Textbooks: 

Date:

Part I. Microcomputers and Lotus 1-2-3 Program

1/24 Balas, Ch. 1, 2 Using Worksheet
1/29 Balas, Ch. 3,4 Copy, Sum, Print, File Combine, and Graphics
2/5 Balas, Ch. 5,6 A Simulation Model and Sorting

Part II. Input-Output Analysis (IO)

2/12 OH, Appendix Review of the Inverse Matrix (pp. 189-202)
2/19 OH, Ch. 1,2 The Gauss-Jordan Method of Finding Inverse Matrix
2/26 OH, Ch. 1,2 Review of Input-Output System
(also see Chiang, Ch. 5,6)

2/28 FIRST MIDTERM TEST (30%)

3/5 OH, Ch. 3 Multiplier Analysis
3/12 OH, Ch. 4,5 Special Topics
3/19 OH, Ch. 6 Updating of Coefficients

3/26 SPRING BREAK

4/2 OH, Ch. 7 Applications: Agricultural Policy
4/9 OH, Ch. 8 Applications: Import Substitution Problems

Part III. Linear Programming (LP)

4/16 OH, Appendix to Ch. 9, pp. 167-173
4/18 SECOND MIDTERM TEST (30%)
4/23 The H Table, also see Chiang, Ch. 19, 20
4/30 OH, Ch. 9, Linear Programming and Input-Output Analysis

Part IV. Calculus

5/7 Difference, Differentials, and Taylor’s Expansion (Chiang, Ch. 8,9)
5/14 Production Functions and Growth Equations (Chiang, Ch. 12)
5/21 FINAL EXAM (40%) (FINAL EXAM IS COMPREHENSIVE)
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. Otherwise, the test will be given ZERO POINT at the end of the semester.
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 grades.
5. PLEASE COME IN AND TALK WITH YOUR INSTRUCTOR ABOUT ANY PROBLEM RELATED TO THE COURSE. ESPECIALLY, IF YOU HAVE WORKED HARD, LET THE INSTRUCTOR KNOW.

Office: Econ. 103
Office Hours: TTH 9:30-10:45, or by appointment.
Office Telephone: 492-7908

SOME REFERENCES:

Part I. Microcomputers and Lotus 1-2-3


Part II. Input-Output Analysis

Bulmer-Thomas, V., Input-Output Analysis in Developing Countries: Sources, Methods and Applications, Wiley, 1982.

Part IV. Calculus