Monday, January 5	Tuesday, January 6	Wednesday, January 7	Thursday, January 8	Friday, January 9
	Lesson 1: Read Introduction to text and watch Introduction StatTutor video. Both are found at the top of the chapter listings on eBook. Lesson 2: pages 53-55, 189-192 Ch.2 Organizing a statistical problem Ch.8 Introduction—No StatTutor Video Ch.8 Observation versus experiment		Lesson 3: pages 192-206 Ch.8 Sampling Ch.8 How to sample badly Ch.8 Simple random samples Ch.8 Other sampling designs Ch.8 Cautions about sample surveys Ch.8 Inference about the population	No homework assignment due
Monday, January 12	Tuesday, January 13 Lesson 4: pages 213-220 Ch.9 Introduction	Wednesday, January 14	Thursday, January 15 <u>Lesson 6:</u> pages 1-24 Ch.1 Introduction	Friday, January 16
	Ch.9 Experiments Ch.9 How to experiment badly Ch.9 Randomized comparative experiments		Ch.1 Individuals and variables Ch.1 Categorical variables: pie charts & bar graphs	Homework #1 due by 11:00 pm
	Lesson 5: pages 220-227 Ch.9 The logic of randomized comparative experiments Ch.9 Cautions about experiments Ch.9 Matched pairs and block designs		Ch.1 Quantitative variables: histograms Ch.1 Interpreting histograms Ch.1 Quantitative variables: stemplots	Add/drop deadline
Monday, January 19	Tuesday, January 20 <u>Lesson 7:</u> pages 37-45 Ch.2 Introduction	Wednesday, January 21 Deadline for course	Thursday, January 22 <u>Lesson 9:</u> pages 64-76 Ch.3 Introduction	Friday, January 23
Martin Luther King Day: No classes	Ch.2 Measuring center: the mean Ch.2 Measuring center: the median Ch.2 Comparing mean and median Ch.2 Measuring spread: the quartiles Ch.2 The five-number summary & boxplots Lesson 8: pages 45-53 Ch.2 Spotting suspected outliers Ch.2 Measuring spread: st. dev Ch.2 Choose measures—center & spread Ch.2 Using technology	surveys, StatsPortal and iClicker registration	Ch.3 Describing density curves Ch.3 Normal distributions Ch.3 The 68-95-99.7% rule Ch.3 The standard normal distribution	Homework #2 due by 11:00 pm
Monday, January 26	Tuesday, January 27 <u>Lesson 10:</u> pages 76-84 Ch.3 Find Normal proportions Ch.3 Using standard Normal table Ch.3 Find value given proportion	Wednesday, January 28	Thursday, January 29 Lesson 12: pages 99-105 Ch.4 Measure linear association: correlation Ch.4 Facts about correlation	Friday, January 30
	End of material on Exam 1 Lesson 11: pages 90-98 Ch.4 Explanatory and response variables Ch.4 Displaying relationships: scatterplots Ch.4 Interpreting scatterplots Ch.4 Adding categorical variable to scatterplot		First HW extra-credit writing assignment due	Homework #3 due by 11:00 pm

Introduction StatTutor lesson is found at the top of the chapter list on eBook. CrunchIt! website: http://bcs.whfreeman.com/crunchit/bps4e/

Monday, February 2	Tuesday, February 3	Wednesday, February 4	Thursday, February 5	Friday, February 6
Exam 1 covers Lesson 1-10 (Chapters 1-3, 8-9)	Lesson 13: pages 45-120 Ch.5 Introduction Ch.5 Regression lines Ch.5 Least-squares regression line Lesson 14: pages 129-137 Ch.5 Facts about least-squares regression		Lesson 15: pages 129-137 Ch.5 Influential observation Ch.5 Cautions about correlation & regression Ch.5 Association does not imply causation	Homework #4 due by 11:00 pm
1 st day EXAM 1 *	Ch.5 Residuals 2 nd day EXAM 1 *	3rd day EXAM 1 *	4 th day EXAM 1* - \$5 late fee	LAST day to take Exam 1. Must start before 5 pm & pay \$8 fee
Monday, February 9	Tuesday, February 10	Wednesday, February 11	Thursday, Feb. 12	Friday, February 13
Last day to withdraw	Lesson 16: pages 149-160 Ch.6 Introduction Ch.6 Marginal distributions Ch.6 Relationships between categorical variables Ch.6 Simpson's paradox Lesson 18: pages 246-254, 262-263 Ch.10 Introducing probability Ch.10 The idea of probability Ch.10 Probability models Ch.10 Probability rules		Lesson 19: pages 271-278 Ch.11 Introduction Ch.11 Parameters and statistics Ch.11 Statistical estimation and LLN Ch.11 Sampling dist	Homework #5 due by 11:00 pm
Monday, February 16	Tuesday, February 17	Wednesday, February 18	Thursday, Feb. 19	Friday, February 20
President's Day: No classes	Monday instruction		Lesson 20: pages 278-286 Ch.11 Sampling distribution of \overline{x} Ch.11 Central Limit Theorem (StatTutor lesson has 2 parts) Lesson 21: pages 286-294, 343-344 Ch.11 Statistical Process Control Ch.11 \overline{x} -charts Ch.11 Thinking about process control End of material on exam 2	Homework #6 due by 11:00 pm
Monday, February 23	Tuesday, February 24 Review for Exam 2	Wednesday, February 25	Thursday, Feb. 26	Friday, February 27
Exam 2 covers Lessons 1-21 (Chapters 1 – 11)	NEVIEW 101 EXAIII 2		Lesson 22: pages 344-349 Ch.14 Introduction Ch.14 Estimating with confidence Ch.14 Confidence intervals for μ (Watch part I in StatTutor)	Homework #7 due by 11:00 pm LAST day to take Exam 2.
1 st day to take Exam 2*	2 nd day Exam 2 *	3 rd day Exam 2*	4 th day EXAM 2* —\$5 late fee	Must start before 5 pm \$8 late fee

