

University of California, San Diego  
Department of Economics  
Winter Quarter 2007

## ECON 170B: Management Science Microeconomics

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Office Hours: Thursday 2:00-3:20  
Office: Economics Bld. #113  
Lectures: WF 5:00-6:20 Ledden Auditorium  
Website: <http://weber.ucsd.edu/~anieto/Econ170B>

### Text/Readings

• Required Text: Walter Nicholson, *Microeconomic Theory: Basic Principles and Extensions*, 9<sup>th</sup> Edition. The textbook is available at the bookstore.

### Course Description

This course is the continuation of Econ 170A. We will start from where you left in that course. After a brief review of Econ 170A, we will discuss topics on imperfect competition (oligopoly), game theory, decisions under uncertainty, economics of information, pricing strategies, market failure and the interaction between firms and the government.

### Grading

Midterms (2): 30% each  
Final: 40%

The midterms will be in lecture time on Friday, Jan. 26 and Friday, Feb. 23. There will be no makeup exams. If you have to miss a midterm **for a medical or another University approved reason**, the weight will be allocated to the remaining exams. Please refer to tritonlink for the final exam time and location.

Midterm exams will not be cumulative, but the final exam will be.

### Homework

Homework will be assigned but will not be collected. Solutions for each problem set will be provided at the course web site. It is very important that you work on the problem sets and understand them, since they are the best preparation for the exams.

## **Teaching Assistants**

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## **COURSE OUTLINE**

**Topic 1:** Review

**Topic 2:** Oligopoly  
Nicholson, Chapter 14

**Topic 3:** Game Theory and Pricing Strategies  
Nicholson, Chapter 15

**Topic 4:** Uncertainty and Risk Aversion  
Nicholson, Chapter 18

**Topic 5:** Economics of Information  
Nicholson, Chapter 19

**Topic 6:** Market Failure  
Nicholson, Chapter 20