

**BOSTON COLLEGE**  
Department of Economics

EC 151  
Statistics  
Fall 1997

Instructor: Neslihan Ozkan  
Office: Carney 33C  
Phone: 552-8707  
Office Hours: W 10:00 - 11:00  
F 10.00-11.00

**I. Course Objective**

The purpose of this course is to provide students, primarily in the fields of business administration and economics, with a conceptual introduction to the field of statistics and its many applications.

**II. Required Text**

Gerald Keller and Brian Warrack, Statistics for Management and Economics, Duxbury Press, fourth edition.

**III. Course Requirements**

	<u>dates</u>	<u>% of final grade</u>
Homeworks	to be assigned	10%
First exam	September 29, (Monday)	25%
Second exam	October 29, (Wednesday)	25%
Final exam		40%

**IV. Course Organization and Expectations**

- The final exam is comprehensive, covering all the material you saw during the course.
- You are held responsible for all readings, assignments and announcements made in class.
- Absolutely NO make up exams will be given in this course. If you should miss an exam, I will need a letter from your Dean stating that it was an approved absence. If school happens to be canceled (ex. snow day) on the day of the scheduled exam, the exam will be given on the next class meeting. Since the dates of the exams are known in advance, please plan your travel arrangements accordingly.
- The tests will be closed book and closed notes tests. However, I will provide any statistical tables you may require and allow you to bring in one 8.5" x 11" formula sheet and calculator.
- Problem sets will be given throughout the course. Some problems will require you to use EXCEL Software. The best way to learn statistics is by solving problems. They are designed to help you study for the exam. Also remember that exam questions may be based on problem sets. It is therefore in your best interest to work on them thoroughly. I will grade only one problem out of each problem set, given that it is turned in on time. Late homeworks will not be graded.
- Class attendance is extremely important and active participation in class is strongly encouraged. You are always welcome to ask questions or raise an issue of interest. In certain cases, both class attendance and participation will be considered when determining a borderline grade.

-- If there is anything that you do not understand from the lectures, feel free to come see me during my office hours, or set up an appointment as soon as possible. Do not wait until the day before an exam to try to clarify or understand certain concepts. Also, the Academic Development Center (ADC), located on the second floor of O' Neill Library, provides free tutoring services. You should take advantage of those.

-- There are no formal prerequisites for this class. However, certain mathematical skills up to and including some of high school algebra are essential. You need to be able to manipulate fractions, simple equations, percentages, and decimals. The essential elements of the mathematical techniques required will be presented in class as we go along.

-- **Academic Integrity:** Please be advised that cheating on any exam or quiz will not be tolerated and will result in an automatic failing grade on the exam or quiz in question. This will be the minimum action taken. Please refer to the page on Academic Integrity taken from the BC Student Handbook.

## **V. Course Outline:**

Part I: Descriptive Techniques and Probability  
Chapter 1-7

Part II: Statistical Inference  
Chapter 8-19