2013-2014 AP Statistics Assigments

Chapter	Day	Topics	Objectives: Students will be able to…	Homework	Reading	5/6O	1/2B
10	0	10.1 The Sampling Distribution of a Difference Between Two Proportions	• Describe the characteristics of the sampling distribution of Difference Between Two Proportions • Calculate probabilities using the sampling distribution of Difference Between Two Proportions		Section 10.1 Read and take notes	18-Mar	19-Mar
10	1	10.1 Confidence Intervals for $p_1 - p_2$	• Determine whether the conditions for performing inference are met. • Construct and interpret a confidence interval to compare two proportions.	1, 3, 5, 7, 9, 11, 13 **Complete/ Grade FRQ 2009bQ3**		20-Mar	21-Mar
10	2	10.1 Significance Tests for $p_1 - p_2$	• Perform a significance test to compare two proportions. • Interpret the results of inference procedures in a randomized experiment.	15, 17, 21, 23	Section 10.2	24-Mar	25-Mar
10	3	10.2 The Sampling Distribution of a Difference Between Two Means 10.2 The Two-Sample t-Statistic, Confidence Intervals for µ1-µ2	• Describe the characteristics of the sampling distribution of Difference Between Two Means • Calculate probabilities using the sampling distribution of Difference Between Two Means • Determine conditions • to compare two means based on summary statistics. • compare two means from raw data. • computer output for two-sample t procedures.	**ALL 10.2 HW due day of Test** 35, 37, 51, 53, 57, 59, 65 39, 41, 43, 45 **Complete/ Grade FRQ's 2004bQ4 2006Q4 2007bQ5**		26-Mar (1/2 day)	27-Mar
10	4	10.2 Significance Tests for µ1- µ2 **Chapter 10 Review (time permitting)** *Activity: FRAPPY's and MC in class*	• Perform a significance test to compare two means. • Check conditions for using two-sample t procedures in a randomized experiment. • Interpret the results of inference procedures in a randomized experiment. • Determine the proper inference procedure to use in a given setting.			28-Mar	31-Mar
10	5	**Chapter 10 Quiz (1/2 Test Grade)** **Bonus (8pts 25 minutes) - Question 6 Investigation Problem from chapters 9 and/or 10**			Section 11.1 Read and take notes	1-Apr	2-Apr

Updated 3/18/2014