

# Econ 300E Intermediate Microeconomics

Dhongkyu Yoon

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## 1 Logistics

dhongkyu@uw.edu

Tuesday, Thursday 11:30-1:20pm, THO 135

Office Hours: TBD

## 2 Learning Goals

Microeconomics captures how individual economic agents – household, firm and government – make decisions and how they interact in markets.

To introduce you to the way that economists build mathematical models to understand their choices and interaction

Mathematics allows us to build precise models and to strip a model down to its important components and interactions

## 3 Prerequisites

Econ 200 and any one of: Math 112, 124, 127, 134, or 145.

Econ 200: introductory microeconomics

Math 112 level or similar: total differential, partial derivative, product rule, chain rule, maximization, minimization and first order condition

## 4 Grading

MyLab Homework: 25%

Midterm: 35%

Final: 35%

Class participation: 5%

We will maintain a median grade for this course in the 2.9 - 3.1 range. (The grading policy of the Department of Economics sets the upper boundary for the Median grade at 3.1.) If the median grade for the course happens to be outside of 2.9 - 3.1 range on the preliminary grade scale, I will adjust the grade scale accordingly.

## 5 Textbook

Jeffery Perloff, *Microeconomics: Theory and Applications with Calculus*, 5th edition

We will use **MyLab** website, which you can access from canvas. The course ID is **yoan97406**.

## 6 Homework

8 MyLab assignments due on Friday midnight

Lowest one will be dropped

3 Trials without deduction

## 7 Exam

2 exams (Feb 8th, Mar 7th)

A closed book exam with writing tools and basic calculators (Not a graphing ones).

If late to an exam, you cannot get extra time after the official end of the exam.

If you need any accommodations, please contact the DRS Office directly on the first day of class, so I can make all the necessary arrangements.

Regrading will be done only if the grades are calculated incorrectly (arithmetic errors while summing up the grades)

In other cases, please submit your original copy of your exam along with one-page explanation in person where you state which questions you would like to ask for regrading and why.

**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 for 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.

## 8 Religious Accommodations

<https://registrar.washington.edu/students/religious-accommodations-request/>

## 9 Topics

### *Theory of the consumer*

Week 1 Introduction; math review

- Chapter 1
- HW 1

Week 2 Consumer Choice

- Chapter 2 & 3
- HW2

Week 3 Consumer Choice; Demand

- Chapter 3 & 4
- HW3

Week 4 Firms & Production

- Chapter 4 & 6
- HW4

Week 5 Costs; Competitive Firms & Markets

- Chapter 7 & 8
- HW5

Week 6 Review and Midterm (Feb 8th)

Week 7 Monopoly; Game theory

- Chapter 11 & 13
- HW6

### *Theory of the Market*

Week 8 Game Theory

- Chapter 13
- HW7

Week 9 Oligopoly and Monopolistic Competition

- Chapter 14
- HW8

Week 10 Review and Final (Mar 7th)