

BOSTON COLLEGE
Department of Economics

EC 151 - Fall 1996
Statistics

Ayla Ogus

Required Text: Anderson, Sweeney and Williams, Introduction to Statistics.

Course Requirements :

2 mid-term exams (October 10 & November 14)	- 50 %
Final exam	- 35 %
Quizzes	- 15 %

Office: Carney 33A, X 8703

Office hours : 11:00 a.m. to 1:00 p.m. Tuesday & Thursday

This course is intended to give you a basic understanding of probability and statistics. I will teach new material at the beginning of each class (about one hour). On Tuesdays we will solve problems on what we have covered that day. I will assign you problems from the book at the end of the class. On Thursdays we will have a quiz at the end of the class which may include material covered that day. You may use your class notes and textbook in the exams and quizzes. I will disregard your worst quiz. You will have a total of 9 (or 10) quizzes and your grade will be based on the best 8 (or 9). If you are going to miss a quiz or be absent from classes, I need to know in advance. You will need a calculator for this class.

SYLLABUS

- I. Basic Probability and Statistics
 - A. Descriptive Statistics
 - Chs 2&3
 - B. Probability
 - Ch 4
 - C. Discrete Probability Distributions
 - Ch 5
 - D. Continuous Probability Distributions
 - Ch 6
- II. Hypothesis Testing
 - A. Sampling
 - Ch.7
 - B. Inferences About a Population Mean
 - Ch 8
 - C. Inferences About a Population Proportion
 - Ch 9
 - D. Inferences About Two Random Variables
 - Ch 10
 - E. Inferences About Population Variances
 - Ch 11
 - F. Regression Analysis
 - Ch 13

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