Microeconomic Theory ECO206 Y1Y - Section L0101 Summer 2017 University of Toronto

COURSE DESCRIPTION

Microeconomic Theory is an economic methodology course. It aims to equip you with tools to answer microeconomic questions in a precise way. It will help develop your abstract thinking and analytic skills. Problem solving will be an important part of the course.

The main topics covered will be individual decision making (consumers and firms) and the results of their interaction in the market. We will also cover different market structures, distortion, asymmetric information and Game theory.

The learning objectives for this course are the following, first, for students to learn how to use the basic tools of microeconomic analysis. They should be able to approach a problem, figure out which tool to use and use it correctly. It is important that they are able to identify the underlying assumptions and are aware of how they affect the results.

The other objective is for students to be able to evaluate economic arguments using the concepts covered in the course. They should be able to identify the reasoning and critically examine it. They should then be able to convey their analysis clearly and precisely to a general audience.

COURSE INFORMATION

Lectures: Tuesdays & Wednesdays, 10:00-12:00 Location: MP202
Tutorials: Thursdays*, 10:00-12:00 Location: MP202

*Exceptions: Thursday, June 8th; Thursday, July 6th; Thursday, August 3rd (regular class will be held on these dates; see course schedule below)

There will be two additional writing tutorials, date and location TBA.

Instructors:

First semester (May-June)
Dhruv Sinha
Max Gluskin House, GE246
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Office hours: Wed 1-3pm (GE246)

Second semester (July-Aug)

Jiaqi Zou

Max Gluskin House

jiaqi.zou@mail.utoronto.ca

Office hours: TBA

Tutorial TA:

Rami Abou-Seido rami.abou.seido@mail.utoronto.ca

Office hours TA:

Daniel Ershov

daniel.ershov@mail.utoronto.ca

Office hours location/time TBA. Additional office hours will be held on Monday, June 5th; Monday, July 3rd; and Friday, July 28th

Textbook

The 2 required textbooks for this course are Microeconomics: Theory and Applications with Calculus (Jeffrey M. Perloff, 7th Edition), along with Microeconomics: An Intuitive approach with Calculus (Thomas Nechyba, 2nd edition). The chapters covered in each class are listed in the course outline below. You are expected to do the reading before class. If you decide to make do with only 1 textbook, buy Perloff.

Course Website

The course website will be on Blackboard (http://www.portal.utoronto.ca). All course material, announcements, problem sets, assignments, etc. will be posted on the website. It will be the primary means of communication for this class. You will be responsible for checking the Blackboard course site regularly for class work and announcements. Any communication will be emailed to the class list as it appears on Blackboard.

Prerequisites

You will be dropped from the course if you do not have the following prerequisites as per the Calendar to be able to take this course: ECO100Y1(70%); MAT133Y1(63%)/(MAT135H1(60%), MAT136H1(60%))/MAT137Y1(55%)/MAT157Y1(55%)

Exclusion: ECO200Y1, ECO204Y1. See:

http://www.economics.utoronto.ca/index.php/index/undergraduate/load/pr
erequisites

EVALUATION

The grade for this class will be based on three midterms, three writing assignments, and a final exam. The due dates and weights are:

Assignment/Test	Weight	Due Date	Time and Location
Term Test 1	15%	Tuesday, June 6th	In class
Term Test 2	15%	Tuesday, July 4th	In class
Term Test 3	15%	Tuesday, August 1st	In class
Assignment 1	5%	Thursday, June 8th	10am, online

Assignment 2	5%	Thursday, July 6th	10am, online
4 problem sets	5%	Scattered dates	Scattered dates
Final Exam	40%	Final Exam Period	TBA

Problem sets

The purpose of the problem sets is to help you work through the concepts introduced in class and to apply them to different examples. Microeconomics is best learnt by doing, so this is an important part of the course. The TA will post and cover problem sets during tutorial time.

