

ECON 172A -- SYLLABUS (WINTER 2005)
Foster, UCSD, February 25, 2005

Teaching Staff and Consultation Hours

- Carroll B. Foster, Ph.D. (instructor) Telephone: (858) 534-7133
Office hours: MWF, 12-1 pm, ECON 110C Email: <cfoster@econ.ucsd.edu>
- Nagore Iriberrri -W, 2³⁰-3³⁰ pm SEQ 239 <niriberr@econ.ucsd.edu.
- R Serrano-Padial T, 10³⁰-11³⁰ am ECON 128 <riserranopadial@ucsd.edu>

Course Information

- Operations Research (519156) – MWF, 1-1⁵⁰ pm, SOLIS 107
- Description: Theory and applications of linear programming. Homework uses EXCEL.
- Prerequisites: Ec 120A (statistics); Math 20F (linear algebra).
- Course webpage: www.econ.ucsd.edu (click link “*Courses/webpages & office hours*”)

Books and Materials

- Foster, [Ec 172A Lecture Notes and Course Materials](#) [Course webpage]

Calendar

- Change grade option or drop w/o “W” thru 28 JAN.
- Drop w/o “F” thru 4 MAR.
- Holidays: M, 17 JAN (MLK); M, 21 FEB (President’s Day).
- Midterm: Wednesday, 16 FEB, in class.
- Final: Tuesday, 15 MAR, 11³⁰-2³⁰ pm, SOLIS 107 (or _____)

Examinations and Grading

Midterm = 50 points; cumulative/comprehensive final = 150 points; homework = 50 points (after adjustment). Exams open book/notes. Regrade period = 1 week after papers returned. Late homework penalty = ½ score. No rescheduled/make-up exams. Cheating = F plus penalty imposed by dean.¹

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

OUTLINE

- TOPIC 0 INTRODUCTION TO 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.