

STAT 2381, Fall 2004
Statistical Methods II (CRN 17630)
TR 1:30-2:50 p.m., BUSN 329

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

Course Objectives: As a second course in Statistics, this course builds on the fundamental concepts of estimation and hypotheses testing that the students have previously learnt, and introduce several common statistical techniques for data analysis.

Scope: A continuation of Statistics 2380 with treatment of more advanced statistical methods. Chi-square goodness-of-fit and contingency table analysis, analysis of variance and multiple comparisons, multiple linear regression and correlation analysis.

Text: “Elementary Statistics, 9th Edition” by Mario F. Triola

Prerequisite: STAT 2380 and STAT 2182, or equivalent

Syllabus: Chapter 8: Inferences from Two Samples
Chapter 9: Correlation and Regression
Chapter 10: Multinomial Experiments and Contingency Tables
Chapter 11: Analysis of Variance

Grading:

Homework:	20% (Due in class about every Thursday)
Class exercises:	10% (Individual or group quizzes in class)
Exam I:	20% (In class Thursday, September 30, 2004)
Exam II:	20% (In class Thursday, November 4, 2004)
Final Project	30% (Due December 9, 2004)

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 18, 2004.