STA 6166, Fall 2006

Class times: Tuesdays 7:25-9:20am, Tuesdays 8:30-9:20am  
Room: FLG room 210

Instructor: Machelle Wilson  
Email: sta6166@gmail.com  
Office: McCarty C, room 430  
Phone: 352 392 2545  
Office Hours: after class both days  
Course web page: [http://www.stat.ufl.edu/CourseINFO.htm](http://www.stat.ufl.edu/CourseINFO.htm)  
Text: A First Course in Statistical Methods, Ott and Longnecker, Duxbury Press.

TA: Upasana Santra  
Office: 417 McCarty C  
Email: usantra@stat.ufl.edu  
Phone: 392 3321 ext 238  
Office hours: Mondays 2-3, Tuesdays 2-3

Grading:  
30% homework  
40% exams 1, 2 (Oct 10th and Nov. 16th)  
30% final exam

Homework: Homework is not only a fairly substantial portion of your grade, but is vital to your success in this class. Working with other students on homework is allowed and even encouraged, so long as you hand in your own work, and do not simply copy someone else's work. Please make your homework legible and organized. Your standard should be: could someone else in this class who has not done the problem yet easily follow and understand my solution? Handwritten and/or unstapled homework will be returned without being graded. There will be 7 homework assignments due every couple of weeks. Please do not procrastinate until the weekend before they are due. These assignments are designed to take the amount of time that has been allotted for them.

Tests will be cumulative and closed book except for one 8 ½ by 11 sheet of notes (both sides). You may also use a calculator. No make-up exams will be given without a documented reason for missing the exam.

The Final Exam is Monday, Dec. 11, 12:30-2:30pm. The final will be comprehensive but will emphasize material after Exam 3.

Course Objectives: This course is the first semester of a two-semester introduction to statistical methods for researchers. It is intended primarily for students in disciplines outside of statistics who are seeking statistical tools for data analysis. This course will include an introduction to graphical and numerical methods of exploratory data analysis, relationships between variables, regression, data collection, probability and probability distributions, statistical inference through estimation, hypothesis testing, confidence intervals and analysis of variance.