1 Course Information

Instructor: Konstantinos Metaxoglou
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E-mail and website: https://culearn.carleton.ca
Office hours: Wednesday, 2:15-3:15pm

2 Course Description

We will examine theories pertaining to industrial organization (IO) and their application in empirical studies. The course will also introduce students to a variety of empirical methods in IO and competition policy.

3 References

There is no required textbook for this course. I provide below useful references for Industrial Organization, Econometrics, Numerical Methods/Optimization, and Writing.

3.1 Industrial Organization


### 3.2 Econometrics


3.3 Numerical Methods/Optimization


3.4 Writing

1. The Chicago Manual of Style, 16th Edition, Chicago University Press. Also available online through the university’s library.


4 Lecture Topics

The list of topics below is tentative. The topics covered and the required readings may change during the term depending on how the class evolves. A reading list is available in the end of the outline. T: Theory, E: Empirical, R: Required Readings.

1. Introduction
   - T: Belleflamme and Peitz Ch.2
   - E: Introduction to empirical IO

2. Models of Competition I
   - T: Belleflamme and Peitz Ch.3
   - E: Empirical methods for estimating market power

3. Models of Competition II
   - T: Belleflamme and Peitz Ch.4
   - E: Estimating models of entry
   - R: BerRei2007, BerWal1999

4. Product Differentiation
   - T: Belleflamme and Peitz Ch.6
   - E: Estimating demand models in practice

5. Collusion
   - T: Belleflamme and Peitz Ch.14
   - E: Empirical methods for quantifying cartel damages
   - R: LevSus2006, Por1983, PorZon1999

6. Horizontal Mergers
   - T: Belleflamme and Peitz Ch.15
   - E: Merger simulation in practice

7. Vertical Relationships

- T: Belleflamme and Peitz Ch.17
- E: Measuring the effects of vertical restraints

5 Evaluation

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

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td>Four assignments (7.5% each)</td>
<td>30%</td>
</tr>
<tr>
<td>Presentation</td>
<td>10%</td>
</tr>
<tr>
<td>Paper summary</td>
<td>10%</td>
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<tr>
<td>Referee report</td>
<td>10%</td>
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<tr>
<td>Final comprehensive exam</td>
<td>40%</td>
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<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 they must be typed. The assignments will have several questions and will have both a theoretical and an empirical component for which you will use Stata. I will not accept late assignments. The tentative due dates are: Sep-21, Oct-05, Nov-09, and Dec-07.

**Presentation:** You will consult with me about an empirical IO paper that you will present in class. The presentations will be 15–20 minutes long and will give you the chance to improve your skills through feedback in a collegial environment. You will be randomly assigned to present on one of the following tentative dates: Oct-19 or Nov-02.

**Paper Summary:** You will consult with me about an empirical IO paper for which you have to submit a 1-page summary no later than the date of the last class.

**Referee Report:** You will consult with me about an empirical IO paper for which you have to write a critical assessment resembling those requested by academic journals prior to publication no later than the date of the last class.

**Final comprehensive examination:** The 3-hour final exam will take place during the December examination period at a time and place set by the University.
6 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 5301F-REQUEST FOR REGRADING” explaining the reason(s) for requesting a reappraisal of their graded work. Reappraisals that do not conform to this standard will not be considered.

7 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.

8 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 accom-
modations for the formally-scheduled exam (if applicable).

9 Reading List

Introduction/Background


Models of Competition I


Models of Competition II


**Product Differentiation**


**Collusion**

Information,” *Rand Journal of Economics*, 52(1), 87–100. *GrePor1984*


of Economic Literature*, 44, 43–95. *LevSus2006*


**Horizontal Mergers**

idence from Five Mergers on the Enforcement Margin,” *Journal of Law & Economics*,
53(3), 417–466. *AshHos2010*

8(3), 125–164. *BjoVer2016*


European Competition Policy,” *International Journal of Industrial Organization*, 23,
669–691. *IvaVer2005*


**Vertical Relationships**

trial Economics (forthcoming)*. *Ask2015*


