



SPSS FOR STATISTICS

Fall semester, 2007

Professors:

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Aim and objectives:

Prerequisites:

This part of the course will provide students with hands-on experience with the SPSS. Students will be able to generate tabulated reports, charts and plots of distributions and trends, descriptive statistics and conduct some statistical analysis.

Teaching Methods:

There is 1 hour per week in the form of laboratory class.

Assessment Criteria:

Test

20% of final grade

Mobile phones are strictly not tolerated in the class for any use (including computations). Active participation is meant as the effort and the interest that a student shows in the class, including homework. After each session students are expected to study all the relevant material, read all the associated exercises, identify the difficult points and pose their questions in the next session either directly to me or in the class. **Cheating and plagiarism in any form will result immediately in the grade F. Students who are absent more than 20% of the total hours of the semester (i.e. 9 hours) may be required to withdraw from the course.**

Reference books:

Lind, Marchal, and Wathen, *Basic Statistics for Business & Economics*, fifth edition, McGraw-Hill, 2006.

A. Field, *Discovering Statistics Using SPSS*, second edition, Sage Publications

SYLLABUS:

1. THE SPSS ENVIRONMENT

Getting Started

The Data Editor

The Output Viewer

The Syntax Window

2. FURTHER OPERATIONS IN SPSS

Saving Files

Retrieving a File

Printing output, etc

3. EXPLORING DATA

Parametric Data

Graphing and Screening Data

Exploring Groups of Data

Testing Whether a Distribution is Normal

Graphing Means

4. CORRELATION

How Do We Measure Relationships?

Data Entry for Correlation Analysis Using SPSS

Bivariate Correlation

5. REGRESSION

An Introduction to Regression

Doing Simple Regression on SPSS

Interpreting a Simple Regression

Grading Scale and Quality Points:

<u>Grade</u>	<u>Percentage</u>	<u>Quality points</u>
A	96-100	4.00
A-	90-95	3.67
B+	87-89	3.33

B	83-86	3.00
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.67
D+	67-69	1.33
D	63-66	1.00
D-	60-62	0.67
F	0-59	0.00

Class Conduct: You are responsible for everything that is announced, presented or discussed in class. The way to avoid any misunderstanding associated with this course is to attend class. You are expected to attend class and I do keep attendance records. Please, be courteous during class; both to me and your colleagues. I find late arrivals distracting, which cause a decline in the quality of my lecture. Importantly, it is also disruptive to your colleagues. Please, refrain from talking during class; it is disruptive to your colleagues and the lecture. I expect the best behavior from all of you. This is what education is all about. Please, consider that **the language of instruction is English, so all our conversation into the class must be in this language.**

If you feel that you have special academic difficulties, please, make an appointment with Ms. Anxhela Gramo. Ms. Anxhela Gramo is trained to help students with learning difficulties. She shall provide this service to our students, just as it is offered in all American universities.