Introduction to Statistics Theory
STA 4322 (097G) and STA 5328 (043C)
Fall 2012

Instructor:

J. P. Hobert
221 Griffin Floyd Hall

Class: MWF 12:50 - 1:40pm, Engineering Building (NEB) 202

Office Hours: MW 3:00-4:00pm, or by appointment

Course Web Page: `http://web.stat.ufl.edu/˜jhobert/sta4322.html`

Text:

7th edition of *Mathematical Statistics with Applications* by Wackerly, Mendenhall, and Scheaffer. We will cover the material in Chapters 7-11.

Objective:

This course is designed to provide a firm foundation in the basic theory of statistical inference. It covers the classical theory of estimation and hypothesis testing, as well as the theory of linear models and least squares. The probability theory developed in STA 4321 (or STA 5325) is used in developing the theory of estimation and hypothesis testing in the course.

Exams:

Three exams will each count for 1/3 of the final grade. The exams are tentatively scheduled for 5:30-7:00pm on September 27th (Thursday), November 1st (Thursday) and December 5th (Wednesday). No make-up exams will be given.

Grading:

The usual 10 point scale (90% for an **A**, 80% for a **B**, . . .) is tentatively adopted, but will most likely be loosened.

TA:

The Teaching Assistant (TA) for the course is Wei Xia. Wei's office is 218 Griffin-Floyd Hall. Wei will hold six regular office hours each week at the following times: 2nd period Tuesday and Thursday and 8th and 9th periods on Monday and Wednesday. In addition, Wei will hold a help session in Griffin-Floyd 230 from 5:30-7:00pm on the following days: September 26, October 31 and December 4. Note that these are the days before the three exams.

Homework:

Mastery of the material presented in this course requires a great deal of practice. Thus, although homework is not collected, it is imperative that you solve the problems that are posted on the course web page.

Policies:

Students are responsible for **all** material covered in class. If you are absent, make arrangements with a classmate to borrow the notes and any handouts from them. Handouts will be distributed **once and only once**.