BOSTON COLLEGE
Department of Economics

EC 151.10 & 11 - Fall 1997   Ayla Ogus
Statistics

Required Text: Anderson, Sweeney and Williams, Statistics for Business and
Economics.
Course Requirements :
     2 mid-term exams (October 6 & November 10) - 40 %
     Final exam (Dec 13, 12:30)   - 35 %
     Quizzes   - 15 %
     Computer Cases   - 10 %
Office: Carney 33A, X 8703
Office hours : 1:00 p.m. to 2:00 p.m. Monday & Friday

This course is intended to give you a basic understanding of probability and
statistics. Computer exercises will allow you to learn how to make use of the
spreadsheet program Excel in statistics. Class time on Mondays and
Wednesdays will be largely devoted to new topics and you will be assigned
problems from the textbook to work on outside class. On Fridays I will
provide the answers to the problems I have assigned during the week and
discuss any other questions you may bring up. At the end of the class, we will
have a quiz. 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. I will not
devote any class time to computer exercises. Excel is available on the
computers at the OíNeill computer center. The bookstore has the solutions
manual to all the questions in the book. A copy of the solutions manual is
also available on the Reserve Desk in the OíNeill library. 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. Statistical Inference
     A. Sampling
          Ch.7
     B. Confidence Intervals

Ch 8
C. Hypothesis Testing
Ch 9
D. Inferences About Two Random Variables
Chs 10 & 11