

ECON 4070-001: Topics in Microeconomics

Spring 2007

Professor Yongmin Chen

Office: Econ 112

Tel. (303) 492-8736

Class Time: 2:00-3:15 PM on Tuesdays and Thursdays

Classroom: ECON 119

Office Hours: 9:30-11:00 AM and 3:30-5:00 PM on Tuesdays

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Course Description

Topics in Microeconomics discusses individual decision making and strategic interactions, with emphasis on uncertainty and asymmetric information. The course comprises three parts. Part I reviews mathematical concepts and game theory. Part II examines decision making under uncertainty. Part III studies issues related to asymmetric information, adverse selection, and moral hazard. The course meets a requirement for the Actuarial Studies Certificate Program.

Prerequisites & Grading

Students must have successfully completed *ECON 3070 Intermediate Microeconomics* and *ECON 4808 Introduction to Mathematical Economics*, or the equivalent, before taking this course. The course will be taught with mathematical emphasis. Students should be familiar with microeconomic principles, algebra, calculus, optimization techniques and probability covered in prerequisite classes.

Grades are based on homework and class participation (20%), one midterm exam (30%), and a final exam (50%). The final exam is scheduled for Saturday, May 5, at 10:30 AM. To receive a