Boston College
Department of Economics

EC 151 - Statistics
Course Outline

Fall 2001   Dr. Orhan Akisik
Section —11/12   **Office: Carney 142**
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Course Description: Statistics is a three-credit, undergraduate, introductory level course. The purpose of this course is to give students important statistical concepts and its applications in business and economics.

Course Textbook: Statistics for Business and Economics by David R. Anderson, Dennis J. Sweeney and Thomas A. Williams, 8th edition, South-Western Thomson Learning

Examinations: There will be short five quizzes, two midterm examinations and one final examination. The dates of quizzes will be announced and the lowest quiz grade will be dropped.

Dates of Midterm Exams: First midterm exam will be on Friday, October 12, Friday 2001; and the second will be on Friday, November 16, 2001.

Weighting for the Course:

Attendance   0.10
Quizzes   0.15
Midterm — 1   0.20
Midterm — 2   0.20
Final   0.35

Attendance Policy: Students are required to attend all the sessions. While mere attendance does not guarantee passing this course, active, informed, and continued presence will significantly increase the opportunity to master the course material.

Rules and Regulations:

1) You may only take a make-up examination if you have a college-approved excuse (illness or religious holiday) and if you notify me before the exam that you will be unable to take the exam. If you fail to notify me before the exam, you will receive a grade of zero for that exam.

2) Read the Academic Honesty Policy in the Boston College Catalog. This policy will be strictly enforced.

Course Schedule:

Chapter- 2, Descriptive Statistics: Tabular and Graphical Methods (1 lecture)
Chapter- 3, Descriptive Statistics: Numerical Methods (2 lectures)
Chapter- 4, Introduction to Probability (4 lectures)
Chapter- 5, Discrete Probability Distributions (4 lectures)
Chapter- 6, Continuous Probability Distributions (3 lectures)
Chapter- 7, Sampling and Sampling Distributions (4 lectures)
Chapter- 8, Interval Estimation (3 lectures)
Chapter- 9, Hypothesis Testing (4 lectures)
Chapter-10, Statistical Inference About Means and Proportions With Two
              Populations (3 lectures)
Chapter-14, Simple Linear Regression (3 lectures)
Chapter-15, Multiple Regression (3 lectures)
Chapter-16, Regression Analysis: Model Building (3 lectures)