MATH 233
Honors Basic Statistics

Course Outline

Topics		# of Weeks
Chapters 1:	A preview of Business Statistics: (all sections)	⅓
Chapter 2:	Visual Description of Data: (all sections)	⅔
Chapter 3:	Statistical Description of Data: (all sections)	1⅓
Chapter 5:	Probability: (omit section 5.6)	1⅓
Chapter 6:	Discrete Distributions: (omit sections 6.3 and 6.4)	1
Chapter 7:	Continuous Distributions: (omit sections 7.5 and 7.6)	1⅓
Chapter 8:	Sampling and Sampling Distributions (all sections)	1
Chapter 9:	Estimation for Sample Data: (all sections)	1⅓
Chapter 10:	Hypothesis Tests Involving a Sample Mean or Proportion: (all sections)	1⅓
Chapter 11:	Hypothesis Tests Involving Two Sample Means or Proportions: (all sections)	2
Chapter 12:	Simple Linear Regression and Correlation	1⅓
Tests:		1

At least five lab assignments from the Minitab Lab Workbook will be assigned and graded.

Textbooks: Essentials of Business Statistics, by Ronald Weiers
and
Minitab Lab Workbook, 19th Edition by Howard Kaplon

Adopted: June 30, 2007