

August

2009

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
						1
2	3	4	5 <i>NO SCHOOL/ TEACHER INSERVICE</i>	6 <i>NO SCHOOL/ TEACHER INSERVICE</i>	7 <i>NO SCHOOL/ TEACHER INSERVICE</i>	8
9	10 <i>** 1st day for freshmen</i>	11 Water, Water Everywhere! Cover Book!	12 / 13 Go over Class Policies Definitions: Chapter P Assign 1: # P.1 – P.5, P.9 – P.13		14 <u>Chapter P</u> Assign 2: # P.19, P.21, P.22, P.24, P.27, P.28	15
16	17 <i>** Quiz Chapter P</i> Definitions: Chapter 1 Chapter P Definitions due	18 <u>Chapter 1</u> <i>Displays for Data: Bar Graphs, Pie Graphs, Stemplots</i> Assign 3: #1.1, 1.2, 1.4, 1.5, 1.6 Assign 1 & 2 due	19 / 20 <i>Histograms, Ogives, and Timeplots</i> Assign 4: #1.7, 1.8, 1.11, 1.12, 1.13, 1.18, 1.25, 1.26		21 <i>Mean, Median, Mode, Range, Boxplots, IQR, Outliers</i> Assign 5: #1.27, 1.29, 1.31, 1.33, 1.35, 1.36	22
23	24 <i>** Quiz 1.1</i> <i>Standard deviation, variance</i> Assign 6: #1.39, 1.40, 1.42, 1.43, 1.45, 1.46	25 <i>Comparing Distributions</i> Assign 7: #1.47, 1.49, 1.50, 1.53 Assign 3, 4, & 5 due	26 / 27 <i>** Quiz 1.2</i> <u>Chapter 2</u> <i>Measures of relative standing</i> Definitions: Chapter 2 Assign 8: #2.2, 2.3, 2.4, 2.7, 2.8 Chapter 1 Definitions due		28 <i>Density Curves, Normal Distributions</i> Assign 9: #2.9, 2.10, 2.12, 2.23, 2.24, 2.25	29
30	31 <i>** Quiz 2.1</i> <i>Standard Normal Curve; Non-standard Normal Curves</i> Assign 10: #2.29, 2.32, 2.33, 2.35					



September

2009

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
		<p>1 <i>Assessing Normality</i></p> <p>Assign 11: #2.36, 2.37, 2.38, 2.39, 2.50</p> <p>Assign 6 thru 9 due</p>	<p>2 / 3</p> <p><i>Practice with Density Curves</i></p> <p>Assign 12: #2.43, 2.44, 2.45, 2.48</p> <p>Start Chapter 1 & 2 Review (Assign 13)</p>		<p>4 ** Quiz 2.2</p> <p>Work on Chapter 1 & 2 Review</p> <p>Assign 13: # 1.52, 1.55, 1.60, 1.61, 1.64, 1.66, 1.67, 1.70, 2.53, 2.54, 2.55, 2.58, 2.59</p>	5
6	<p>7</p> <p>NO SCHOOL/ LABOR DAY</p>	<p>8</p> <p>Work / Review day for Chapter 1 & 2</p>	<p>9 / 10 *** Test: Chapter 1 & 2 ***</p> <p>Chapter 2 Definitions due</p> <p>Assign 10 thru 13 due</p>		<p>11 <u>Chapter 3</u></p> <p><i>Scatterplots: constructing and interpreting</i></p> <p>Definitions: Chapter 3</p> <p>Assign 14: #3.1, 3.4, 3.5, 3.7, 3.9</p>	12
13	<p>14 <i>Correlation: Calculations and properties</i></p> <p>Assign 15: # 3.13, 3.16, 3.19, 3.20, 3.23, 3.24</p>	<p>15 <i>Linear Regression</i></p> <p>Assign 16: #3.6, 3.29, 3.32 – 3.38</p>	<p>16 / 17 <i>Analyzing Model Quality: Residuals and r^2</i></p> <p>** Quiz 3.1</p> <p>Assign 17: #3.39, 3.41, 3.43, 3.47</p>		<p>18 <i>Unusual Points in Regression: Outliers, Influential Points</i></p> <p>Assign 18: #3.60, 3.61, 3.62</p>	19
20	<p>21 <i>Cautions About Correlation and Regression</i></p> <p>Assign 19: #3.46, 3.55, 3.70, 3.71</p>	<p>22 <u>Chapter 4</u></p> <p>Transforming to Achieve Linearity</p> <p>Definitions: Chapter 4</p> <p>Assign 20: #4.2, 4.4</p> <p>Assign 14 thru 17 due</p>	<p>23 / 24 ** Quiz 3.2/3.3</p> <p><i>Exponential Growth; Log y transformation</i></p> <p>Assign 21: #4.5, 4.6, 4.9</p> <p>Chapter 3 Definitions due</p>		<p>25</p> <p>NO SCHOOL/ TEACHER INSERVICE</p>	26
27	<p>28 <i>Power models; log x and log y transformations</i></p> <p>Assign 22: #4.11, 4.12</p>	<p>29 <i>Relationships between categorical variables</i></p> <p>Assign 23: #4.23 - #4.25</p> <p>Assign 18 thru 21 due</p>	<p>30 <i>Simpson's Paradox</i></p> <p>Assign 24: #4.29, 4.31, 4.35</p>			

