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

Teaching Staff and Consultation Hours

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- Ricardo Serrano-Padial _____   <riserranopadial@ucsd.edu>
- Weiwei Chen   W 3³⁰–5³⁰ ECON 124   <w1chen@ucsd.edu>
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- Karmen Suen   T, 2-4 pm, SEQ 239   <ksuen@econ.ucsd.edu>

Course Information

- Course: Intro to Operations Research A (568648) – MWF, 11-12 n, PETERSON 108
- Description: Technique and theory of linear programming.
- Prerequisite: Math 20F; Econ 120A (120A may be taken concurrently)

Books and Materials

- No textbook required.
- Foster, Ec 172A 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: Friday, 27 OCT, in class
- Final: Monday, 4 DEC, 11³⁰ – 2³⁰ pm, PETERSON 108 or _____

Examinations and Grading

Midterm = 50 points; cumulative/comprehensive final = 150 points; home-
work = 50 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. Cheating = F + penalty imposed by college.[2]

Grade Scale	
Gr	Points
A±	94-99%
B±	88-93%
C±	76-87%
D	00-75%

COURSE OUTLINE

TOPIC 0 – OVERVIEW OF OPERATIONS RESEARCH
TOPIC 1 – INTRODUCTION TO LINEAR PROGRAMMING
TOPIC 2 – EXCEL SOLUTIONS & SENSITIVITY I
TOPIC 3 – APPLICATIONS & VARIATIONS
TOPIC 4 – THE SIMPLEX ALGORITHM
TOPIC 5 – DUALITY & SENSITIVITY II

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[1] Put early papers in wire basket on countertop in SEQ 245. No papers accepted after graded papers returned.
[2] I often give multiple versions of tests. If you have the right answers for some other version, you are busted.