

ECON 172A -- SYLLABUS (WINTER 2006)

Foster, UCSD, April 17, 2008

Teaching Staff and Consultation Hours

- Carroll B. Foster, Ph.D. (instructor) Telephone: (858) 534-7133
Office hours: MWF, 9-9⁵⁰ am ECON 110C <email still not connected>
- Jose Rangel (ta) Th, 1-2 pm ECON 121 <jgrangel@econ.ucsd.edu>
- Nagore Iriberrri (gr) _____ SEQ 239 <niriberr@econ.ucsd.edu>

Course Information

- Intro/Operations Resrch A (550126) – MWF, 8-8⁵⁰ am, SOLIS 107
- Description: Theory and applications of linear programming. Homework uses EXCEL with SOLVER add-in.
- Prerequisites: Math 20F (lin. algebra); Ec 120A (statistics -- may take concurrently.)
- Course webpage: **www.econ.ucsd.edu** (click link “*Courses/webpages & office hours*”)

Books and Materials

- Foster, Ec 172A Course Packet [Soft Reserves]
- Computer accounts [provided in class]

Calendar

- Change grade option or drop w/o “W” thru Friday, 3 FEB.
- Drop w/o “F” thru Friday, 10 MAR.
- Holidays: M, 16 JAN (MLK); M, 20 FEB (Presidents’ Day).
- Midterm: Wednesday, 15 FEB, in class.
- Final: Monday, 20 MAR, 8-11 am, SOLIS 107 (or _____)

Examinations and Grading

Midterm = 50 points; cumulative/comprehensive final = 150 points; homework = 50 points (after adjustment). Open notes exams. Regrade period = 1 week after papers returned. Late homework penalty = ½ score. No homework accepted after answer key posted or papers returned. **No make-up or rescheduled exams.** Cheating = 0 on assignment.¹

Grade Curve	
Gr	Ranking
A±	Top 20%
B±	High 30%
C±	Mid 40%
D/F	Low 10%

OUTLINE

- TOPIC 0 OVERVIEW OF OPERATIONS RESEARCH
- TOPIC 1 INTRODUCTION TO LINEAR PROGRAMMING
- TOPIC 2 EXCEL SOLUTIONS & SENSITIVITY I
- TOPIC 3 APPLICATIONS & VARIATIONS
- TOPIC 4 THE SIMPLEX METHOD
- TOPIC 5 DUALITY & SENSITIVITY II

¹ I give multiple versions of tests. If you have the right answers for some other version, you are busted.