October

2009

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
				1 / 2 ** Quiz 4.1 Establishing Causation Assign 25: #4.41, 4.45, 4.50, 4.51		3 HOMECOMING
4	5 * Quiz 4.2/4.3 Chapter 3 & 4 Review Assign 26: #3.77, 3.80, 3.83, 3.84, 3.85, 4.37, 4.53, 4.54, 4.57	6 Work / Review day for Chapter 3 & 4	7 / 8 *** Test: Chapter 3 & 4 *** Chapter 4 Definitions due Assign 22 thru 26 due <i>End of 1st Quarter</i>		9 NO SCHOOL/ TEACHER INSERVICE	10
11	12 Chapter 5 Activity 5A Definitions: Chapter 5	13 Sampling: Good vs. Bad Designing Polls and Surveys Assign 27: #5.2, 5.6, 5.7, 5.9, 5.11, 5.24, 5.26, 5.32	14 / 15 Designing Polls and Surveys Assign 28: #5.15, 5.16, 5.18, 5.19, 5.20, 5.25, 5.27		16 ** Quiz 5.1 Assign 27 thru 28 due	17
18	19 – 23 NO SCHOOL/ FALL BREAK					24
25	26 Basics of Experiment Design Assign 29: #5.33, 5.35, 5.37, 5.39, 5.40, 5.43	27 Principles of Experiment Design Assign 30: # 5.45, 5.46, 5.47, 5.55, 5.57, 5.67	28 / 29  SNOW DAY...		30 SNOW DAY... 	31

November

2009

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
1	<p>2 <i>Matched Pairs Design</i> Standing v. Sitting HR</p> <p>Assign 31: # 5.48, 5.49, 5.62, 5.68 ** Start AP Packet on Experiment Design</p>	<p>3 ** Quiz 5.2</p> <p>Work on AP Packet on Experimental Design</p>	<p>4 / 5 Start Chapter 6: Simulations</p> <p>Assign 32: #6.1, 6.3, 6.13 Work on AP Packet on Experimental Design</p> <p>Chapter 5 Definitions due Assign 29 thru 31 due</p>		<p>6 NO SCHOOL/ TEACHER INSERVICE</p>	7
8	<p>9 *Quiz 6.1</p> <p>Work on AP Packet on Experimental Design</p>	<p>10 Work on AP Packet on Experimental Design</p>	<p>11 / 12 *** Test: Chapter 5 & 6.1 ***</p> <p>AP Packet on Experiment Design due</p>		<p>13 Basic Probability Concepts</p> <p>Assign 33: #6.23, 6.24, 6.27-6.29, 6.33, 6.36</p>	14
15	<p>16 Basic Probability Rules</p> <p>Assign 34: #6.37, 6.39, 6.43, 6.44</p>	<p>17 Independence and the Multiplication Rule</p> <p>Assign 35: #6.45, 6.47, 6.49, 6.61, 6.66, 6.67</p>	<p>18 / 19 *Quiz 6.2</p> <p>Conditional Probability</p> <p>Assign 36: #6.70, 6.72, 6.73, 6.78, 6.86 (a)-(d) Assign 32 thru 34 due</p>		<p>20 Independence and Bayes' Theorem</p> <p>Assign 37: #6.71, 6.81, 6.82, 6.87, 6.90, 6.91</p>	21
22	<p>23 Chapter 6 Review</p> <p>Assign 38: #6.97, 6.98, 6.99, 6.101 – 6.105</p>	<p>24 * Quiz 6.3</p> <p>Assign 35 thru 37 due</p>	<p>25 – 27 NO SCHOOL/ THANKSGIVING BREAK</p>			28
29	<p>30 Intro to Random Variables</p> <p>Assign 39: #7.2-5, 7.7, 7.9</p>					

