

Economics 500: Microeconomic Theory
State University of New York at Binghamton
Department of Economics
Fall, 2004

Professor: Daniel J. Henderson
Lecture: TR 4:25 – 5:50 pm, Room SW329
Office: Library Tower, Room 1013
Office Hours: TR 3:00 - 4:00 pm
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Teaching Assistant: Jeff (Jun) Xiang
Discussion: F 1:10 – 2:10 pm, Room LNG85
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Office Hours: T 11:00 – 12:00 pm
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Course Description:

This course consists of a review of neo-classical price theory with analytically rigorous geometrical presentation with occasional use of elementary calculus. It covers various extensions of demand and supply theory, including imperfect information, intertemporal choice and imperfect competition. In addition, it offers an in-depth treatment of general equilibrium, welfare economics and game theory.

Textbooks:

Microeconomic Theory, Basic Principles and Extensions, 9th edition
Nicholson, South-Western: 2004, ISBN: 0324270860

Intermediate Microeconomics and its Application, 9th edition
Nicholson, South-Western: 2000, ISBN: 0324171633 (Optional)

Mathematics for Economists
Simon and Blume, Norton, 1994, ISBN: 0393957330 (Optional)

Fundamental Methods of Mathematical Economics
Chiang, McGraw Hill, 1984, ISBN: 0070108137 (Optional)

Prerequisites:

Graduate standing in economics or consent of the instructor

Grading Policy:

The course will consist of several homework assignments, one in-class midterm examination, and one comprehensive final examination (T Dec 14, 7:00-9:00pm LNG85). The course grade will be determined according to the following formula:

Homework	20%
Midterm	30%
Final Exam	50%.

Note that no late assignments will be accepted. Further, no make-up exams will be given. If a student misses the midterm examination for any reason, the weight of that examination will be added to that of the final examination

Course Outline:

Mathematics for Microeconomics

- Review

Demand

- Consumer Theory
- Extensions
 - Public Policy and Welfare
 - Imperfect Information
 - Intertemporal Choice

Supply

- Producer Theory
- Extensions
 - Imperfect Information
 - Intertemporal Choice

Midterm

General Equilibrium and Welfare

- First Fundamental Theorem of Welfare Economics
- Market Failures and Government Intervention

Game Theory

- Games with Perfect Information
- Games with Imperfect Information

Final Exam

Note that the schedule is subject to change depending on the pace of the course.