

## Intermediate Microeconomic Theory Syllabus

Instructor: Sooyoung Lee  
Class Time: July 5 – August 5  
M-F 11:00 a.m. – 12:35 p.m.  
Classroom: ECON 117  
Email: sooyoung.lee@colorado.edu  
Course Website: <http://culearn.colorado.edu>  
Office: ECON 309A  
Office hours: T, W 10:00 – 10:50 a.m.  
Th 12:40 – 2:00 p.m.

### Required Textbook

Besanko, David, and Ronald R. Braeutigam, "Microeconomics," 4th Edition, Wiley.  
(The 3rd edition is okay, too.)

### Course Overview

This course explores theoretical framework for analyzing the economic behavior of individual decision makers such as consumers, workers, managers, and firms. The techniques covered in this course will be essential for anyone intending to pursue further studies in economics as many fields including industrial organization, trade and labor economics that are built on microeconomic foundations.

This course consists of four parts. We begin with a basic review of supply and demand. In second part, we examine consumer behavior and market demand by constructing a model of consumer choice and using the model to derive individual and market demand. In the part following we turn our attention to the other side and analyze the behavior of firms and market supply. We study how each firm decides the input combination to produce its output and the quantity of output to bring to market. From this, we derive firm's supply curve and the market supply curve. In the last part, we bring both consumer and firm sides to determine market price and quantity in various market structures including perfect competition, monopoly, and oligopoly.

## Prerequisites

Economics prerequisites: ECON 2010 or 1000

Math prerequisites: ECON 1078 & 1088 or MATH 1300 or MATH 1310 or MATH 1081 or MATH 1080 & 1900 & 1100 or APPM 1350 or equivalent

This class covers the models that require calculus and every student is assumed to have a working knowledge of calculus. As such, the mathematics prerequisites will be strictly enforced. Classes taken in the same semester are not sufficient.

## Grading

I will calculate your grade as follows:

Midterm 40% + Final 50% + Participation 10%.

## Grading Scale

<u>Your Score</u>	<u>Grade</u>	<u>Your Score</u>	<u>Grade</u>
93-100%	A	73-76%	C
90-92%	A-	70-72%	C-
87-89%	B+	67-69%	D+
83-86%	B	63-66%	D
80-82%	B-	60-62%	D-
77-79%	C+	≤59%	F

## Lectures

**Attendance will be taken daily. If you miss 4 or more of the scheduled class meetings, your course grade will be automatically lowered two levels (e.g. if you get a B+ but have missed 4 or more classes, your grade will be lowered to a B-).** These absences are intended to cover both valid (illness, family emergency) and invalid reasons for missing class. **If you miss 7 or more of the scheduled class meetings, you will fail this course.**

You are responsible for all information covered in class lectures. **I do not post or give out my notes.** If you miss a class, you should be able to get the notes from one of your classmates. You are encouraged to come to my office hours to discuss the material you missed, but you must first obtain and go over the notes.

Please review the material covered in the previous lecture before coming to class. Full participation in class activities is expected.

## Exams

All exams will be held in the classroom on the following dates:

Midterm	Wed, July 20 <sup>th</sup>
Final (cumulative)	Friday, August 5 <sup>th</sup>

No exam will be given early, and there will be **no makeup exam**. If you miss either midterm or final, you will automatically fail the course.

Each exam will be composed of two sections: short answers and multiple choice problems. You should bring a #2 pencil and a calculator to the exam. Graphing or cell phone calculators will not be permitted: **in case of using them, there will be 5 points deduction from final exam**. You will write on the exam forms, so no blue books or other papers should be necessary.

## Grading Disputes

**Please do NOT send me emails on grades.** Grades cannot be discussed over email due to FERPA (the Family Educational Rights And Privacy Act of 1974.) You need to come see me in office hours if you have a question about your grade. I will not email you back if your email be questioning about your grade.

## Problem Sets

Practice problem sets will be posted on the course website and they will NOT be graded. Problem sets, however, are your best way of preparing and studying for the exams, so I highly encourage you to do your best to solve them on your own or with a study group.

## Office Hours

Office hours are for your benefit. They provide an opportunity to ask questions in a small group setting. If you cannot make my office hours, feel free to e-mail me to set up an alternative time.

## Email

Please be considerate with your use of email. If you email me a substantive question about lectures, exams, or assignments I will most likely encourage you to come talk to me about it during my office hours. I reserve the right not to answer emails

lacking appropriate salutation, grammar and punctuation. Emails asking for administrative information contained within this syllabus or available on the course website will not be answered.

### Tentative Course Schedule

Date	Topics	Date	Topics
<b>Week 1</b>		<b>Week 3 (Continued)</b>	
July 5	Math Review	July 21	Chapter 7
July 6	Chapter 1, 3	July 22	Chapter 7
July 7	Chapter 3	<b>Week 4</b>	
July 8	Chapter 4	July 25	Chapter 8
<b>Week 2</b>		July 26	Chapter 8
July 11	Chapter 4	July 27	Chapter 9
July 12	Chapter 4, 5	July 28	Chapter 9
July 13	Chapter 5	July 29	Chapter 10
July 14	Chapter 5	<b>Week 5</b>	
July 15	Chapter 6	August 1	Chapter 11
<b>Week 3</b>		August 2	Chapter 13
July 18	Chapter 6	August 3	Chapter 14
July 19	Review	August 4	Review
July 20	<b>Midterm Exam</b>	August 5	<b>Final Exam</b>

### Other Information

#### *Students With Disabilities*

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact Willard 322, (303) 492-8671.

#### *Religious Observance Policy*

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict, please contact me at the beginning of the term so we can make proper arrangements.

#### *Classroom Behavior Policy*

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty has the professional responsibility to treat all

students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records.

### *Honor Code*

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council ([honor@colorado.edu](mailto:honor@colorado.edu); 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode/>.

### *Discrimination & Harassment Policy*

The University of Colorado at Boulder policy on Discrimination and Harassment (<http://www.colorado.edu/policies/discrimination.html>), the University of Colorado policy on Sexual Harassment and the University of Colorado policy on Amorous Relationships applies to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, 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 and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.