

## SYLLABUS

**Subject:** Statistical Methods II  
**Lecture:** MTuWTr 2:00 - 3:50 pm, Room 119, HEC  
**Time Length:** 06/29/2009 Mon - 08/07/2009 Fri  
 Holiday: Friday, July 3  
**Instructor:** Dr. Xiaogang Su  
 Room 102  
 Computer Center II  
 (407) 823-2940 [O]  
[xiaosu@mail.ucf.edu](mailto:xiaosu@mail.ucf.edu)  
**Office Hours:** MW 1:00- 2:00 pm  
**Text Book:** McClave, J.T. and Sincich, T. (2006).  
*Statistics*, the tenth edition. Prentice-Hall Inc.  
**Course Web Page:** <http://pegasus.cc.ucf.edu/~xsu/CLASS/STA4163>  
**Prerequisite:** STA 2023 or STA 3032, i.e., Chp1-Chp9

- **Course Objective:** The goal of this course is to continue introducing some basic statistical methods and their applications in real data analysis.
- **Topics to be Covered:** Chp10-Chp14, including ANOVA and Basics of Experimental Designs, Simple Linear Regression, Multiple Regression, Contingency Tables, and Elementary Nonparametric Statistical Methods.
- **Grading:** There will be four midterms (the lowest score will be dropped) and one *comprehensive* final exam, which, in together, add up to your final grade. There will be also about 5 extra credits available coming from minipaper-typed quizzes at the end of a class.

Exam	Time and Date	Proportion
I	2:00 - 3:50 pm, Thursday 07/09	25%
II	2:00 - 3:50 pm, Thursday 07/16	25%
III	2:00 - 3:50 pm, Thursday 07/23	25%
IV	2:00 - 3:50 pm, Thursday 07/30	25%
Final	2:00 - 3:50 pm, Thursday 08/06	30%

The proposed grade assignment rule is listed below. Note that the total is based on 110.

Range	94+	93-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-
Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

- **Homework:** Homework assignments will be available on the course web page. No homework will be collected. However, it is highly recommended to do homework regularly and independently.