UNIVERSITY OF COLORADO
Department of Economics
Economics 3070
Intermediate Microeconomic Theory
Spring 2016

Professor: **Tania Barham**
Office: Economics 114
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Lecture: Tuesday/Thursday 9:30am – 10:45am, CHEM 142
Office Hours: Tuesday 12:15-1:10pm, Thursday 1:00-2:00 in ECON 114
Course Website: **http://www.colorado.edu/ibs/HB/barham/courses/econ3070/**
TA: Tyler Shankel - Monday 1-2 ECON 309c

Course Description
This course introduces the theoretical framework for analyzing the economic behavior of individual decision-makers, such as consumers, workers, firms, and managers. The course is divided into six sections. We begin with a basic review of supply and demand in Section 1. We then proceed to Section 2, which covers consumer behavior and market demand. In this section, we build a model of consumer choice and use this model to derive individual demand and market demand. In Section 3, we turn our attention to the other side of the market and analyze the behavior of firms and market supply. We build a model to show how each firm decides what technology it should use to make its product and what quantity of this product to bring to market. This model is then used to derive the firm's supply curve and the market supply curve. Section 4 brings the two sides of the market together to show how price and output are determined by the market. In Section 5 we will examine a variety of market structures are examined including perfect competition and monopoly. If time permits, we will close the semester by examining some issues such as behavioral economics or public policy.

Prerequisites
Available to students who have completed ECON 100 Introduction to Economics or ECON 2010 Principles of Microeconomics, and either ECON 1078 Math Tools for Economists I and ECON 1088 Math Tools for Economists II, or MATH 1300.

Textbook
The required textbook is *Microeconomics: An Integrated Approach*, 5nd edition, by David Besanko and Ronald R. Braeutigam, 2005, John Wiley & Sons, New York, ISBN 978-1-11857227-6. There is a study guide available to accompany the textbook. You may wish to purchase the study guide if you would like extra practice solving problems, but doing so is not required. You can also purchase the 4th edition of the text as they are very similar.

Clickers
Students are required to have a clicker for this class and extra batteries for each class. Clicker information will be used to help determine your attendance grade. You are responsible for purchasing and registering the your clicker by Janunary 22nd. Information on how to register clickers is at **http://www.colorado.edu/oit/tutorial/cuclickers-iclicker-remote-registration.**

Make sure you use your identity key log in name so your clicker number can be matched to the grade roster. If you have any problems with your clickers call IT at 5HELP. Remember that using someone else's clicker for them violates the honor code, so don't do it and don't ask someone to use your clicker if you are going to be absent from class.

Course Requirements
Attendance for the first three classes in mandatory or you may be dropped from the class. Your participation and attendance grades will be based on random attendance checks and clicker data throughout the semester and your participation during the class. I drop the 2 lowest grades (i.e. if you miss two classes it won't affect your participation grade). Your grade is made of up the percent of classes you are marked present for which attendance is taken. There is no need to email or the TA to let us know you will be absent or why. If you miss class it is the students responsibility to catch-up on any missed material.

Required assignments will take the form of 8 problem sets. There will be one midterm and a final exam.

Grading
There will be 8 homework assignments, one mid-term examination and one final exam.   The weighting for these assessments are:

Assignments   15%
Participation/Attendance   15%
Midterm Exam   30%
Final Exam   40%

The schedule of when problem sets are due and exams given is below**. The problem sets must be handed in class the day they are due at the beginning of class. Late problem sets will receive a score of zero.**   Homework solutions will be posted soon after the due date. Students can work on the problem sets in small groups (4 people or less). However, each person *must* submit their own write-ups of their problem sets *and* you must put the names of your group members on your assignment (make sure your name is distinct from the group members so I know who to give the grade to).   Handing in identical homeworks is not permitted and will result in a zero for all people with identical homeworks.

Each assignment will be graded on a scale from 0 to 3: 0 points for not handing it in, 1 point for poor performance, 2 points for average performance, and 3 points for outstanding performance.

