BOSTON COLLEGE
Department of Economics

EC 151.09 & .10 - Spring 1997   Ayla Ogus
Statistics

Required Text: Anderson, Sweeney and Williams, Introduction to Statistics.
Course Requirements :
     2 mid-term exams (February 13 & April 3)   - 50 %
     Final exam (May 8, 9:00 am)   - 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