ASSIGNMENT SHEET

Class A.P. Statistics Name_____

Quiz/Notebook Due Dates: Fri 2/1, Thurs 2/7, Wed 2/13 Unit # 8 Period_____

Unit Title: Estimating With Confidence

Date Assigned	Lesson Number	MAIN IDEAS (Topics & Learning Targets)	In-class points (preparedness, WU, Notes, active learning)	ASSIGNMENT (Practice problems)	Assignment points (complete, work shown)
Tues 1/29	8.1a	**Confidence Intervals: The Basics** • Interpret a confidence level. • Interpret a confidence interval in context. • Understand that a confidence interval gives a range of plausible values for the parameter. • Understand why each of the three inference conditions—Random, Normal, and Independent—is important. • Explain how practical issues like nonresponse, undercoverage, and response bias can affect the interpretation of a confidence interval.		8.1a #1, 4-5, 7, 9-11, 13, 21, 23, 25	
Wed 1/30	8.1b			8.1b #15, 17-20, 22, 24, 26	
Thurs 1/31	8.2a	**Estimating a Population Proportion** • Construct and interpret a confidence interval for a population proportion. • Determine critical values for calculating a confidence interval using a table or your calculator.		Review R8.1-3, 10 (p. 522) T8.1, 6-7, 9-10 (p. 524) + write weekly summary	
Fri 2/1	Quiz 8.1	What am I good at this week? What do I still need to work on? Goal(s) for next week:	Weekly summary	8.2a #28-29, 31-32, 34, 49-50	Points on the next page...

Date Assigned	Lesson Number	MAIN IDEAS (Topics & Learning Targets)	In-class points (preparedness, WU, Notes, active learning)	ASSIGNMENT (Practice problems)	Assignment points (complete, work shown)
Fri 2/1	8.2a	**Estimating a Population Proportion** • Construct and interpret a confidence interval for a population proportion. • Determine critical values for calculating a confidence interval using a table or your calculator. • Determine the sample size required to obtain a level *C* confidence interval for a population proportion with a specified margin of error. • Understand how the margin of error of a confidence interval changes with the sample size and the level of confidence *C*. • Carry out the steps in constructing a confidence interval for a population proportion. • Understand why each of the three inference conditions—Random, Normal, and Independent—is important.	~~Points on the previous page...~~	8.2a #28-29, 31-32, 34, 49-50 Repeated from front page... don't do it twice!	
Mon 2/4	8.2b			8.2b #43, 46-47, 51, 53	
Tues 2/5	8.2c			8.2c #35, 37, 40-41, 54	
Wed 2/6	8.3a	**Estimating a Population Mean** • Construct and interpret a confidence interval for a population mean. • Determine the sample size required to obtain a level *C* confidence interval for a population mean with a specified margin of error.		Review R8.4, 6-7 (p. 523) T8.1, 4, 8, 11 (p. 524) + write weekly summary	
Thurs 2/7	Quiz	What am I good at this week? What do I still need to work on? Goal(s) for next week:	Weekly summary	8.3a #55-62, 75-76	
Fri 2/8	8.3b	**Estimating a Population Mean** • Construct and interpret a confidence interval for a population mean. • Determine the sample size required to obtain a level *C* confidence interval for a population mean with a specified margin of error. • Carry out the steps in constructing a confidence interval for a population mean. • Understand why each of the three inference conditions—Random, Normal, and Independent—is important.		8.3b #64-66, 68, 77, 79	
Mon 2/11	8.3c			8.3c #69, 72-74, 78, 80	
Tues 2/12	Review	What am I good at this week? What do I still need to work on?		Review R8.5, 8-9 (p. 523) T8.2-3, 5, 12-13 (p. 524) + write weekly summary	
Wed 2/13	Quiz	Goal(s) for next week:	Weekly summary	WS: Chapter 8 Wrap-Up	~~Points on the next gold sheet...~~