

STA3032  
Course Schedule  
Spring 2009, sections 7347 & 7370

Topics	Dates	Sections In Text	7347 Quiz	7370 Quiz
Introduction to Statistics; Data Collection	1/07	1.1		
Summary Statistics; graphing data	1/09	1.2, 1.3		
Introduction to Probability; counting methods	1/12	2.1, 2.2		
Conditional Probability and Independence	1/14	2.3		
Random Variables	1/16	2.4		
<b>Martin Luther King Day—No class</b>	1/19			
Random Variables	1/21	2.4		
Measurement Error	1/23	3.1		
Linear Combinations of Measurements	1/26	3.2		
Bernoulli and Binomial Probability Distributions	1/28	4.1, 4.2		
Other Discrete Probability Distributions	1/30	4.3-4.4	Quiz1	Quiz1
The Normal Probability Distribution	2/02	4.5		
Other Continuous Distributions	2/04	4.6-4.8		
Probability Plots	2/06	4.10		
Central Limit Theorem	2/09	4.11		
Review	2/11	Chaps 1-4		
Confidence Intervals for Means	2/13	5.1		
Confidence Intervals for Means	2/16	5.3		
<b>Exam #1</b>	<b>2/18</b>	<b>Chaps 1-4</b>		
Confidence Intervals for Proportions	2/20	5.2		
Confidence Intervals for Difference between Two Means	2/23	5.4-5.8		
Testing Hypotheses about Mean and Proportions	2/25	6.1-6.2, 6.4		
Testing Hypotheses about Difference between Means	2/27	6.5-6.7		
Fixed Level and P-values	3/02	6.12		
Power of Statistical Tests and Sample Size Calculation	3/04	6.13	Quiz2	Quiz2
Multiple Testing	3/06	6.14		
<b>Spring Break—No classes</b>	3/09-13			
More on Hypothesis Tests	3/16			
Correlation	3/18	7.1	Quiz3	Quiz3
Regression—Fitting Curves to Data	3/20	7.2		
Regression— Uncertainty in Regression Parameter Estimates	3/23	7.3		
Review	3/25	Chaps 5-6		
<b>Exam #2</b> <b>CSE A101 5:10-7:05</b>	<b>3/25</b>	<b>Chaps 5-6</b>		
Regression—Accounting for Variation	3/27	7.3		
Regression— Inference about Regression Parameters	3/30	7.3		
Regression—Estimating subpopulation means and prediction	4/01	7.3	Quiz4	Quiz4
Regression—Diagnostics and Transformations	4/03	7.4		
Regression—More	4/06			
Regression—More	4/08		Quiz5	Quiz5
Experimental Design: One Factor	4/10	9.1, 9.2		
Experimental Design: Multiple Factors	4/13	9.3		
Experimental Design: Blocking	4/15	9.4	Quiz6	Quiz6
Quality Control: Basic Ideas	4/17			
Quality Control: Control Charts	4/20			
	4/22			
<b>Final Exam</b>	As scheduled			