INTRODUCTION TO ECONOMIC STATISTICS

Economics 381
Fall 1980

Optional: Student Workbook (A copy is on reserve at Norlin Library)

Prof. Frank Hsiao
MWF 9:00-9:50

Sept. 3 Chap. 1, 2 Descriptive Statistics for samples
Sept. 3 Chap. 2 Frequency Tables and center of a Distribution
Sept. 15 Chap. 3 Spread of a Distribution and Linear Transformation on Probability
Sept. 22 Chap. 3, 4 Probability and Distribution
Sept. 29 Chap. 4 Probability Distribution
Oct. 6 Chap. 5 Two Random Variables
Oct. 13 Chap. 6 Sampling
Oct. 15 The First Test (Chapters 1 to 5) 30%
Oct. 20 Chap. 7, 8 Point Estimation (7.1, 7.2) and Interval Estimation (8.1-8.5)
Oct. 27 Chap. 9 Hypothesis Testing (9.1-9.4, 9.6)
Nov. 3 Chap. 9, 11 Hypothesis Testing, Fitting a Line
Nov. 10 Chap. 12 Regression Theory
Nov. 14 The Second Test (Chapters 6 to 9) 30%
Nov. 19 Chap. 13 Multiple Regression
Nov. 24 Chap. 13 Multiple Regression
Nov. 27-28 Thanksgiving Break
Dec. 1 Chap. 14 Correlation
Dec. 8 Chap. 23 Index Numbers
Dec. 16 Final Exam (Chapters 1 to 9, 11 to 14, and 23) 40%

Notes:
1. Test dates are firm. Please prepare long before the test.
2. If you are going to miss, or have missed the test, hand in a written statement to the instructor.
3. Homework - handed in on time: 10 points
   late before grading: 7 points
   late after grading: 5 points
4. 5% of total homework grades will be added to the total test grades.
5. PLEASE COME IN AND TALK WITH YOUR INSTRUCTOR ABOUT ANY PROBLEM(S) RELATED TO THE COURSE.

Office Hours: MWF 10-11
Office Telephone: 492-7903
Economics 381  
Spring 1979  

Introduction to Economic Statistics  
Prof. Hsiao  
(Econ. 103)

Jan 23  
30  
Ch. 1  
Introduction

Feb 6  
13,22  
Ch. 3  
Descriptive Measures

13,22  
Ch. 4  
Elementary Probability

27  
The First Mid-term Test (Ch. 1, 2, 3, 4) - 30%

Mar 6  
13  
Ch. 5  
Populations, Samples, and Distributions

20  
Ch. 6  
Sampling Distribution

27  
SPRING BREAK

April 3  
10  
Ch. 8  
Test of Hypotheses

12  
Ch. 9  
Two-Sample Techniques

17  
The Second Mid-term Test (Ch. 5, 6, 7, 8) - 30%

24  
Ch. 11  
Regression and Correlation

May 1  
8  
Ch. 15  
Index Numbers

15  
Ch. 14  
Time Series Analysis

FINAL EXAMINATION (Ch. 9, 11, 15, 14, and 1 question from Chs. 1-8) - 40%