Assignments

There will be two individual writing assignments. Very briefly for every assignment you will be given an article and will be asked to critically evaluate it. Further details will be provided on the course website. These assignments will help develop your abilities to analyze economic arguments and communicate your reasoning through writing. The goal is to get you to take the concepts and tools you have learnt in class and translate that knowledge to economic analysis. You will need submit assignments online Blackboard your on http://www.turnitin.com/ on the due dates and time above. Check the General Assignment Instructions handout on Blackboard for more details.

No extensions will be granted for any reason (illness, computer problems, etc.) There is a 10 percentage point (out of 100) penalty per 24 hours, per assignment for handing in late assignments. For example, if you hand in two assignments less than 24 hours after the due date, your total penalty for the assignments part will be 10+10=20%.

Midterms and Final

In general midterms cover material from the first lecture after the last midterm up to and including the lecture before the midterm. Exact coverage will be posted before each midterm. The final is **cumulative** and will cover all of the material from the course.

COURSE OUTLINE

Note: The course outline below is subject to change depending on the pace we move at during class.

First Half:

Date	Topic	Readings
16-May	Introduction; Constraints	Perloff Ch 1 and 4.3
17-May	Preferences and Utility	Perloff Ch 4.1, 4.2
23-May	Choice	Perloff Ch 4.4
24-May	Demand and Income effects	Perloff Ch 5.1, 5.2

30-May	Income and Substitution effects	Perloff Ch 5.3, 5.4
31-May	Labour Supply and Elasticities	Perloff Ch 3.2, 3.3 and 5.5
6-Jun	Test 1	
7-Jun	Consumer Surplus	Perloff Ch 9.2
8-Jun	Production	Perloff Ch 6
14-Jun	Cost Minimization and Cost curves	Perloff Ch 7
15-Jun	Profit maximization	Perloff Ch 8
20-Jun	Perfect competition	Perloff Ch 8, 9.1,9.3, 2.1 - 2.4
21-Jun	Distortions	Perloff Ch 9.3-9.6, 3.4
Jun 22-		
Jul 3	No class	No class

Second Half:

Date	Topic	Readings
04-Jul	Test 2	
05-Jul	General Equilibrium	Perloff Ch 10.1 - 10.3
06-Jul	Monopoly	Perloff Ch 11.1 - 11.5
11-Jul	Price Discrimination	Perloff Ch 12.1 - 12.3
12-Jul	Strategic Form Games	Perloff Ch 13.1
18-Jul	Cournot and Bertrand Duopoly	Perloff Ch 14.1, 14.3, 14.4, 14.6
19-Jul	Extensive Form Games	Perloff Ch 13.2
25-Jul	Stackelberg Duopoly and Cartel	Perloff Ch 14.2, 14.5
26-Jul	Externalities	Perloff Ch 17.1 - 17.6
01-Aug	Test 3	
02-Aug	Uncertainty	Perloff Ch 16.1 - 16.3
03-Aug	Adverse Selection	Perloff Ch 18.1 - 18.3
08-Aug	Price Discrimination	Perloff Ch 12.4, 12.5
09-Aug	Moral Hazard	Perloff Ch 19.1, 19.2, 19.4, 19.5

MISSING THE MIDTERM

Term tests are an important part of this class. Missing a test does not automatically mean that the make-up test will count for your grade. Please note that the make-up can only substitute for *one* missed test.

If you need to miss the midterm you need to do the following:

STEP 1 (EMAIL):

You need to email me BEFORE the exam to say that you will not be taking the exam. In case of extreme emergencies (e.g. traffic accident right before the test) you have till 24 hours after the midterm to send the email. The email should be sent from your official University of Toronto email address (no gmail, hotmail etc.)

The FORMAT of the email is as follows

- 1. The subject line should be "Eco 206 missed midterm"
- 2. The content of the email should be as follows
 - The first part should concisely explain your reasons for missing the test. You should specify why your reason does not permit you to take the test. This should then be followed with a list of classes and term work due the day of the midterm and two days before and after the midterm. If no term work was due please state that for each other class you are taking.
 - Whether you attended (or will attend) the classes and/or turned (or will turn in) any term work due. Names and contact information for the professors of those classes. I may contact the other professors to verify details.
- 3. The email should end with the following sentence "I understand that it is a punishable academic offence to present false or misleading information in support of my request for accommodation for missed term work" 4. This sentence should be followed by your name and student number.