^{*}Exam 1 covers chapters 1 through 3, 8 and 9. Check Blackboard for study guide, practice exam, glossary, etc. *Exam 2 covers chapters 1 through 11. Check Blackboard for study guide, practice exam, glossary, etc. CrunchIt! website: http://bcs.whfreeman.com/crunchit/bps4e/

Manday Marah 2	Tuesday, March 2	Wadnagday Marah 4	Thursday March 5	Eriday Marah 6
Monday, March 2	Tuesday, March 3	Wednesday, March 4	Thursday, March 5	Friday, March 6
	Lesson 23: pages 249-356		<u>Lesson 25:</u> pages 367-372	
	Ch.14 Confidence intervals for μ (Watch		Ch.15 Test statistics	
	part II StatTutor)		Ch.15 P-values	TT 1 //0 1 1 11 00
	Ch.14 How confidence intervals behave		Ch.15 Statistical significance	Homework #8 due by 11:00 pm
	Ch.14 Choosing the sample size			
	<u>Lesson 24:</u> pages 362-367			
	Ch.15 Introduction			
	Ch.15 The reasoning of tests of significance			
	Ch.15 Stating hypotheses			
Monday, March 9	Tuesday, March 10	Wednesday, March 11	Thursday, March 12	Friday, March 13
Last day to withdraw	<u>Lesson 26:</u> pages 372-376		<u>Lesson 28:</u> pages 399-404	
	Ch.15 Tests for a population mean		Ch.16 Type I and type II errors (StatTutor	
	(StatTutor lesson has 3 parts)		lesson has 2 parts)	
	<u>Lesson 27:</u> pages 379-399, 412-417			
	Ch.15 Tests from confidence intervals		Second HW extra-credit writing assignment	Homework #9 due by 11:00 pm
	Ch.16 Where did the data come from?		due	
	Ch.16 Cautions about the z procedures			
	Ch.16 Cautions about confidence intervals			
	Ch.16 Cautions about significance tests			
	Also watch StatTutor lessons:			
	Statistical vs. practical significance			
	Beware multiple analyses			
Monday, March 16	Tuesday, March 17	Wednesday, March 18	Thursday, March 19	Friday, March 20
, , , , , , , , , , , , , , , , , , ,	<u>Lesson 30:</u> pages 620-646	,	<u>Lesson 32</u> : pages 460-476, 480-481	
	Ch.18 Conditions for inference		Ch.19 Two-sample problems	
	Ch.18 The <i>t</i> distributions		Ch.19 Comparing two population means	
	Ch.18 The one-sample <i>t</i> confidence interval		Ch.19 Two-sample <i>t</i> procedures	Homework #10 due by 11:00 pm
	Ch.18 The one-sample <i>t</i> test		Ch.19 Examples of the two-sample <i>t</i> procedures	
	<u>Lesson 31:</u> pages 444-451		Ch.19 Using technology	End of material on exam 3
	Ch.18 Matched pairs t procedures		Ch.19 Robustness again	
	Ch.18 Robustness of <i>t</i> procedures		Ch.19 Details of the <i>t</i> approx.	
	Chi. To Trobusiness of a procedures		Ch.19 Avoid pooled two-sample t procedures WRITTEN Homework #10A due by	
Monday, March 23	Tuesday, March 24	Wednesday, March 25	10:00 pm in 258 TMCB Thursday, March 26	Friday, March 27
ivioliuay, iviaicii 23	Lesson 39: pages 620-646	w culicouay, ivial cii 23	Lesson 33: pages 491-496	i iiday, iviaioii 2/
Exam 3 covers	Ch.25 Introduction			Homework #11 due by 11:00 pm
Lessons 1-32, 39	Ch.25 Introduction Ch.25 Comparing several means		Ch.20 The sample proportion \hat{p}	
(Chapters 1 – 11, 14 –	Ch.25 Comparing several means Ch.25 The analysis of variance F test		Ch.20 The sampling dist of \hat{p}	
19 and 25)	Ch.25 The analysis of variance F test Ch.25 Using technology		Also watch StatTutor lesson called	
1) and 23)	Ch.25 Using technology Ch.25 The idea of analysis of variance		Conditions for inference	
	Ch.25 Conditions for ANOVA			
	Review for exam 3:			LAST day to take Exam 3*.
				Must start before 5 pm & pay
1st day to take Every 24	Ch.22 Inference abt var: part III review	2rd day Eva 2**	4 th day Exam 3* pay \$5 late fee	\$8 late fee
1 st day to take Exam 3*	2 nd day Exam 3 *	3 rd day Exam 3**	- day Danii 5 pay \$5 late lee	

