

ECON 172A SYLLABUS (FALL 2000)

Foster, UCSD, September 23, 2000

Instructor/Assistants

- Carroll B. Foster, Ph.D. (instructor) <cfoster@weber.ucsd.edu>
Consultation: MWF 1-2:15 pm Room: ECON 110C Tel: 534-7133
- A. Patton (TA) <apatton@weber.ucsd.edu> ECON 100
- D. Chiquiar (TA) <chiquiar@weber.ucsd.edu> M 230-330 pm ECON 127

Course Information

- Schedule ID: Introduction/Operations Resrch (382401)
- Lecture: MWF, 11:15-12:05 pm Room: YORK 2622
- Evening Session: M, 7-8:50 pm Room: YORK 2622¹
- Description: Theory and practice of linear programming; homework uses EXCEL.
- Prerequisite: Math 20F (for linear algebra).

Calendar

- Change grade option or drop w/o "W" thru F, 26 OCT
- Drop w/o "F" thru M, 27 NOV
- Holidays: F, 10 NOV (Veterans); TH-F, 23-24 NOV (Thanksgiving)
- Midterm: Monday, 30 OCT, 7-8:50 pm, YORK 2622
- Final: Monday, 4 DEC, 11:30-2:30 pm, YORK 2622 or _____

Books and Materials

- Hillier & Lieberman, *Intro. to Math. Programming* (2d ed.) [Bookstore]
- Foster, "Ec 172A Course Packet" [Soft Reserves]
- Computer account slips [in class]

Examinations and Grading

Midterm = 100 points, final = 150 points, homework = 80 points.
Late homework penalty = 1/2 of score. Exams open book/notes.
Regrade period = 1 week after return. Final on schedule ONLY.
Cheating = F + trip to your dean.

Gr	Points
A+	94-99%
B+	87-93
C+	78-86
D	69-77

COURSE OUTLINE/READING LIST

Grade Scale

Topic Number and Title	H/L
0. INTRO TO OPER. RESEARCH	Ch. 1-2
1. INTRO TO LINEAR PROGRAMMING	\$3.1-3.3
2. EXCEL SOLUTIONS & SENSITIVITY I	
3. APPLICATIONS & VARIATIONS	\$3.4-3.6
(midterm)	
4. THE SIMPLEX METHOD	Ch. 4-5
5. DUALITY & SENSITIVITY II	\$5.3; Ch. 6
6. TRANSPORTATION APPLICATIONS	Ch. 8 ²
(final)	

¹ Used for midterm and reviews; dates will be announced beforehand.

² If time permits.