

AP STATISTICS

1st SIX WEEKS SYLLABUS

2013 - 2014

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

Last updated: 9/18/2013

Date	Text	Topic(s)	#	Assignment (due the FOLLOWING block)
M-Tu 8/26-27	Intro Ch 11	Welcome Randomness	1	Worksheet: Probability Simulations (2 simulations) Read Chapter 12 (p. 270-272), also read Chapter 1
W-Th 8/28-29	Ch 12	Sampling Jelly Blubbers	2	Worksheet: Sampling Procedures Practice
F-Tu 8/30-9/3 Labor Day Weekend!	Ch 12	Sampling Sources of Bias Quiz Chapter 11	3	Ch 12 #1a-e, 4a-e, 11, 23, 26, 28 (for part e, use line 24 on page A-77)
W-Th 9/4-5	Ch 12	Sampling, Sources of Bias Worksheet: Dining Hall Surveys	4	Ch 12 #13, 14, 18, 27, 31, 32
F-M 9/6-9		Group Quiz Chapters 11 - 12	5	Chapter 11 - 12 Review Worksheet ***Pick up your graded quizzes starting C-lunch on Monday!!!
Tu-W 9/10-11	Ch 13	Test Chapters 11 - 12 (60 min) Experimental Design (20 min)	6	Ch 13 #1, 4, 11, 18* (skip f,g,h for each question) *number 18 is tricky but do your best!
Th-F 9/12-13	Ch 13	Experimental Design Design diagrams, blocking, confounding, placebos	7	Ch 13 #22, 23, 24, 25abc, 32, 38
M-Tu 9/16-17	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
W-Th 9/18-19	Ch 4	Quantitative Data Discrete vs continuous Dotplots, Histograms Describing Distributions (CUSS & BS) Quiz Chapter 13	9	Ch 4 #3, 4, 5, 12, 14 Ch 3 #19, 26 (use a segmented bar chart for #26); Worksheet: Experimental Design (Protein Supplement/Treadmill Test)
F-M 9/20-23	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") Ogives Worksheet #2
Tu-W 9/24-25		Group Quiz Chapters 13, 3, 4	11	Chapter 13, 3, 4 Review Worksheet
Th-F 9/26-27		Test Chapters 13, 3, 4	12	Worksheet: Real Estate Sales Worksheet: Features of Distributions (dotplots)
M-Tu 9/30-10/1	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)
W-Th 10/2-3	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

TUTORIALS: 8-9AM (NOT WEDNESDAYS), AND UNTIL 5PM (NOT FRIDAYS!)... AND ALSO EVERY 4TH PERIOD.

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

