Week	Content	Sections	Homework Assignment
Week 1 Jan 10	Preliminary + Functions of R.V.	preliminary + 5.1 + 5.2	
Week 2 Jan 17	Multiple Independent R.V.s + M.G.F.	5.3 + 5.4	HW1 Chap 5: 1-5, 1-15, 2-1, 2-5, 2-6, 3-4, 3-11 due on Jan 28
Week 3 Jan 24	Normal Approximations + C.L.T. + E.D.A.	5.5~5.5	HW2 Chap 5: 4-4, 4-5, 4-14, 5-7, 6-2, 6-7 due on Feb 4
Week 4 Jan 31	Point estimation, M.L.E., method of moments	5.6 + 6.4	HW 3 Chap 6: 4-3, 4-9, 4-13; Chap 7: 1-3, 1-7, 1-11 due on Feb 11
Week 5 Feb 7	Confidence intervals for means	7.1 + 7.2	
Week 6 Feb 14	Confidence intervals for proportions + Review	7.3 + review	HW 4 Chap 7: 2-3, 2-6 (a,c), 2-9, 2-11, 3-3 (a, b), 3-5, 3-9 due on Feb 25
Week 7 Feb 21	Regression + Midterm 1 (in class)	6.5 + Midterm 1 (Feb 22)	Midterm 1 (50 minutes) covering HW1~HW3
Week 8 Feb 28	Sample Size + More on Regression	7.4 + 7.6	HW5 Chap 7: 4-3, 4-7, 4-8; Chap 6: 5-3, 5-5 due on March 18
Week 9 Mar 7	No class during Spring break		
Week 10 Mar 14	Testing for proportions	8.3	HW6 Chap 7: 6-3, 6-7; Chap 8: 3-1, 3-3, 3-7, 3-11 due on March 25
Week 11 Mar 21	Hypothesis testing for means	8.1 + 8.2	HW7 Chap 8: 1-1, 1-3, 1-6, 2-3, 2-5, 2-9 due on April 1
Week 12 Mar 28	ANOVA + Review	9.3 + 8.4	HW8 Chap 9: 3-1, 3-15 (a); Chap 8: 4-3, 4-7, 4-15 due on April 15
Week 13 April 4	Nonparametric + Midterm 2 (in class)	Midterm 2 (April 5)	Midterm 2 (50 minutes) covering Week 6 ~ Week 11
Week 14 April 11	Wilcoxon Test + Goodness of Fit Test	8.4 + 9.1	
Week 15 April 18	Goodness of Fit Test + Contingency table	9.2	HW9 Chap 9: 1-3, 1-7, 2-3, 2-9 due on April 29
Week 16 April 25	Final review	review	
Final Exams		May 4, 6:50PM - 8:40PM	Canvas Exam 90 minutes