^{**}Exam 3 covers chapters 1 through 11, 14 through 19 and 25. Check Blackboard for study guide, practice exam, glossary,etc. CrunchIt! website: http://bcs.whfreeman.com/crunchit/bps4e/

Manday March 20	Tuesday March 21	Wadnasday April 1	Thursday April 2	Emidory Appli 2
Monday, March 30	Tuesday, March 31	Wednesday, April 1	Thursday, April 2	Friday, April 3
	Lesson 34: pages 496-507	D:	<u>Lesson 37:</u> pages 547-554	
	Ch.20 Large sample confidence intervals for a	Discontinuance	Ch.23 Two-way tables	Homework #12 due by 11:00 pm
	proportion	deadline	Ch.23 The problem of multiple comparisons	Trome work with due by Trioo pin
	Ch.20 Accurate confidence intervals for a		Ch.23 Expected counts in two-way tables	
	proportion		Ch.23 The chi-square test	
	Ch.20 Choosing the sample size		Ch.23 Using technology	
	Ch.20 Significance tests for a proportion		Ch.23 Cell counts required for the chi-	
	<u>Lesson 35:</u> pages 512-524		square test	
	Ch.21 Two-sample problems: proportions		Ch.23 The chi-square distributions	
	Ch.21 The sampling dist of a difference b/w		1	
	proportions			
	Ch.21 Large-sample CIs for comparing			
	proportions			
	Ch.21 Accurate CIs for comparing proportions			
	Ch.21 Significance tests for comparing			
76 1 1 116	proportions	*** 1 1 1 1 1 1	m 1 1 1 1 1 0	7.1
Monday, April 6	Tuesday, April 7	Wednesday, April 8	Thursday April 9	Friday, April 10
	<u>Lesson 38:</u> pages 554-568		<u>Lesson 41:</u> pages 581-595	
	Ch.23 Uses of the chi-square test		Ch.24 Inference about prediction (StatTutor	
	Ch.23 The chi-square test and the z test		lesson has 2 parts)	
	<u>Lesson 40:</u> pages 581-595		Ch.24 Checking the conditions for inference	
	Ch.24 Introduction			
	Ch.24 Conditions for regression inference			Homework #13 due by 11:00 pm
	Ch.24 Check conditions for inference			
	Ch.24 Estimating parameters			
	Ch.24 Using technology			
	Ch.24 Testing hypothesis of no linear			
	relationship			
	Ch.24 Testing lack of correlation			
	Ch.24 CI for the regression slope	Do course evaluation	Do course evaluation	Do course evaluation
36 1 1 1110	Do course evaluation			
Monday, April 13	Tuesday, April 14	Wednesday, April 15	Thursday, April 16	Friday, April 17
	<u>Lesson 42:</u> pages 596-604			
	Procedure review StatTutor lesson found at	Reading Day	Reading Day	Take Final in Testing Center
	end of chapter listing on <i>eBook</i> .			(140 JSB) any time
	Review for final			
	Last Day of Classes			Saturday, April 18: Take final
				in Testing Center (140 JSB)
				any time
				•
Do course evaluation	Do course evaluation			
Monday, April 20	Tuesday, April 21	Wednesday, April 22	Thursday, April 23	Friday, April 24
Take Final in Testing	Take Final in Testing Center (140 JSB) any	Take Final in		
Center (140 JSB) any	time	Testing Center (140	Graduation	Graduation
time		JSB) any time		Stadumon
		<u> </u>		

Final exam covers chapters 1 through 11 and 14 through 25. Check Blackboard for study guide, practice exam, glossary, etc. Procedure review StatTutor lesson is found at the bottom of the chapter listings on *eBook* CrunchIt! website: http://bcs.whfreeman.com/crunchit/bps4e/