

Introduction to Statistics Theory
STA 4322 (13F6) and STA 5328 (13F7)
Spring 2013

Instructor:

J. P. Hobert
221 Griffin Floyd Hall

Class: MWF 9:35 - 10:25am, Griffin-Floyd Hall (FLO) 100

Office Hours: MW 10:30-11:30am, 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 February 12th (Tuesday), March 26th (Tuesday) and April 23rd (Tuesday). 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 Hee-Min Choi. Hee-Min's office is 105 Griffin-Floyd Hall. Hee-Min will hold six regular office hours each week at the following times: 5th and 6th period on Monday, 5th period on Wednesday, and 2nd, 3rd and 4th period on Thursday. In addition, Hee-Min will hold a help session in Griffin-Floyd 230 from 5:30-7:00pm on the following days: February 11, March 25 and April 22. 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.