December

2009

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
		1 Mean and Variance of Random Variables Assign 40: #7.25, 7.30, 7.32, 7.33, 7.43	2 / 3 * Quiz 7.1 Rules for Mean and Variance Assign 41: #7.38, 7.39, 7.41, 7.47, 7.51 Assign 39-40 due Chapter 6 Definitions due		4 Combining Normal Random Variables Assign 42: #7.44-46, 7.50	5
6	7 * Quiz 7.2 Chapter 7 Review Assign 43: Final Review 5, 6, 7	8 Work / Review day for Chapter 6 & 7	9 / 10 *** Test 6.2, 6.3 / 7 *** Assign 41-42 due Chapter 7 Definitions due Assign 44: Final Review 1, 2		11 Assign 45: Final Review 3, 4	12
13	14 Final Review Questions	15 <i>1st SEMESTER FINALS</i>	16 <i>1st SEMESTER FINALS</i>	17 <i>1st SEMESTER FINALS</i> End of 2 nd Quarter	18 NO SCHOOL/ TEACHER INSERVICE	19
20	21 – 25 NO SCHOOL/ WINTER BREAK					26
27	28 – 31 NO SCHOOL/ WINTER BREAK					

January

2010

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
					1 NO SCHOOL/ WINTER BREAK	2
3	4 Start Chapter 8: Binomial Settings & the Binomial Random Variable Assign 46: #8.1, 8.3, 8.4, 8.5, 8.8, 8.11, 8.12	5 Binomial Distributions: Mean and Variance Assign 47: # 8.13, 8.14, 8.16, 8.23	6 / 7 Normal Approximations to the Binomial Distribution: Binomial Simulations Assign 48: #8.19, 8.24, 8.27, 8.29, 8.30		8 * Quiz 8.1 Geometric Distributions Assign 49: #8.36, 8.41, 8.43, 8.44	9
10	11 Start Chapter 9: What is a Sampling Distribution? Sampling distributions of \hat{p} Assign 50: #9.1, 9.2, 9.3 (a & b), 9.5 (a & b), 9.6, 9.8, 9.10, 9.19	12 Sampling Distributions of Proportions Assign 51: #9.25, 9.27, 9.30	13 / 14 * Quiz 8.2 Sampling Distributions of \bar{x} Assign 52: # 9.24, 9.31, 9.33 Assign 46 -49 due Chapter 8 Definitions due		15 * Quiz 9.1/9.2	16
17	18 NO SCHOOL/ MLK DAY	19 Calculations involving \bar{x} Assign 53: #9.35, 9.37, 9.38, 9.47	20 / 21 * Quiz 9.2/9.3 Chapter 8 / 9 Review Assign 54: # 8.50, 8.51, 8.52, 8.59, 8.60, 8.63, 8.65, 8.66, 8.67, 8.68 #9.49, 9.50, 9.51, 9.58 Assign 50-52 due		22 NO SCHOOL/ TEACHER INSERVICE	23
24	25 Questions and Review for Chapter 8 / 9 Test	26 Start Chapter 10: Idea of a Confidence Interval Assign 55: #10.1, 10.2, 10.5, 10.6	27 / 28 *** Test 8 & 9 *** Assign 53-54 due Chapter 9 Definitions due		29 Confidence Interval for μ and σ when known Assign 56: #10.7, 10.9, 10.11, 10.12	30
31						

February

2010

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
	1 Confidence Interval Considerations Assign 57: #10.15 – 10.18	2 Confidence Interval for μ and σ when unknown Assign 58: #10.13, 10.27, 10.28, 10.31	3 / 4 * Quiz 10.1 Paired t procedures and Robustness of t procedures Assign 59: #10.35, 10.36, 10.42 Assign 55-56 due		5 Estimating an unknown population proportion Assign 60: #10.45, 10.46, 10.47, 10.49	6
7	8 Determining sample size Assign 61: #10.52, 10.54, 10.55	9 Intro to Significance Tests Assign 62: #11.1, 11.3(a), 11.5, 11.6	10 / 11 * Quiz 10.2/10.3 Components of Significance Tests Assign 63: #11.7, 11.8, 11.11, 11.12, 11.13, 11.14 Assign 57-60 due Chapter 10 Definitions due		12 Inference Toolbox and Tests from CI's Assign 64: #11.27, 11.29, 11.31, 11.33	13
14	15 NO SCHOOL/ PRES. DAY	16 Uses and abuses of Significance Tests Assign 65: #11.43-11.48	17 / 18 * Quiz 11.1/11.2 Type I and Type II Errors Assign 66 #11.49, 11.51, 11.53, 11.55, 11.56, 11.57 Assign 61-64 due		19 * Quiz 11.3/11.4	20
21	22 Chapter 10 / 11 Test Review Assign 67: #10.66, #10.68, 10.72, 10.73 #11.36, 11.65, 11.66, 11.71, 11.72, 11.73	23 Chapter 10 / 11 Test Questions / Review Day	24 / 25 ** Chapter 10 & 11 Test Assign 65-67 due Chapter 11 Definitions due		26 Testing a claim about μ : one sample t test Assign 68: #12.1-12.6	27
28						

