

STAT 2380, Fall 2005
Statistical Methods I (CRN 16665)
TR 1:30-2:50 p.m., Bell Hall 130A

Instructor: Dr. Ming-Ying Leung
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Office Hours: TR 3:00 – 4:30 p.m. or by appointment.

Teaching Assistant: Deepak Chandran (Bell Hall 130C, 747-8767, dchandran@utep.edu)
TR 9 - 10a.m.; W 10:30 – 11:30 a.m.

Course Objectives: As a first course in Statistics, this course introduces the fundamental concepts and techniques in descriptive and inferential statistics. Students will be able to:

1. Summarize, present, and interpret statistical results in useful ways.
2. Understand how statistical techniques can help us make important decisions.

Text and Materials: “Introduction to the Practice of Statistics, 5th Edition” by Moore and McCabe. A calculator (preferably a statistical calculator) is required.

Prerequisite: MATH 1320 (Math. for Social Science) or 1508 (Precalculus)

Co-requisite: STAT 2182 (Lab)

Syllabus: Chapter 1: Looking at Data - Distributions
Chapter 2: Looking at Data - Relationships
Chapter 3: Producing Data
Chapter 4: Probability and Inference
Chapter 5: Sampling Distributions
Chapter 6: Introduction to Inference
Chapter 7: Inference for Distributions
Chapter 8: Inference for Proportions

Grading: Homework/Project: 20% (HW due in class every Thursday
in Sept. & Oct. Project due on Nov. 29)
Class exercises: 10% (Individual or group quizzes in class)
Exam I: 20% (In class Thursday, September 29, 2005)
Exam II: 20% (In class Thursday, November 3, 2005)
Final Exam. 30% (4:00 – 6:45 p.m., December 8, 2005)

Class attendance is required. **NO MAKEUP EXAM** will be given except for emergency or medical reasons. In such cases, the student should inform the instructor within 48 hours of the scheduled exam time, and submit a written request accompanied by official documents to arrange for a makeup test. **Overdue assignments** will only be accepted for a good reason. However, the instructor reserves the right to discount part or all of the credit for any late homework.

LAST DAY TO DROP an individual course and receive a grade W is October 28, 2005.