

ECON 172C SYLLABUS (SPRING 2003)

Foster, UCSD, March 17, 2003

Instructor

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Consultation: MWF, 12 - 12⁵⁰ pm, ECON 110C . . . <cfoster@weber.ucsd.edu>

Course Information

- Schedule ID: Introduction/Operations Resrch (466818)
- Lecture: MWF, 2 - 2⁵⁰ pm, CENTER 101
- Description: Third Operations Research course (may be taken before or with Econ 172B). Emphasis on dynamic programming, but includes selected other topics. Computer assignments (if any) use EXCEL.
- Prerequisite: Econ 172A.

Books and Materials

- Winston, *Operations Research*, 3rd ed. [optional]
- Hillier & Lieberman, *Intro to Mathematical Programming*, 2nd ed. [optional]
- Foster, Econ 172C Course Packet [Soft Reserves]

Calendar

- Change grade option or drop w/o "W" thru F, 25 APR.
- Drop w/o "F" thru F, 30 MAY.
- Holiday: Monday, 26 MAY (Memorial Day).
- Midterm: Wednesday, 7 MAY, in class.
- Final: Friday, 13 JUN, 3 - 6 pm, CENTER 101 or _____.

Examinations and Grading

Midterm (50 points); comprehensive final (150 points); open book/notes. Graded homework (50 points adjusted, $\frac{1}{2}$ score late penalty until returned). 1-week regrade period after papers returned. No makeup/rescheduled exams or HW. Cheat = F + memo to dean.¹

Gr	Points
A±	94-99%
B±	85-93
C±	74-84
D	62-73

Grade Scale

COURSE OUTLINE/READING LIST

Topic	Winston	H&L
NETWORK MODELS	ch 7-8	ch 8-9
DETERMINISTIC DP	ch 20	ch 10
STOCHASTIC DP	ch 21	\$10.4
MARKOV PROCESSES	ch 19	
QUEUEING THEORY	ch 22	
SIMULATION	ch 23	
INVENTORY MODELS	ch 16-18	

¹I give multiple versions of tests. If you have the right answer for some other version, you will be accused of copying (cheating).