# ECON 172C -- SYLLABUS (FALL 2006)
## Foster, UCSD, September 12, 2006

## Teaching Staff and Consultation Hours

- Carroll B. Foster, Ph.D. (instructor)          Telephone: (858) 534-7133
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## Course Information

- Course: Intro to Operations Research C (568649) – MWF, 8-9 am, PETERSON 102
- Description: Networks, dynamic programming, computer simulation, inventory models.
- Prerequisite: Econ 172A

## Books and Materials

- No textbook required.
- Foster, Ec 172C Course Packet  [Soft Reserves]

## Calendar

- Change grade option or drop w/o "W" thru F, 20 OCT
- Drop w/o "F" thru M, 27 NOV
- Holidays: F, 10 NOV (Veterans' Day); Th-F, 23-24 NOV (Thanksgiving)
- Midterm: Wednesday, 25 OCT, in class
- Final: Friday, 8 DEC, 8-11 am, PETERSON 102 or _____

## Examinations and Grading

Midterm = 50 points; cumulative/comprehensive final = 150 points; home-work = 25 points (after adjustment). Exams open book/notes.  Regrade period = 1 week after papers returned.  Late homework penalty = ½ score.[1] No rescheduled/make-up exams.[2]  Cheating = F + penalty imposed by your college.[3]

| Grade Scale | |
|---|---|
| Gr | Points |
| A± | 93-99% |
| B± | 85-92% |
| C± | 64-84% |
| D | 00-63% |

## COURSE OUTLINE

TOPIC 1 – NETWORKS I
TOPIC 2 – NETWORKS II (PROJECT SCHEDULING)
TOPIC 3 – DETERMINISTIC DYNAMIC PROGRAMMING
TOPIC 4 – STOCHASTIC DYNAMIC PROGRAMMING
TOPIC 5 – INVENTORY MODELS
TOPIC 6 – COMPUTER SIMULATION & QUEUING THEORY

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[1] Put early papers in wire basket on countertop in SEQ 245.  No papers accepted after graded papers returned.
[2] Please note that you MUST take the final exam with the rest of the class on Friday of finals week!
[3] I often give multiple versions of tests.  If you have the right answers for some other version, you are busted.