ECO 6122: Microeconomic Theory IV  
University of Ottawa  
Summer 2018

Instructor  
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Faculty of Social Sciences 9047  
Office hours on Tuesdays from 11:30 to 12:30

Course Location  
CRX C308

Time  
Tuesdays and Thursdays 08:30 to 11:20

Textbook  
*Microeconomic Analysis, 3rd ed.*  
Hal R. Varian  
W.W. Norton & Co., 1992

**Official Course Description**  
Microeconomic theory, including topics such as utility maximization and individual choice, decision-making under uncertainty, producer theory (technology, costs, and profit maximization), alternative market structures (competition, monopoly, and oligopoly), general equilibrium, and the economics of information.

**Course Objectives**  
This course will introduce students to economist’s standard toolbox for analyzing both individual and collective decision making. In doing so, it exposes students to the mathematical rigor of modern economic analysis.

**Evaluation**  
Course grades will be based on two exams. Each exam will count for 50% of the final grade. The first exam (August 7) will pertain to the material covered in the first half of the course and the second exam (August 30) will pertain to the remainder of the material.

**Problem Sets**  
As practice for the exams, I will assign problem sets. I will not grade these problem sets, but I will provide detailed solutions. If anything is unclear, you are welcome to discuss them with me to ensure that you fully understand them.

I strongly recommend that you take these problem sets seriously and work on them as if they will be graded. Furthermore, I encourage you to submit these problem sets on Brightspace once you have completed them. Doing so will document the efforts that you have made for this course.
Tentative Course Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapters in Varian</th>
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<tbody>
<tr>
<td>July 17</td>
<td>Producer Theory I</td>
<td>1, 2, 3</td>
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<tr>
<td>July 19</td>
<td>Producer Theory II</td>
<td>4, 5</td>
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<tr>
<td>July 24</td>
<td>Consumer Theory I</td>
<td>7</td>
</tr>
<tr>
<td>July 26</td>
<td>Consumer Theory II</td>
<td>8</td>
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<tr>
<td>July 31</td>
<td>Consumer Theory III</td>
<td>9</td>
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<tr>
<td>August 2</td>
<td>Consumer Theory IV</td>
<td>10, 11</td>
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<td>August 7</td>
<td>First Exam</td>
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<td>August 9</td>
<td>Equilibrium and Welfare I</td>
<td>17</td>
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<tr>
<td>August 14</td>
<td>Equilibrium and Welfare II</td>
<td>18</td>
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<td>August 16</td>
<td>Game Theory</td>
<td>15</td>
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<td>August 21</td>
<td>Oligopoly</td>
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<td>August 23</td>
<td>Information</td>
<td>25</td>
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<tr>
<td>August 30</td>
<td>Second Exam</td>
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Responsibility for Material  You are responsible for understanding all of the material in the above listed chapters. While we will go over much of the material in class, you should prepare by reading the chapters on your own. I am available to answer any questions you may have. Anything in the above listed chapters is fair game for the exams, regardless of whether our discussions in class or problem sets discuss it specifically.

Grade Disputes, Re-marking, and Deferred Exams

- I encourage you to use a pen in writing your exams as *I will not, under any circumstances, re-mark exams written in pencil.*

- I will take attendance every lecture. In case of absence, you must supply a physician’s note. If you miss a lecture and do not provide a physician’s note, *you forfeit the right to a deferred exam.*
• If you miss an exam, you must supply a physician’s note and complete the Request for a Deferred Mark, available from the Department of Economics Secretariat.

• To request re-marking of an exam, you must do so in writing. Your written request should include a clear explanation of why the exam should be re-marked.

• I will only re-mark exams in entirety, not individual questions. Consequently, it is possible that you end up with a lower final mark after re-marking.

• I will not entertain a request to re-mark a midterm exam more than five business days after the return of the marked exams. I will not entertain a request to re-mark a final exam more than ten days after the announcement of final grades.

• Only medical certificates from the College of Physicians and Surgeons of Ontario and the College of Psychologists of Ontario, or their Québec equivalents, are considered to be valid medical certificates.

• Requests for a deferred exam must be submitted through uoZone within five business days of the date of the exam.

Absence from an examination Absence from any examination due to illness must be justified by a physician’s letter. It will otherwise be counted as a zero. Only medical certificates from the College of Physicians and Surgeons of Ontario and the College of Psychologists of Ontario, or their Québec equivalents, are considered to be valid medical certificates. Reasons such as travel, employment, and misreading the examination schedule will not be accepted.

Beware of Academic Fraud! Academic fraud is an act committed by a student to distort the marking of assignments, tests, examinations, and other forms of academic evaluation. Academic fraud is neither accepted nor tolerated by the University. Anyone found guilty of academic fraud is liable to severe academic sanctions.

Here are a few examples of academic fraud:

• engaging in any form of plagiarism or cheating;

• presenting falsified research data;

• handing in an assignment that was not authored, in whole or in part, by the student;

• submitting the same assignment in more than one course, without the written consent of the professors concerned.
Sexual Violence  The University of Ottawa does not tolerate any form of sexual violence. Sexual violence refers to any act of a sexual nature committed without consent, such as rape, sexual harassment or online harassment. The University, as well as student and employees associations, offers a full range of resources and services allowing members of our community to receive information and confidential assistance and providing for a procedure to report an incident or make a complaint. For more information, visit http://www.uOttawa.ca/sexual-violence-support-and-prevention.

Resources for you

Faculty Mentoring Centre — http://socialsciences.uottawa.ca/mentoring

The goal of the Mentoring Centre is to help students with their academic and social well-being during their time at the University of Ottawa. Regardless of where a student stands academically, or how far along they are in completing their degree, the Mentoring Centre is there to help students continue on their path to success.

A student may choose to visit the Mentoring Centre for very different reasons. Younger students may wish to talk to their older peers to gain insight into programs and services offered by the University, while older student may simply want to brush up on study and time management skills or learn about programs and services for students nearing the end of their degree.

In all, the Mentoring Centre offers a place for students to talk about concerns and problems that they might have in any facet of their lives. While students are able to voice their concerns and problems without fear of judgment, mentors can garner further insight in issues unique to students and find a more practical solution to better improve the services that the Faculty of Social Sciences offers, as well as the services offered by the University of Ottawa.

Academic Writing Help Centre — http://www.sass.uottawa.ca/writing

At the AWHC you will learn how to identify, correct and ultimately avoid errors in your writing and become an autonomous writer. In working with our Writing Advisors, you will be able to acquire the abilities, strategies and writing tools that will enable you to:

- Master the written language of your choice
- Expand your critical thinking abilities
- Develop your argumentation skills
- Learn what the expectations are for academic writing

Career Services — http://www.sass.uottawa.ca/careers

Career Services offers various services and a career development program to enable you to recognize and enhance the employability skills you need in today’s world of work.

Counselling Service — http://sass.uottawa.ca/en/counselling
There are many reasons to take advantage of the Counselling Service. We offer:

- Personal counselling
- Career counselling
- Study skills counselling

ACCESS SERVICE — http://sass.uottawa.ca/en/access

The University has always strived to meet the needs of individuals with learning disabilities or with other temporary or permanent functional disabilities (hearing/visual impairments, sustained health issues, mental health problems), and the campus community works collaboratively so that you can develop and maintain your autonomy, as well as reach your full potential throughout your studies. You can call on a wide range of services and resources, all provided with expertise, professionalism and confidentiality.