

The proposed schedule is tentative. The topics and subtopics are guidelines and are not meant to be restrictive or all inclusive.

Week	Topic
1 Sept 7	Introduction to Statistics and Probability Axioms, Conditional Probability, Random Variables, and Probability Distributions
2 Sept 14	Discrete Probability Distributions and Probability Mass Function Uniform, Binomial, Poisson Distributions
3 Sept 21	Continuous Probability Distributions and Probability Density Functions Uniform, Normal, Exponential, Weibull Distributions
<b>Monday Sept 28, 2009</b>	<b>Last day to withdraw without a letter grade.</b>
4 Sept 28 Sept 30 Oct 2	Probability Distribution - continued <b>Review</b> <b>Test One</b>
5 Oct 5	Statistical Inference Central Limit Theorem, Point and Interval Estimates, Sampling Distributions Chi-Square Distribution, $t$ - Distribution, F - Distribution
6 Oct 12	Hypothesis Testing Research and Statistical Hypotheses, One-Side vs Two-Sided Tests p - Values, Type I & II Errors
7 Oct 19 Oct 21 Oct 23	Hypothesis Testing - continued <b>Review</b> <b>Test Two</b>
<b>Monday Oct 26, 2009</b>	<b>Last day to withdraw with a letter grade of "W".</b>
8 Oct 26	Correlation and Regression Analysis Experimental Design
9 Nov 2	Two Sample Hypothesis Testing (Independent and Dependent {paired t -test}) Analysis of Variance (One-Way and Two-Way ANOVA's)
10 Nov 9 Nov 11 Nov 13	ANOVA - continued <b>Veterans Day – No Class</b> Last Day of Class - Test Three Review - Project Due
<b>Final Exam</b>	<b>Wednesday November 18, 2009 1:00 - 3:00 PM</b>