1 Course Information

Instructor: Konstantinos Metaxoglou
Office: D-893 LA
Phone: 613-520-2600 (EXT. 3755)
E-mail and website: https://culearn.carleton.ca
Office hours: Tuesday, 1:15pm–2:15pm

2 Preclusions and Prerequisites

Precludes additional credit for ECON 4300 (no longer offered). Prerequisite(s): ECON 2030 with a grade of C- or higher or ECON 2003 (no longer offered) with a grade of C- or higher. Students who believe they have taken a similar background course or courses from another university must provide appropriate documentation to the Department of Economics Undergraduate Administrator, Amanda Wright.

3 Course Description

The course is an introduction to industrial organization (IO). At a very high level, IO studies industry structure and firm behavior when the assumptions of perfect competition do not hold. We will review and extend some basic results for monopoly and study the strategic interaction among a small number of firms and how such interaction affects market outcomes. Examples of the topics that we will cover include price discrimination, product variety, price and quantity competition, entry, collusion, and mergers. We will do so using models from
microeconomics and game theory. We will also discuss how public policy affects market structure and firm behavior.

4 Recommended Reading


5 Course Outline

The course outline below is tentative. The topics covered may change slightly during the term depending on how the class evolves. I may also include material from other sources beyond the PRN chapters listed below as I see fit.

1. Introduction/Basic Microeconomics
   PRN, Chapters 1 and 2
2. Market Structure/Technology and Costs
   PRN, Chapters 3 and 4
3. Monopoly: Linear Pricing
   PRN, Chapter 5
4. Monopoly: Non-Linear Pricing
   PRN, Chapter 6
5. Monopoly: Product Variety
   PRN, Chapter 7
6. Bundling and Tie-in Sales
   PRN, Chapter 8
7. Static Games
   PRN, Chapters 9 and 10
8. Dynamic Games and Entry Deterrence*
   PRN, Chapters 11 and 12
9. Predatory Conduct*
   PRN, Chapter 13
10. Repeated Games and Collusion
    PRN, Chapters 14 and 15
11. Mergers
    PRN, Chapters 16 and 17
6 Evaluation

Each student’s grade will be calculated using the following instruments and weights:

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four assignments (5% each)</td>
<td>20%</td>
</tr>
<tr>
<td>Mid-term exam</td>
<td>30%</td>
</tr>
<tr>
<td>Final comprehensive exam</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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**Assignments:** They must be submitted in the class on the due date prior to the beginning of the lecture and there will be a 50% penalty for assignments that are submitted late but on the due date. There are three additional submission requirements for the assignments: (1) they must be typed; (2) the pages must be stapled together; (3) you must provide a cover page with your information that you will be able to download in PDF format from cuLearn must be attached in the front. Note also that there will be a 30% penalty for assignments that are not typed.

Spending time on your own trying to solve the problems in the assignments is a very good way to understand the material and perform well in the class. Although you are permitted to discuss the material with your classmates, you must ensure that the submitted work is your own; please see the statement on plagiarism below. Office hours offer a good chance to ask questions about the assignments.

Details and due dates for the assignments will be provided during the term. I will not accept late assignments or assignments that do not comply with the submission guidelines (1) and (2) as described above. If you miss an assignment for a documented compelling reason, the weight for each of the remaining assignments will become 5(1+1/3)%.

**Mid-term examination:** It will take place during the first 80 minutes of the class on Feb-14. This is a tentative date. If you miss the mid-term examination for a documented compelling reason, the assigned weight will be added to the final exam. No makeup will be offered.

**Final comprehensive examination:** The 3-hour final examination will take place during the April examination period at a time and place set by the University.

**Note:** No course grades are final until approved by the Faculty Dean. Note also that course grades may be scaled upwards or downwards in a rank-preserving manner to better fit the
7 Regrading

Students seeking reappraisal of their graded assignment or mid-term examination should contact the instructor within a week after they receive their grades. Students are required to send e-mail to the instructor with the subject “ECON 4301A-REQUEST FOR REGRADING” explaining the reason(s) for requesting a reappraisal of their graded work.

Note: Reappraisals that do not conform to this standard will not be considered.

8 Plagiarism

Please be aware that plagiarism is serious offense at Carleton and should be recognized and avoided. For further information on how to do so, please see “Pammett on Plagiarism and Paraphrasing” at www.carleton.ca/economics/courses/writing-preliminaries.

9 Requests for Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal
evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).