March

2010

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
	<p>1-5</p> <p style="text-align: center;">CSAP Testing</p> <p style="text-align: center;">Short Day: Paired t Tests Assign 69: #12.9, 12.10, 12.12, 12.16</p> <p style="text-align: center;">Long Day: Testing a claim about p Assign 70: #12.23, 12.24, 12.25, 12.30</p>					6
7	<p>8</p> <p>* Quiz 12.1</p> <p>What if conditions aren't met?</p> <p>Assign 71: #12.31, 21.33, 12.34, 12.37, 12.38</p>	<p>9</p> <p>Comparing two population parameters: paired data vs. independent samples; estimating $\mu_1 - \mu_2$</p> <p>Assign 72: #13.1 – 13.4, 13.11</p>	<p>10 / 11 <i>End of 3rd Quarter</i></p> <p>* Quiz 12.2</p> <p>Two sample t tests and assorted df possibilities</p> <p>Assign 73: #13.5, 13.7 – 13.9</p> <p>Assign 68-70 due</p>	<p>12</p> <p style="text-align: center;">NO SCHOOL/ TEACHER INSERVICE</p>		13
14	<p>15</p> <p>Two-sample t tests</p> <p>Assign 74: #13.13 – 13.15, 13.17</p>	<p>16</p> <p>* Quiz 13.1</p> <p>Estimating $p_1 - p_2$: The two-proportion z interval</p> <p>Assign 75: #13.23, 13.25, 13.27</p>	<p>17 / 18</p> <p>Significance tests for comparing two population proportions</p> <p>Assign 76: #13.29, 13.32, 13.33, 13.39</p> <p>Assign 71-73 due</p>	<p>19</p> <p>* Quiz 13.2</p> <p>Assign 77: Part III/IV Review Exercises packet</p>	20	
21	<p style="text-align: center;">NO SCHOOL/ SPRING BREAK</p>					27
28	<p>29</p> <p>Chapter 12 / 13 Test Review</p> <p>Assign 78: #12.32, 12.35, 12.36, 13.40, 13.41, 13.44-47</p>	<p>30</p> <p>Chapter 12 / 13 Review and Questions Day</p> <p>Assign 79: Part I/II Review Exercises packet</p>	<p>3/31 & 4/1</p> <p>*** Chapter 12 & 13 Test</p> <p>Assign 74-76, 78 due Chapter 13 Definitions due</p> <p>Assign 80: Practice Exam 1</p>			

April

2010

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
			3/31 & 4/1 *** Chapter 12 & 13 Test Assign 74-76, 78 due Chapter 13 Definitions due Assign 80: Practice Exam 1		2 Chi-square goodness of fit test M&Ms Assign 81: #14.1, 14.5, 14.8	3
4	5 Chi-square test of homogeneity Assign 82: #14.11, 14.15, 14.16, 14.18 Assign 77 due	6 Chi-square test of association / independence Assign 83: #14.22, 14.24, 14.25, 14.29, 14.35, 14.36, 14.39, 14.41	7 / 8 ** Quiz 14 (40 pts) Assign 84: Practice Exam 2 Assign 79 due		9 Review for Mock / Final Assign 80 due Assign 84: Practice Exam 2	10
11	12 Review for Mock / Final Assign 81 due	13 MOCK EXAM Part 1 (20 multiple choice) In Class	14 / 15 MOCK EXAM Part 2 (Free Response) In Class		16 MOCK EXAM Part 3 (20 multiple choice) In Class	17
18	19 NO SCHOOL/ TEACHER INSERVICE	20 NO SCHOOL/ TEACHER INSERVICE	21 / 22 Go over Multiple Choice (1 st part) of Mock Introduction of Final Project		23 Go over Multiple Choice (2 nd part) of Mock	24
25	26 ACT Schedule Periods 1,2,3,4,5,6 Evaluating Free Response of Mock	27 ACT Schedule Periods 1,2,3,4,5,7 Evaluating Free Response of Mock **Topic and study design proposal due	28 ACT Testing Periods 6,7 Evaluating Free Response of Mock	29 ACT Schedule Periods 1,3,5,7 Evaluating Free Response of Mock	30 ACT Schedule Periods Adv.,2,4,6 Evaluating Free Response of Mock	

May

2010

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
						1
2	3 Hand back Mock Exams Experiment / Study / Survey Day	4 AP Statistics Exam	5 / 6 Experiment / Study / Survey Day <i>Interim report due</i>		7 <i>Rough draft of report due</i>	8
9	10	11	12 / 13 <i>*** Final Project Presentations *** Reports Due</i>		14	15
16	17	18	19	20 2nd SEMESTER FINALS <i>1st and 5th</i>	21 NO SCHOOL/ Graduation	22
23	24 2nd SEMESTER FINALS <i>4th, 2nd, and 7th</i>	25 2nd SEMESTER FINALS <i>3rd and 6th End of 4th Quarter</i>	26 NO SCHOOL/ TEACHER INSERVICE	27	28	29
30	31					