STEP 2 (DOCUMENTATION):

- If you missing the midterm for a medical reason you will need to hand in a medical note. At minimum it should be from the University of Toronto Health Service. It needs to be completed by a qualified medical doctor (e.g., not an acupuncturist, chiropractor, or other health care professional)
- If you need to miss the midterm for any unexpected other reason (like funerals etc..) you must provide documentation (like a funeral program/obituary, air tickets etc..). In addition I will need a note from a responsible adult which also has their contact information so I can verify the details.
- You have till one week after the test to follow up the email with the documentation. Please attach a copy of the email you sent me to the documentation. This needs to be handed in at the economics reception desk at Max Gluskin house.

STEP 3 (TAKE THE CUMULATIVE MAKE UP MIDTERM):

When you email me you will get a short response with the information for the cumulative make-up test. If your reason is not accepted then you will be informed after writing the make-up test and will meet with me to discuss the issue.

If you do follow the steps or if your reason is not accepted then you will be assigned a grade of 0 for the midterm. The final decision to accept any reason lies with me or the undergraduate chair.

Please note that you may get your grades for the make-up after the drop deadline. The format may be different from the class midterm. Consistent with university policy, there is no "make-up" test for the make-up test. No medical excuses will be accepted, and grade of zero will be applied if a student fails to write the make-up test.

GENERAL CLASS POLICIES

Re-Grades

Requests for re-grades will be accepted in writing up to two weeks after each exam or assignment is returned. When requesting a re-grade, it is important to attach a detailed note on the front indicating the problem you want us to take a look at, and explaining in details why you think your grade should be changed. We re-grade entire exams, not just individual questions, so your grade could go up or down.

Email Policy

We will try to respond to emails within 24 hours outside of weekends. We will not respond to emails that ask a question that can be answered by looking at the syllabus or course website. Most questions cannot be answered adequately over the email (usually those requiring more than a one sentence answer or questions requiring a discussion). For such questions, please come see me during office hours. Questions on grading will only be answered during office hours.

Priority for emails and office hours will be given to questions on more recent material. We cannot guarantee a timely response to questions regarding material covered more than two weeks earlier. This includes the weeks just prior to midterm tests and exams. As such, it is strongly advised that you keep up with the course material.

Academic Integrity¹

Academic integrity is fundamental to learning and scholarship at the University of Toronto. Participating honestly, respectfully, responsibly, and fairly in this academic community ensures that the UofT degree that you earn will be valued as a true indication of your individual academic achievement, and will continue to receive the respect and recognition it deserves.

Familiarize yourself with the UofT Code of Behavior on Academic Matters

(http://www.governingcouncil.utoronto.ca/policies/behaveac.htm). It is the rule book for academic behavior at UofT, and you are expected to know the rules.

 $^{^{\}mathrm{1}}$ From the UofT Academic Integrity Statement and Checklist

The University of Toronto treats cases of academic misconduct very seriously. All suspected cases of academic dishonesty will be investigated following the procedures outlined in the Code. consequences for academic misconduct can be severe, including a failure in the course and a notation on your transcript. If you have any questions about what is or is not permitted in this course, please do not hesitate to contact me. If you have questions about appropriate research and citation methods, seek out additional information from me, or from other available campus resources like the UofT Writing Website (http://www.writing.utoronto.ca/). If you are experiencing personal challenges that are having an impact on your academic work, please speak to me or seek the advice of your college registrar. Plagiarism is a concern with writing assignments. Your writing assignments must be submitted via turnitin.com. You can find details about what constitutes plagiarism and how to avoid it in class at http://www.utoronto.ca/academicintegrity/. Being unaware of what constitutes plagiarism is not a defense.

The University disclaimer on Turnitin.com

"Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site".