COURSE INFORMATION FOR 22S:194

Statistical Inference II

Spring 2007

INSTRUCTOR Richard Dykstra
217 Schaeffer Hall
Phone: 335-2847 (Home Phone 354-1812)
e-mail: dykstra@stat.uiowa.edu or richard-dykstra@uiowa.edu

OFFICE HOURS Monday, 2:30-3:30; Wednesday, Friday, 3:30-4:30 (or by appointment)

DEPARTMENT INFORMATION Department of Statistics and Actuarial Science
241 Schaeffer Hall
Phone: 335-0706

DEPARTMENT EXECUTIVE OFFICER Luke Tierney, 241 Schaeffer Hall
Luke-Tierney@uiowa.edu
Phone: 335-0712

PREREQUISITES 22:193. The course 22S:194 is the second part of the sequence 22S:193-194. It is a continuation of 193, and uses the same text.

TEXT The text for this course will be "Statistical Inference", by George Casella and Roger Berger, Second Edition and is available in the University Bookstore. The publisher is Wadsworth and Brooks/Cole. Additional references and reading material will be provided during the semester.

EXAMS There will be one two-hour midterm exam. This will be given in mid March. There will be a two-hour final exam given during finals week. Quizzes will be given from time to time, also.

HOMEWORK Written assignments are an essential element of the course, and will be expected of the students. Assignments will generally consist of 5-10 problems collected each Friday. Assignments must be turned in at the beginning of class on the day they are due. Late homework will be accepted only if prior arrangements are made.
ATTENDANCE  Attendance at lectures and participation in discussions is expected.

COURSE OBJECTIVES

The goal of this course is to provide students with a strong foundation and a clear understanding of statistical inference. This course serves as a prerequisite for several other courses and constitutes much of the core material for the Ph.D. and M. S. Comprehensive exams.

TOPICS CONSIDERED IN THIS COURSE

I plan to cover most of the material in Chapters 6 through 8 and selected sections of Chapters 9 and 10 of Casella and Berger. I will try and maintain an informal atmosphere and encourage class discussion and participation. Questions are always welcome and encouraged.

GRADING POLICY

The midterm exam will count approximately 35% of the course grade. The final exam will count approximately 40% of the course grade, and homework and quizzes will make up the other 25%. I don’t have preconceived cutoff points for the various possible grades. Those students who score the most points will get the highest grades. Course policies are governed by the College of Liberal Arts and Sciences. University policies regarding Student Rights and Responsibilities can be found at http://www.clas.uiowa.edu/students/academic_handbook/

STUDENTS WITH DISABILITIES

I would like to hear from anyone who has a disability which may require some modification of the seating, testing, or other class requirements so that appropriate arrangements can be made. Please see me about this as soon as possible.

ADDITIONAL HELP

Students are encouraged to see the instructor outside of class. An informal weekly problem session will be held during the semester and students are encouraged (but not required) to attend. The Department also maintains a list of possible tutors (see Tammy in Room 241). A list of independent tutors can be found at http://www.stat.uiowa.edu/courses/tutors.html

FINAL EXAM  7:30 A.M. Thursday, May 10, 2006