

ECON 7030: MICROECONOMIC THEORY 2

Spring 2011

Instructor: Yongmin Chen

Office: ECON 112

Class Time: 3:30-4:45, TR

Classroom: ECON 119

Office Hours: 1:30-3:15PM, Thursday

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Course Description: This is the second graduate course in microeconomic theory. It consists of three main parts: choice under uncertainty; non-cooperative game theory; and market equilibrium and market imperfections. Together with ECON 7010 (Microeconomic Theory 1), this course aims to provide students with a solid understanding of the fundamentals of microeconomic analysis.

Course Materials: The textbook is *Microeconomic Theory*, by Mas-Colell, Whinston, and Green. The covered materials will range from Chapter 6 in Part I to most chapters in Parts II and III of the book.

Grading: Grades are based on homework and class participation (10%), a midterm exam (40%); and a final exam (50%). You are encouraged to form study groups to discuss homework and lecture materials. Both exams will be in closed-book forms.

Problem Sets: There will be regular assignment of problem sets. Normally, there will be one problem set for each topic. You should start working on the problem set once we have started the topic, and hand in your problem set the next Tuesday following the last class on the topic. For each problem set, the TA will select randomly half of the students and grade their problem sets. A student's performance on problem sets will be calculated based on his (her) problem sets that are actually graded. However, if a problem set is not turned in on time, this problem set will receive a score of zero. For every other week, the TA will hold a recitation in which the problem sets are discussed. Additional sessions can be added if there is such a need. I want to emphasize that solving these problems is crucial for you to learn the course materials.

Lecture Topics

Topic 8 Market Power: Static Models of Monopoly and Oligopoly
(Weeks 13-14) Readings: Ch. 12: 12A-12C.

Problem Set 8: 12.B.4, 12.B.5, 12.B.9, 12.C.3, 12.C.9.

Topic 9 Dynamic Models of Imperfect Competition and Entry
(Week 15) Readings: Ch. 12: 12D-12E.

Problem Set 9: 12.C.18, 12 D.2., 12 E.4., 12 E.7.

Final Exam

University Policies

Students with Disabilities

Discrimination and Harassment

The University of Colorado at Boulder policy on Discrimination and Harassment, the University of Colorado policy on Sexual Harassment, and the University of Colorado policy on Amorous Relationships apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, age, disability, creed, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at (303) 492 2127 or the Office of Judicial Affairs at (303) 492 5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

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