Please note that this syllabus should be regarded as only a general guide to the course. The instructor may have changed specific course content and requirements subsequent to posting this syllabus. Last Modified: 14:17:09 01/12/2012

Boston College
Department of Economics

EC151.02
Statistics for Business and Economics
Spring 2012
MWF 8:00 - 8:50
Gasson 210

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Office Hours: W, F 10-11 & By appointment

Textbook:
Statistics for Business and Economics (2nd custom edition for BC), by Newbold, Carlson & Thorne

Grading:
Homework and exams will have the following weights in the final grade:

- Homework: 20%
- Midterm exam I: 25%
- Midterm exam II: 25%
- Cumulative final exam: 30%

Homework will be posted on Blackboard. It is designed to help you practice the course material and prepare for exams. Homework can be done in groups of up to 3 students. After you turn in your second homework, you cannot switch groups, so choose your study partners wisely. For some homework, we will use Excel. (You can also use SPSS or Stata.) We will discuss this in more detail later. Solutions will also be posted on Blackboard after the Homework has been submitted.

You can bring one “cheat sheet” (8 x 11) to your exams. You can write anything you want on both sides but you may not work with other students during the exams.

The letter grades are determined by the following scale:

- 100 ≥ A ≥ 93
- 93 > A- ≥ 90
- 90 > B+ ≥ 87
- 87 > B ≥ 83
- 83 > B- ≥ 80
- 77 > C+ ≥ 73
- 73 > C- ≥ 70
- 70 > D+ ≥ 67
- 67 > D ≥ 63
- 63 > D- ≥ 60
- 60 > F

Topics:

- Descriptive Statistics
- Probability Theory, Bayes' Theorem
- Probability Distributions: Discreet
- Probability Distributions: Continuous

Midterm exam I: Friday, February 24th at 8:00 a.m.

Sampling, Confidence Intervals, Sample Size, Proportions, t distribution
Hypothesis Testing (Single population)

Midterm exam II: Friday, March 30th at 8:00 a.m.

Hypothesis Testing (Two population parameters)
Chi-Square Distribution, ANOVA
Simple Regression

Final exam: Tuesday, May 15th at 9:00 a.m.