Instructor:
J. P. Hobert
221 Griffin Floyd Hall

Class: MWF 10:40-11:30am, Little Hall 109

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 try 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 8:30-9:45pm on September 23, October 28 & December 9. 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 Tamal Ghosh. Tamal’s office is 218 Griffin-Floyd Hall. Tamal will hold five regular office hours each week. These will be 3rd & 4th periods on Tuesday, and 3rd, 4th & 5th periods on Thursday. In addition, Tamal will hold a help session in Griffin-Floyd 230 from 5:30-7:00pm on the following days: September 22, October 27 & December 8. 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.