

# ECON 172C -- SYLLABUS (SPRING 2005)

## Foster, UCSD, April 24, 2008

### Teaching Staff and Consultation Hours

- |  |                                |
|--|--------------------------------|
| • Carroll B. Foster, Ph.D. (instructor)            | Telephone: (858) 534-7133      |
| Office hours: MWF, 9-9 <sup>45</sup> am, ECON 110C | Email: <cfoster@econ.ucsd.edu> |
| • Ricardo Serrano-Padial T, 10-11 am ECON 128      | <riserranopadial@ucsd.edu>     |
| • Adam Sanjurjo Th, 1-2 pm ECON 128                | <asanjurjo@ucsd.edu>           |
| • Augusto Nieto F, 12-1 pm SEQ 238                 | <anieto@econ.ucsd.edu>         |
| • José Rangel Th, 10-11 am ECON 121                | <jgrangel@econ.ucsd.edu>       |

### Course Information

- Lecture (528641) – MWF, 10-10<sup>50</sup> am, CENTER 101
- Description – Operations research, emphasizing deterministic and stochastic dynamic programming (a technique for finding an optimal sequence of decisions through time).
- Prerequisite: Ec 172A; Ec 172B and C may be taken in either order or concurrently.
- Course webpage: [www.econ.ucsd.edu](http://www.econ.ucsd.edu) (click link to “Courses/webpages & office hours”)

### Books and Materials

- Foster, Ec 172C Lecture Notes and Math Supplement [At course webpage]
- Computer accounts [provided in class]

### Calendar

- Change grade option or drop w/o “W” thru Friday, 22 APR.
- Drop w/o “F” thru Friday, 27 MAY.
- Holidays: Monday, 30 MAY (Memorial Day)
- Midterm: Friday, 29 APR, in class.
- Final: Tuesday, 7 JUN, 8-11 am, CENTER 101 or \_\_\_\_\_

### Examinations and Grading

Midterm = 50 points; cumulative/comprehensive final = 150 points; homework = 25 points (after adjustment). Exams are open-notes. Regrade period is 1 week after papers returned. Late homework penalty = ½ score. No homework accepted after answer key posted at webpage. **No rescheduled/make-up exams.** Cheating gets you an F in course.<sup>1</sup>

#### **Grade Curve**

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

## COURSE OUTLINE/READING LIST

TOPIC 1 – NETWORKS I

TOPIC 2 – NETWORKS II

TOPIC 3 – DETERMINISTIC DYNAMIC PROGRAMMING

TOPIC 4 – STOCHASTIC DYNAMIC PROGRAMMING

TOPIC 5 – CONTINUOUS DYNAMIC PROGRAMMING

---

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