

Name: _____

Class Time: 1:00 PM 4:00 PM

Assignment #10
STAT 1221/2220
Due: April 18, 2019

When you turn in your homework, staple this sheet on top followed by your written solutions and then any Minitab output (if any) at the back.

Do all problems in the order shown below and clearly label where each problem begins and ends. Show all work for each problem. If you use Minitab, provide the output, label the problem, and annotate or summarize in your written solution which results from the output were used.

Chapter	Problem	Comments	Points Possible	Points Earned
17	9a	Show all calculations for the sums of squares	6	
17	9b		2	
17	9c	On top of using Tukey-Kramer, use the Bonferroni technique. Attach any Minitab output that you used to generate these intervals.	8	
		Calculate a Scheffé confidence interval testing if the average of Strains A and B is significantly different than the average of Strains C and D.	2	
		Compare the three multiple comparisons procedures from Chapter 17, Problem 9c	2	
22	1a		2	
22	1b		1	
22	1c		2	
22	1d		3	
		Using the outputs from Chapter 22, Problem 1, calculate and interpret a confidence interval for the slope of smoking status.	3	
			31	