

February 5, 2019							
Math 186 — Applied Statistics							
Schedule — Spring 2019							
Week	Lect	Date	Section(s)	Topic	Homework Assigned	Read	Turn in
Week I	1	1/28	Chap 1	Chapter 1	Read the course syllabus, Chap 1, pp 9-13: 3, 7, 9, 11, 13, 17	§1.1-3, 2.1-3	
	2	1/30	§2.1-4	Syllabus, Types of Vars, Distributions		§2.4-7	
	3	2/1	Lab 1	Intro to R	1st WebWork, Orientation		
Week II	4	2/4	§2.5-7	Describing distributions		§3.1-3	Lab 1 due
	5	2/6	§3.1-3	Scatterplots & Regression		§3.4-5	Week I HW
	6	2/8	Lab 2	Regression in R	2nd WebWork, Chapter 2		WW 1 due
Week III	7	2/11	§3.4-5, 4.1-2	Regression/Risk		§4.1-4	Lab 2 due
	8	2/13	§4.3-4	Simpson's Paradox/Chi-square test		§5.1,2,5,6	Week II HW
	9	2/15	Lab 3	Chi-square in R	3rd WebWork, Empirical Rule/Regression		WW 2 due
Week IV	10	2/18	§5.2, 5	Sampling and its importance		§6.1-4	Lab 3 due
	11	2/20	§6.4	Good and bad Statistical Studies			Wk III HW
	12	2/22		Review			WW 3 due
Week V	13	2/25		Exam 1 covers through Chap 6		§7.1-4	Wk IV HW
	14	2/27	§7.3-4	Probability Rules			
	15	3/1	Lab 4	Probability in R	4th WebWork, Surveys & Samples	§7.5-7	
Week VI	16	3/4	§7.6	Bayes Rule and Risks		§8.1-4	Lab 4 due
	17	3/6	§8.3-4	Expected Value and Binomial RVs		§8.5-6	Wk V HW
	18	3/8	Lab 5	Random Variables in R	5th WebWork, Probability 1		WW 4 due
Week VII	19	3/11	§8.5-6	Probability for Normal RVs		§8.7-8	Lab 5
	20	3/13	§8.7-8	Binomial Normal Approx		§9.1-3	Wk VI HW
	21	3/15	Lab 6	Normal RVs in R	6th Web Work, Probability 2		WW 5 due

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