

Week	Date	Section	Topic	Homework		
1 2 3	1/18	10.1, 10.2	POINT ESTIMATORS	Unbiasedness	1-13	
	20	10.3		Efficiency	16, 21-28, 30, 31	
	23	10.3		Cramer-Rao Inequality	14, 15, 17-20	
	25	10.4		Consistency	36-44	
	27			Quiz #1		
	30	10.7		Method of Moments	53-56, 58-61	
	2/1	10.8		Maximal Likelihood	62-71, 73-75	
	3			Review / Take-Home Test #1 (due 2/6)		
	6	8.4		CONFIDENCE INTERVALS	χ^2 Distributions	worksheet #1
	8	8.5			t Distributions	worksheet #2
10	8.6	F Distributions	worksheet #3			
13		Quiz #2				
15	11.1, 11.2	One Mean	1-6, 13, 21			
17	11.3	Two Means	worksheet #4			
20	11.4, 11.5	One and Two Proportions	29-34, 39, 46			
22	11.6, 11.7	One and Two Variances	worksheet #5			
24		Review / Take-Home Test #2 (due 2/27)				
27	12.1, 12.2	HYPOTHESIS TESTS	Hypothesis Testing		3, 5-8, 17-22	
3/1	12.6		Likelihood Ratio Tests	31-37		
3	13.2, 13.3		One or Two Means	1, 2, 4, 6, 7, 11, 14, 18, 20, 23, 31		
			Spring Break			
13	13.4		One or Two Variances	34-36, 43		
15	13.5		One or Two Proportions	49, 50, 58, 67		
17			Quiz #3			
20	13.6, 13.7		Contingency Tables	45, 48, 68, 70, 72, 74, 77		
22	13.8		Goodness of Fit	80-83		
24			Review / Take-Home Test #3 (due 3/27)			
10 11 12	27	14.1, 14.2	REGRESSION	Regression	1-6, 10-12	
	29	14.3		Method of Least Squares	13-16	
	31	14.4		Regression Analysis	25-28, 30, 37, 41	
	4/3			Quiz #4		
	5	14.5		Correlation Analysis	48, 49, 51, 53	
	7	14.6		Multiple Regression	worksheet #6	
	10			Nonlinear Regression	worksheet #7	
	12			Review / Take-Home Test #4 (due 4/17)		
14		Good Friday				
13 14 15	17	16.1, 16.3	NON-PARAMETRIC AND ANOVA	Signed Rank Test	2-4, 18	
	19	16.4, 16.5		U Test and H Test	20-24, 26, 34	
	21	16.7		Rank Correlation Test	53-55, 58	
	24			Quiz #5		
	26	15.2		One-Way ANOVA	1-7	
	28	15.4		Two-Way ANOVA	14-19	
5/1	15.6	Multiple Comparisons	31, 32			
3		Review / Take-Home Test #5 (due 5/5 noon)				
5/6 (Sat 5-7 pm)			Final Exam			