

**STA 6127 Statistical Methods in Social Research II Spring 2012**  
*Prerequisite STA 6126*

**Instructor:**

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**Office Hours:** TBA and by appointment.

**Teaching Assistant:** TBA

**Course Objectives:** Further topics in multiple regression, model building, analysis of variance, analysis of covariance, multivariate analysis of categorical data.

**Textbook:** Agresti & Finlay *Statistical Methods for the Social Sciences 4th Ed.* Prentice-Hall

**Other Materials:** A calculator for calculating sample mean, sample standard deviation and correlation coefficient. Datasets, assignments, etc. will be available on class website.

**Exams & Grading:**

**Exams:** There will be 2 tests, in class, on the following dates:

- Test – 1 on Friday, 2/15/2013
- Test – 2 on Wednesday, 4/24/2013
- There will be no final examination.

**Project:** There will be one project (0 points) that will be presented orally and in written format.

**Grading:** Grades will be based on two tests (45% each) and the project (10%).

Total points will be rounded up.

A:	90 – 100 %
B+:	85 – 89 %,
B:	80 – 84 %,
C+:	75 – 79 %
C:	65 – 74 %,
D+	Not given as department policy.
D:	60 – 64%,
E:	59 and lower.

No minus grades (like B- or C-) will be given. To see the effect of the + and – grades on your GPA look at the following link: <http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>.

**Makeup Exams:** Any exams that will be missed must be confirmed and documented as soon as possible, **before** the time of the exam.

Makeup exams will be decided on each case and may not be given.

**Computing:**

You will need a computer and access to statistical software for some problems. Examples will make use of SPSS and/or Minitab, but you may use any program you choose for solving problems and the project. Datasets will be posted on web in ASCII format and can be easily imported into any program.

**University Policies:**

**Academic Dishonesty:** All members of the University Community share the responsibility to challenge and make known acts of apparent academic dishonesty. Acts of academic dishonesty will not be tolerated and will be referred to the Student Honor Council.

**Academic Accommodations:** If you have a documented disability and wish to discuss academic accommodations with me, please contact me as soon as possible.

**Tentative schedule:**

Week(s)	Dates	Subjects	Sections
1	1/7 – 1/11	Review of Chapters 1 -10	1.1 – 10.5
2	1/14 – 1/18	Review of Chapters 1 -10	1.1 – 10.5
<b>3</b>	<b>1/21</b>	<b>Martin Luther King Day (No Classes)</b>	
3	1/22 – 1/25	Multiple Regression Model, $R^2$	11.1 – 11.3
4	1/28 – 2/1	Inference for MLR coefficients	11.4
5	2/4 – 2/13	Interaction between predictors	11.5
6 - 7	2/11 – 2/ 13	Comparing Regression Models & R	11.6 11.7
<b>7</b>	<b>2/15</b>	<b>TEST 1</b>	<b>11.1 – 11.5</b>
8	2/25 -3/1	Comparing several population means	12.1 – 12.3
<b>9</b>	<b>3/2 – 3/10</b>	<b>Spring Break (No classes) Please Drive Safely</b>	
10	3/11 – 3/15	Two-way ANOVA	12.4, 12.5
11	3/18 – 3/22	Repeated measures, assumptions	12.6 – 12.8
12	3/25 – 3/29	MLR and categorical variables	13.1 – 13.5
13	4/1 – 4/ 5	MLR model building & Diagnostics	14.1 – 14.3
14	4/8 – 4/12	Logistic Regression	15.1 – 15.4
15 - 16	4/15 – 4/22	Project Presentations	
16	<b>4/24</b>	<b>TEST 2</b>	<b>Chapters 12, 13, 14, 15</b>