

MATH 2130 - PROBABILITY AND STATISTICS

Olin College Spring 2010

Tue/Fri 8 am – 9:50 am, Crescent
Room of the CC

Edward J Soares, MH Library, Office
Hrs Tue/Fri 10-11am and by appt.

Course Assistants: Meryl Stark and
Meghan Murray

CA Help Hours: EH1 Monday 9-10 pm (Meghan) and Thursday 7-8 pm (Meryl)

CHECK THIS CALENDAR OFTEN - CONTENTS ARE SUBJECT TO CHANGE!

Class	Date	Day	Topics Covered	Associated Reading	Pre-class problems	Post-class Problems	Due Date	Major Dates
1	1-19	Tue	Descriptive Statistics	Intro, 3.1	----	3.1 1,4	1-22	
2	1-22	Fri	Basics, Enumeration	1.1,1.2	1.1 2,4,6 1.2 2,6,8	1.1 3,9,11 1.2 3,9,11	1-26	
3	1-26	Tue	Conditional Prob., Independence	1.3,1.4	1.3 2,4,6 1.4 2,4	1.3 5,7,13 1.4 5,7,11	1-29	
4	1-29	Fri	Bayes Rule, Discrete Prob. Dists.	1.5,2.1	1.5 2,4,6 2.1 2,6	1.5 5,7,9 2.1 5,9,11ab	2-2	Quiz 1 on days 1-3
5	2-2	Tue	Expectation, Discrete Prob. Dists.	2.2,2.3	2.2 2,8 2.3 2,8,12	2.2 1,3,7 2.3 9,11,17, 19	2-5	
6	2-5	Fri	Estimation, Linear Functions of RVs	2.4,2.5	2.4 2,4 2.5 2,4	2.4 3,5 2.5 5,7,9	2-9	
7	2-9	Tue	Continuous Prob. Dists.	3.2,3.3	3.2 2,6 3.3 2,4,6	3.2 3,7,11 3.3 1,7,9	2-12	
8	2-12	Fri	Normal Dist., Estimation	3.4,3.5	3.4 2,4,10 3.5 2,6	3.4 1,3,9,11 3.5 5,7	2-19	Quiz 2 on days 4-7
9	2-16	Tue	Olin Monday – No Class					
10	2-19	Fri	Central Limit Theorem, Normal Approx.	3.6,3.7	3.6 4,6,10 3.7 2,6,8	3.6 11,13 3.7 3,9,11	2-23	
11	2-23	Tue	Statistics, Confidence Intervals	4.1,4.2	4.1 2,4,6 4.2 2,8,12	4.1 3,5,7abc 4.2 3,9,11, 13ac	2-26	
12	2-26	Fri	CIs and Hypothesis Tests	4.3,4.4	4.3 2,4,6 4.4 2,4	4.3 1,3,5 4.4 5,7	3-2	Quiz 3 on days 8-11
13	3-2	Tue	Tests Concerning One and Two Parameters	4.4,4.5	4.4 6,10 4.5 2, 4abce, 6ab	4.4 9,11 4.5 3abce,5,7	3-5	
14	3-5	Fri	Review	----	----	----	----	
15	3-9	Tue	In-Class Final exam (Comprehensive & days 12-13)					