

Intermediate Microeconomic Theory
Economics 3070-200
Summer 2019

Instructor:	Loren Kruschke (loren.kruschke@colorado.edu)
Office Hours:	T/R 11:00 – 12:00, and by appointment
Office:	ECON 309C
TAs:	Kevin Takeda (kevin.takeda@colorado.edu)
Class Meeting:	M-F 9:15-10:50, HLMS 241
Website:	Canvas

Course Description

Microeconomics is the study of how economic agents make decisions in the presence of constraints. This course will extend the concepts first learned in Principles of Microeconomics by introducing a theoretical framework to analyze the decisions of consumers, workers, and firms. The course is divided into four sections. We begin the course with Consumer Theory in Section 1. Here, we build a model of consumer choice and use this model to construct individual demand and market demand. In Section 2, we turn our attention to firm behavior and market supply. We build a model to show what technology a firm uses in production and what quantity of this product to sell in the market. The model is used to derive the firm's supply curve and the market supply curve. Section 3 brings together consumer and producer theory to understand how price and quantity are determined in the market equilibrium. Section 4 explores deviations from the assumption of perfectly competitive markets - monopoly power and imperfect competition.

Prerequisites

This course has two sets of prerequisites - (i) Economics and (ii) Mathematics - to ensure proper preparation. Both prerequisites need to be met for enrollment in the course.

1. Introduction to Economics (ECON 1000) OR Principles of Microeconomics (ECON 2010)
2. Math Tools for Economists I and II (ECON 1078 and ECON 1088) OR Calculus I (MATH 1300 or equivalent course)

Students should feel comfortable taking derivatives and algebraically solving systems of equations for this course.

Required Materials:

The required textbook is *Microeconomics: An Integrated Approach* 5th Edition by David Besanko and Ronald R. Braeutigam, 2013. Earlier editions of the text are acceptable.

You may also purchase an electronic copy of the textbook for a discounted price by using the following link:
<https://www.wiley.com/WileyCDA/Section/id-831087.html>

Attendance:

Since this is a college course that uses a specific textbook to introduce and define concepts, you are expected to attend every lecture. However, because you are all (legally) adults, I do not require attendance. You are responsible for all material presented in lecture. If you miss a class, it is your responsibility to connect with a classmate to get the notes that you missed. Of course, you may also meet with me or your TA at office hours to go over any course material.

Please note that this does **NOT** mean that you can enter and/or leave class whenever you want. It is distracting to other students (and myself) when people exit/enter the room in the middle of a lecture. If you attend lecture, please stay for the duration of the class.

Tentative Course Outline:

Chapter	Sections	Topic
Intro		Introduction & Syllabus
1 & 2	1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4	Analyzing Economic Problems Supply and Demand Analysis
3	3.1, 3.2, 3.3	Consumer Preferences and Utility
4	4.1, 4.2, 4.3	Consumer Choice
5	5.1, 5.2, 5.3, 5.4	Theory of Demand
6	6.1, 6.2, 6.3, 6.4, 6.5, 6.6	Inputs and Production Functions
7	7.1, 7.2, 7.3, 7.4	Costs and Cost Minimization
8	8.1, 8.2, 8.3	Cost Curves
9	9.1, 9.2, 9.3, 9.4, 9.5	Perfectly Competitive Markets
11	11.1, 11.2, 11.3, 11.5, 11.6, 11.7	Monopoly and Monopsony
13	13.1, 13.2, 13.5	Market Structure and Competition

All midterms will be held on Fridays. Midterm 1 will occur on Friday, July 19th. Midterm 2 will occur on Friday, August 2nd. Please note that this schedule is subject to the instructor’s discretion.

The final exam will take place on Friday, August 9th during our regular class time (9:15-10:50).

Exams:

All midterm exams will be held in class during lecture time. The final exam will be held in the regular classroom on August 9th from 9:15 – 10:50. There will be two midterm exams and one final exam. The midterms are worth 25 percent of your grade. The final exam is worth 35 percent of your grade. The final exam will be cumulative.

Your final exam grade will replace your lowest midterm grade, if it is higher. **I will NOT proctor make-up midterm exams.** Students who do not take a midterm exam will automatically have the weight of that exam transferred to their final. Under extraordinary circumstances (extreme illness, death in the family) we can meet in my office to discuss an alternative testing plan. Note: A time-stamped note from Wardenburg does not automatically qualify as extreme illness.

If you miss the final exam, you will receive a 0 on the test. Under extraordinary circumstances, I will assign you an incomplete in the course. Re-writing the final exam takes a significant amount of time; I cannot give make-up final exams on short notice.

Grading:

Your final grade in this course will be determined as follows:

Item	Percent of Final Grade
Recitation Grade	15%
Midterms	25% each
Final Exam Grade	35%

If necessary, I will curve final course grades so that the class average is an 80%. If necessary, exam grades will be curved up so that the course average on each test is a 75%. I will never curve grades down.

At the end of the term, you will receive a letter grade which includes +/- . I will strictly adhere to the assignment of your letter grade based on your percentage grade in the class. This means I will not individually curve your letter grade to “bump” it up a letter grade (e.g. an 89.9% will be a B+ and I will not move it up to an A-). **I will NOT respond to requests to individually “bump” grades at the end of the term.**

Cheating will not be tolerated in this course. This includes cheating on an exam and/or in recitation. **If you are caught cheating I will assign you an F in the course.** I will then meet with the Associate Chair of Undergraduate Studies for the Economics Department, and we will report this to both the University and the Honor Council which could result in further discipline up to and including expulsion from the University.

Email & Office Hours:

You may contact me via email or by stopping by my office hours. Since there are many students in this class, please allow me 24 to respond to emails. If I have not responded within one day, please feel free to send me a follow-up email. Please start a new email when asking me a question rather than replying to a class-wide email. This makes sure I see all emails, and also makes sure nobody accidentally clicks the dreaded “reply all” button.

I am not allowed, by law, to discuss grades with you or anyone else via email. Please do not email me with questions about your grade – instead, see me during office hours.

Additional Information:

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; 303-735-2273). 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 and Harassment

The University of Colorado at Boulder Discrimination and Harassment Policy and Procedures, the University of Colorado Sexual Harassment Policy and Procedures, and the University of Colorado Conflict of Interest in Cases of Amorous Relationships Policy apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127, or the Office of Student Conduct (OSC) at 303-492-5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

Classroom Behavior Policy

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially

important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity, and gender expression, age, disability, 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. See policies at <http://www.colorado.edu/policies/classbehavior.html>.

Students with Disabilities

If you qualify for accommodations because of a disability, please submit a letter to me from Disability Services in a timely manner so that your needs be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200, and <http://www.colorado.edu/disabilityservices>.

If you have a temporary medical condition or injury, see guidelines at <https://www.colorado.edu/disabilityservices/students/temporary-medical-conditions>.

Religious Observance Policy

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly 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 that we can make proper arrangements. See full details at http://www.colorado.edu/policies/fac_relig.html.