SYLLABUS

Subject:	Statistical Methods II with Computer
Lecture:	MWF 10:00-10:50 am, Room 336, MAP
Instructor:	Dr. Xiaogang Su
	Room 210C
	Computer Center II
	(407) 823-2940 [O]
	`xsu@pegasus.cc.ucf.edu`
Office Hours:	W 1:00-2:00 pm
	R 2:00-3:00 pm
Text Book:	McClave, J.T. and Sincich, T. (2003).
	Statistics, the Ninth Edition. Prentice-Hall Inc.
Course Web Page:	`http://pegasus.cc.ucf.edu/~xsu/CLASS/STA4165`
Prerequisite:	STA 2023 or STA 3032, i.e., Chp1-Chp9

- **Course Objective:** The goal of this course is to introduce some basic statistical methods and how to apply them in real data analysis. R, a free version of S/S+, is the primary statistical computing package for this class.

- **Topics to be Covered:** Chp10-Chp14, including ANOVA, Simple Linear Regression, Multiple Linear Regression, Contingency Tables, and Elementary Nonparametric Statistics.

- **Grading:** There will be three quizzes, two computer projects, and one comprehensive final exam, which add up to the final grades. Homework assignments will be available on the course web page. No homework will be collected. But you are strongly recommended to do homework regularly and independently before checking out the solutions.

	Time and Date	Proportion
Midterm I	10:00-10:50, Fri 02/07	20%
Project I	TBA	10%
Midterm II	10:00-10:50, Fri 03/07	20%
Midterm III	10:00-10:50, Fri 04/04	20%
Project II	TBA	10%
Final	10:00-12:50, Wed 04/23	30%

Range	94+	93-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F