

# Econ 300F: Intermediate Microeconomics

## Syllabus

Autumn Quarter 2015

### Logistics

Instructor - Jenny Ho

Lectures: 12:30 - 2:20pm TTh in LOW 106

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Office hours: TTh 2:30-3:30PM

Course website: <https://catalyst.uw.edu/workspace/jmho/51467/>

### Overview

This course is a continuation of Introduction to Microeconomics. However, in this class, we model behavior using concepts from calculus. This will involve solving constrained optimization problems to understand how firms and consumers make decisions. We will see how the interactions of these decisions will determine equilibrium prices and quantities. Finally, we will study game theory to understand the strategic behavior of individuals or organizations.

### Grading

**Homework:** - not for a grade, solutions will be posted a week after homework is posted

**Quizzes:** 30% - 30 min quizzes. There will be 4 quizzes and lowest score will be dropped. Announced about 1 week in advance.

**Midterm:** 35% - 6th week

**Final:** 35% - tbd (Finals Week)

**No makeup exams or quizzes**

## Required Text

Microeconomics (6th or 7th Editions) by Jeffrey M. Perloff

## Additional Resources

- EUB Tutoring Center - <http://depts.washington.edu/ecnboard/eub-tutoring/>
- English Language Learner Comprehension & Writing Center
- Personal Tutors for hire; email [econadv@u.washington.edu](mailto:econadv@u.washington.edu) for additional information

## Course Layout

Subject to change. Textbook sections in parenthesis.

### **Week 1 - 3:**

Math Review

Supply & Demand (2.1 - 2.4; 3.1 - 3.5)

Consumer Choice (4.1-4.4 & Appendices 4A-B)

Quiz 1: TBD

### **Week 4 - 5:**

Consumer Theory and Demand(5.1-5.3, 5.5)

Production (6.1-6.5 & Appendices 6A-6C)

Quiz 2: TBD

### **Week 6:**

Costs of Production (7.1-7.4 & Appendices 7A-7C)

Midterm: TBD

### **Week 7 - 8**

Competitive Markets ( 8.1 - 8.5 & Appendices 8B))

Economic Efficiency: (9.1-9.4, 9.6)

Quiz 3: TBD

### **Week 9 - 10**

Monopoly (11.1 - 11.6)

Game Theory ( 14.1-14.3)

Oligopoly (13.1, 13.3-13.7 & Appendices 13A-13C)

Quiz 4: TBD