

STAT 6331: Statistical Inference I (Fall 2005)
Course Information and Syllabus

Goal: Learn basic concepts of statistical inference.

Text: *Statistical Inference*, 2nd edition, G. Casella and R. Berger, Duxbury, 2002.

Pre-requisite: STAT 5351 and MATH 5302 or equivalent; STAT 5352 strongly recommended.

Class: MW, 7 – 8.15 p.m., [FN2.106](#)

Instructor: Pankaj Choudhary, ECSN 3.908, 972-883-4436, pankaj@utdallas.edu

Office hours: W 3.00-4.00 p.m. or by appointment

Preparation: Read Chapters 1-4 of the text (covered by the pre-requisites)

Grades: Four 15-minute Quizzes (7.5% each) = 30%
 One 1¼ - hour in-class midterm exam = 30%
 One 2½ - hour comprehensive take-home final exam = 40%

- Incomplete grade is possible only in the case of a documented serious medical emergency near the end of the semester, with at least 70% of work completed at an on-going passing grade.
- No make-up or late quizzes and exams. However, it may be possible to take an exam/quiz early.
- Homework will be assigned but will not be collected or graded. Solutions will be provided.
- You can view your grades on WebCT: <http://webct.utdallas.edu/>
- One page of notes allowed for each quiz and two pages of notes allowed for the midterm.

Tentative schedule: (This schedule may change slightly during the semester. However, the quiz/exam dates are firm.)

	Chapters
Aug 22 – Sep 19	5-6
Sep 21 – Oct 12	7
Oct 17 – Oct 31	8
Nov 7 – Nov 14	9
Nov 16 – Nov 28	10

	Date	Coverage
Quiz 1	Sep 14	Topics covered until Sep 12 and Chapters 1 to 4 of the text
Quiz 2	Sep 28	Topics covered from Sep 14 – Sep 26
Midterm	Oct 17	Topics covered from Aug 22 – Oct 12
Quiz 3	Nov 2	Topics covered after midterm until Oct 31
Quiz 4	Nov 16	Topics covered from Nov 2 – Nov 14
Final	Nov 28	Comprehensive (Due on: Nov 30, 12 noon)