you were too ill to attend class that day''. (A note showing you were at the Student Health Services is not enough.) For absences that could have been foreseen (e.g., Religious observation, jury duty), you must inform your instructor prior to the exam in order to take a make-up. For any participation in a University activity, you must have a note from the coach or advisor stating that you will not be able to attend class. Talk to your instructor first.

In order to be successful in Introduction to Probability you must regularly attend class and attempt to work on all homework problems. It is very important to allow yourself at least 2 to 3 hours per class going over notes, reading the textbook, working on textbook examples, and working on homework problems. Please try not to fall behind. It is very difficult to catch up on the material.

Tutoring: Tutoring is available in MATH Building 0301. A schedule will be posted on the door of room 0301 and will also be available in the Undergraduate Math Office room 1117. Also the schedule is: www.math.umd.edu/undergraduate/resources

Review: There will be a late afternoon review session prior to each of the exams. The review sessions will be conducted by a MATH 111 instructor. The dates and times will be announced, and the will also be posted in the hallways of the MATH building.

LAS: Learning Assistance Service is available to provide information on:
*How to Study for MATH 111 Booklet
*Reducing Math Anxiety *Studying and Test Talking Skills
*Thinking about, processing, and learning mathematics
Located in Shoemaker Building 2202 phone: (301) 314-7693

Disabilities: **Anyone with a diagnosed disability, please see your instructor after class. You need to be registered at DSS and provide exam forms 3 to 5 days prior to each exam and final.**

MATH 111 Fall 2012

Lecture-Homework-Examination Schedule

Date		Section	Exercises
Wed	Aug. 29	6.1	1,3,5,7,9,11,13,17,21,25,27,29,31,33,37 41,45,47,51
Fri	Aug. 31	6.2	3,5,7,9,11,13,15,19
Mon	**Sept. 3**	**LABOR DAY HOLIDAY**	
Wed	Sept. 5	6.2	21,23,25,27,29,35,37
Fri	Sept. 7	6.3	1,3,5,9,11,14
Mon	Sept. 10	6.3	15,17,19,21,23
Wed	Sept. 12	6.4	1,3,5,7,11,15,19,23
Fri	Sept. 14	6.4	27,31,35,37,39,45,49,53
Mon	Sept. 17	6.4	57,60,63,67
Wed	Sept. 19	7.1	1,5,7,10,13,17,23,27,29,35
Fri	**Sept. 21**	**Review for Exam 1**	
Mon	**Sept. 24**	**Exam 1**	
Wed	Sept. 26	7.2	1,3,5,9,11,23,31,33,37
Fri	Sept. 28	7.3	1,7,13,15,21,25,27,33
Mon	Oct. 1	7.4	1,3,5,9,13,17,19,23,27
Wed	Oct. 3	7.5	1,3,5,7,9,11,17
Fri	Oct. 5	7.5	19,21,27,29
Mon	Oct. 8	7.5	35,39,41
Wed	Oct. 10	7.6	1,3,5,7,9,11
Fri	Oct. 12	7.6	15,17,21,27,31
Mon	Oct. 15	7.6	33,37 Handout

Wed	Oct. 17	8.1	1,3,5,9,11,13,15
Fri	Oct. 19	8.1	16,19,24
Mon	Oct. 22	8.2	1,3,5,11,13
Wed	Oct. 24	8.2	15,19,22,25,39
Fri	**Oct. 26**	**Review for Exam 2**	
Mon	**Oct. 29**	**Exam 2**	
Wed	Oct. 31	8.3	1,3,5,7,11,13
Fri	Nov. 2	8.3	19,27,30,33
Mon	Nov. 5	8.4	1,3,5,7,9
Wed	Nov. 7	8.4	11,13,15,17,21
Fri	Nov. 9	8.4	23,25,29,33,35
Mon	Nov. 12	Appendix E pp. 11-14	1,5,6,7
Wed	Nov. 14	8.5	1,3,5,7
Fri	Nov. 16	8.5	9,11,13,15
Mon	Nov. 19	8.5	17,19,20
Wed	Nov. 21	8.6	1,3,5,7
Fri	**Nov. 23**	**THANKSGIVING HOLIDAY**	
Mon	Nov. 26	8.6	9,11,13,15,17,19,21
Wed	**Nov. 28**	**Review for Exam 3**	
Fri	**Nov. 30**	**Exam 3**	
Mon	Dec. 3	Appendix E pp. 15-19	
Wed	Dec. 5	Appendix E	1,3,5
Fri	**Dec. 7**	**Review**	
Mon	**Dec. 10**	**Review**	

Final Examination Thursday, Dec. 13, 2012 1:30-3:30 P.M.

Exact location for final will be announced when it is known.