

ECON 300: Intermediate Microeconomics,
Winter 2015, Judith Thornton, Savery 332
Class Hours: TTh 1:30-3:20; Office Hours 3:20-5:00 TTh, W 11:00-12:00 and by appointment
E-mail: thornj@u.washington.edu

Course Description: In this course we analyze the economic behavior of individuals and firms, exploring how they respond to changes in the opportunities and constraints that they face and how they interact in markets. We develop basic tools that are used in many fields of economics, including household economics, labor economics, production theory, international economics, natural resource economics, public finance, and capital markets.

We use microeconomics as a problem-solving tool to ask questions and to set up and solve qualitative and quantitative problems that allow us to think analytically about events that take place in the real world. We seek to apply a set of propositions or theories that will allow us to state refutable propositions and to predict the likely outcomes of changes in public policies. Developing the ability to use microeconomic tools actively to set up and solve problems takes time. The best way to acquire skill in problem-solving is intensive practice. There will be regular problems sets building on graphical and quantitative tools, applying algebra and calculus. You will get additional practice by doing End-of-Chapter questions.

I will give you frequent practice problems. Students may work together in groups or get help from others in doing the practice problems as homework. Instead of grading homework separately, you will have in-class quizzes and exams measuring your ability to use the economic theories to solve problems.

Learning Goals:

Fundamental Knowledge

Understand how individuals and firms respond to changes in opportunities and constraints in a world of scarcity;

Understand how prices inform decisions about what to produce, how to produce, and who receives goods and services;

Understand how government policies affect the allocation of resources in a market economy;

Understand how market structures and economic arrangements influence the behavior of decision-makers and the allocation of resources.

Applications

Use microeconomic theory to understand and explain economic behavior;

Use calculus and the Lagrangian method to solve constrained optimization problems;

Consider decision-making in uncertain and imperfectly competitive environments to analyze the strategic choices of decision-makers;

Evaluate the economic content of publications and presentations;

Develop the skill to apply economic reasoning in thinking about real world economic choices.

Prerequisites: ECON 200 and 201 and calculus.

Text: *Microeconomics* (Seventh Edition) by Jeffrey M. Perloff. Students may substitute any version of Perloff's Fourth, Fifth, or Sixth Edition in place of the Seventh Edition, if they prefer. The chapter assignments are listed in the Syllabus, below. (Be sure to read the cross-chapter examples and Appendices.)

Grading: There are three brief quizzes and three hour tests. The hour tests are scheduled for Jan 27, Feb 19, and Mar 12. The short quizzes are on Jan 20, Feb 10, and Mar 5. The final grade for the course is based on three hour tests (30% each), and the quizzes (4% each) Make-up exams will be given only under extraordinary circumstances that can be documented with a note from a physician.

Academic Integrity: Students in this class are encouraged to work together when they are doing homework and practice problems. However, students are accountable for their own performance on quizzes and exams. Academic integrity is the cornerstone of the Department's rules for student conduct and evaluation of student learning. Students accused of academic misconduct will be referred directly to the Office of Community Standards and Student Conduct for disciplinary action pursuant to the Student Conduct Code and, if found guilty, will be subject to sanctions. Sanctions range from a disciplinary

warning, to academic probation, to immediate dismissal from the Department and the University, depending on the seriousness of the misconduct. Dismissal can be, and has been, applied even for first offenses. **Moreover, a grade of zero can be assigned by the instructor for the course.**

Readings and assignments follow the schedule, below.

Schedule and Readings	
Tuesday 6-Jan Market System, Math Review Reading: Ch 1, Math Review (web)	Thursday 8-Jan Supply and Demand Reading: Ch 2
13-Jan Applying Supply and Demand Reading: Ch 3	15-Jan Consumer Choice Reading: Ch 4
20-Jan Quiz 1 Consumer Choice Reading: Ch 4	22-Jan Applying Consumer Theory Reading: Ch 5
27-Jan HOURLY TEST 1	1/29/2013 Firms and Production Reading: Ch 6.1 - 6.3
3-Feb Long-Run Production Readings: Ch 6.4 - 6.6	5-Feb Costs Readings: Ch 7
10-Feb Quiz 2 Competitive Markets, Ch 8	12-Feb Competition and Welfare Reading: Ch 9
17-Feb Monopoly Reading: Ch 11	19-Feb HOURLY TEST 2
24-Feb Pricing and Market Power Reading: Ch 12	26-Feb Oligopoly Reading: Ch 13.1 - 13.4
3-Mar Oligopoly Reading: Ch 13.5 - 13.6	5-Mar Quiz 3 Game Theory Reading: Ch 14
10-Mar Factor Markets Reading: Ch 15	12-Mar HOURLY TEST 3