

AP STATISTICS

1st SIX WEEKS SYLLABUS

2015 - 2016

*Subject to change at teacher's discretion. Check website for current information.

Last updated: 8/17/2015

Date	Text	Topic(s)	#	Assignment (due the FOLLOWING block)
Tu-W 8/25-26	Intro Ch 11	Welcome Randomness	1	Worksheet: Probability Simulations (2 simulations) Read Chapter 12 (p. 270-272), also read Chapter 1
Th-F 8/27-28	Ch 12	Sampling Jelly Blubbers	2	Worksheet: Sampling Procedures Practice
M-Tu 8/31-9/1	Ch 12	Sampling Sources of Bias	3	Ch 12 #1a-e, 4a-e, 11, 23, 26, 28 (for part e, use line 24 on page A-77)
W-Th 9/2-3	Ch 12	Sampling, Sources of Bias	4	Ch 12 #13, 14, 18, 27, 31, 32
F-Tu 9/4-8 Labor Day Weekend!		Group Quiz Chapters 11 - 12	5	Chapter 11 - 12 Review Worksheet ***Pick up your graded quizzes starting C-lunch on Tuesday!!!
W-Th 9/9-10	Ch 13	Test Chapters 11 - 12 (70 min) Experimental Design (10 min)	6	First read p. 293-295, then... Ch 13 #1, 4, 11, 18* (skip f,g,h for each question) *number 18 is tricky but do your best!
F-M 9/11-14	Ch 13	Experimental Design Design diagrams, blocking, confounding, placebos	7	Ch 13 #22, 23, 24, 25abc, 32, 38
Tu-W 9/15-16	Ch 3	Finish Experimental Design Polio vaccine study, matched pairs Categorical Data Marginal distributions, Independence, Segmented Bar Graphs	8	Ch 13 #40 Ch 3 #18 Worksheet: Graphs with Categorical Data Worksheet: Shampoo
Th-F 9/17-18	Ch 4	Quantitative Data Discrete vs continuous Dotplots, Histograms Describing Distributions (CUSS & BS) Worksheet: Features of Distributions (dotplots)	9	Ch 4 #3, 4, 5, 12, 14 Ch 3 #19, 26 (use a segmented bar graph for #26); Worksheet: Experimental Design (Protein Supplement/Treadmill Test)
M-Tu 9/21-22	Ch 4	Quantitative Data Stem & Leaf plots Challenger O-rings, Presidents Ages Ogives Worksheet #1	10	Ch 3 #24abcdg Ch 4 #7, 9, 18, 36 Ch 13 #36 ("Gas Mileage")
W-Th 9/23-24		Group Quiz Chapters 13, 3, 4	11	Chapter 13, 3, 4 Review Worksheet
F-M 9/25-28		Test Chapters 13, 3, 4	12	TBD
Tu-W 9/29-30	Ch 5	Boxplots (and burgers) Measures of center and spread	13	Ch 5 #4*, 6, 7, 10a, 12, 14, 16, 17 *on #4, you may use a calculator for basic arithmetic (just don't use "1-var stat" or a similar shortcut to get all of the answers)
Th-F 10/1-2	Ch 6	Standard Deviation and z-score Shifting and scaling Calculating z-scores	14	Ch 5 #10bc Ch 6 #1, 4, 5, 6, 8, 9, 11, 14, 16 Worksheet: Mooseburger vs. McTofu

LATE START DATE(S): SEPTEMBER 10

TUTORIALS: 8-9AM (EXCEPT LATE START DAYS), AND **UNTIL 5PM** (NOT FRIDAYS!)

*if possible, don't wait until the day before the test!