Missed Assignments & Exams
Late assignments will not be accepted since solutions will be posted online soon after the assignment is due. You may, however, miss two assignments without penalty since your lowest 2 assignment scores are dropped. You do not need to let me know you are not handing it in for whatever the reason. I recommend you do all homeworks as the exams are structured more similarly to homework questions so homework is essential to your success in this class. You may not miss an exam. No makeup exams will be given. If there is a proven emergency or other unusual circumstance, your grades will be reweighed.

Tentative Course Schedule

DATE	TOPIC	READINGS	ASSIGNMENTS DUE
Jan. 12 Tu	Analyzing Economic Problems	Ch 1	
Jan. 14 Th	Math Review	A.1-A.7	
Jan. 19 Tu	Supply and Demand Analysis	Ch 2	PS 0 Math Review
Jan 21 Th	Preferences and Utility	Ch 3	PS 1 - Ch 1
Jan 26 Tu	Preferences and Utility	Ch 3	
Jan 28 Th	Consumer Choice	Ch 4	PS 2 - Ch 2
Feb 2 Tu	Consumer Choice	Ch 4	
Feb 4 Th	The Theory of Demand	Ch 5	PS 3 - Ch 3 & 4
Feb 9 Tu	The Theory of Demand	Ch 5	
Feb 11 Th	The Theory of Demand	Ch 5	PS 4 - Ch 5
Feb 16 Tu	Inputs and Production Functions	Ch 6	
Feb 18 Th	Inputs and Production Functions	Ch 6	
Feb 23 Tu	Inputs and Production Functions	Ch 6	
Feb 25 Th	**Midterm Exam (Ch 1-5)**		
Mar 1 Tu	Inputs and Production Functions	Ch 6	
Mar 3 Th	Costs and Cost Minimization	Ch 7	PS 5 Ch 6
Mar 8 Tu	Costs and Cost Minimization	Ch 7	
Mar 10 Th	Cost Curves	Ch 8	
Mar 15 Tu	Cost Curves	Ch 8	
Mar 17 Th	Perfectly Competitive Markets	Ch 9	PS 6 - Ch 7/8
Mar 22 Tu	**SPRING BREAK**		
Mar 24 Th	**SPRING BREAK**		
Mar 29 Tu	Perfectly Competitive Markets	Ch 9	
Mar 31 Th	Perfectly Competitive Markets	Ch 9	
Apr 5 Tu	Perfectly Competitive Markets	Ch 9	
Apr 7 Th	Competitive Markets: Applications	Ch 10	PS 7 - Ch 9
Apr 12 Tu	Efficiency of Competitive Mrkt	Ch 16.4	
Apr 14 Th	Monopoly and Monopsony	Ch 11	
Apr 19 Tu	Monopoly and Monopsony Market Structure Give in class exercise to figure out monopoly question	Ch 11, 13.1	PS 8 - Ch 10-16
Apr 21 Th	Behavioral Economics		
Apr 26 Tu	Review		
Apr 28 Th	TBD		
	Tentative Final Exam (Cumulative): Please check this yourself. Tentatively is May 2nd 4:30pm-7pm		

University Policies

- If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services by *January 22nd* so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671 or in person at the Center for Community. University policies regarding disabilities are available at http://www.colorado.edu/disabilityservices.

- 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 due to a religious obligation, please see me by *January 22nd* so that alternate arrangements can be made. Policies regarding religious practice are available at http://www.colorado.edu/policies/observance-religious-holidays-and-absences-classes-andor-exams.

- 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). Additional information regarding the University Honor Code is available at http://www.colorado.edu/policies/student-honor-code-policy and at http://honorcode.colorado.edu/.

- The Office of Institutional Equity and Compliance, formerly the Office of Discrimination and Harassment can be reach by phone at 303-492-2127 and at http://www.colorado.edu/institutionalequity/. University policies regarding Discrimination and Harassment, Sexual Misconduct and Amorous Relationships are available at http://www.colorado.edu/institutionalequity/policies.

- University policies regarding classroom behavior are available at http://www.colorado.edu/policies/student-classroom-and-course-related-behavior.

- The Office of Student Conduct and Conflict Resolution (formerly the Office of Judicial Affairs, for those keeping score) can be reached at 303-492- 5550. Its website is http://www.colorado.edu/studentaffairs/studentconduct/index.html.

- The Office of Victim Assistance can be reached at 303-492-8855. Its website is http://cuvictimassistance.com/.