



Carleton University Department of Economics

Fall 2025

ECON 2020

**Intermediate Microeconomics I: Producers and Market Structure**

## The Instructor

**Professor:** Dr. Louis-Philippe Beland

**Email Address:** louisphilippe.beland@carleton.ca

**Office Hours:** by appointment via zoom. Email for an appointment. I usually answer emails quickly, but please contact the TA first for any questions or concerns.

## The Course

**Course Location/Delivery:** Online Asynchronous

**Course Day and Time:** Asynchronous. Weekly email will announce recording to watch and notes to read.

**TA:**

**Email Address:**

**Office Location:** TBA

**Office Hours:** TBA

**Brightspace Course Page:** <https://brightspace.carleton.ca/d2l/home/369545>

### Course Description and Learning Outcomes

The objective of this course is to study the theory of firm, production, and market competition, including elements of production and cost, input allocation, pricing, and firm behavior under perfectly.

We will use several tools from mathematics to formalize economic models and analyze economic issues. Therefore, students must be familiar with basic algebra, calculus and geometry.

Lectures are pre-recorded with links to the videos on Brightspace. Students can watch the pre-recorded video at their convenience. Detailed lecture notes in PDF or Word documents will be uploaded to Brightspace. Those are the best resource to study, in addition to the problem sets and practice exams posted on Brightspace. I will send weekly emails regarding what should be done during the week.

Brightspace will be used for the following: All course announcements and email; Problem Sets announcement; links to the course documents; viewing of pre-recorded lectures; Exams

announcement; Submission of problem sets and midterm exams.

### **Preclusions and Prerequisites**

The prerequisites for this course are ECON 1001 or ECON 1000 or FYSM 1003 with a grade of C- or higher; ECON 1401 (or equivalent) with a grade of C- or higher; and ECON 1402 (or equivalent), which may be taken concurrently with ECON 2020. Students lacking the necessary requirements will be de-registered. If you believe that you have an equivalent background or a similar course from other university, then you must contact the Department of Economics Undergraduate Administrator.

### **Course Calendar**

Please check Brightspace for the most up-to-date due dates for problem sets and exams.

### **Tentative schedule (subject to changes, see weekly emails):**

Midterm 1: October 15 online

Midterm 2: November 12 online

Final Exam: Final comprehensive exam schedule. Final Exam will be in person.

## **Textbooks and Readings**

### **Texts**

“Perloff, Jeffrey M. Microeconomics: theory & applications with calculus, 5th edition.”

The textbook is available here: (<https://www.bkstr.com/carletonstore/shop/textbooks-and-course-materials>). This course is structured to follow the chapters of the above course textbook. PDF or Word documents for each chapter will be available on Brightspace. Earlier version or used version of the book are acceptable. Estimated cost: 120\$ (subject to changes, Digital version available, second-hand version available at lower costs. Previous edition of the book also acceptable)

## **Evaluation**

### **Evaluation**

There will be two midterm exams and a final exam. Midterm Exams will be online. E-proctoring may be used. Excuses for missed exams must be pre-approved except when this is not possible in an emergency. If you miss a mid-term examination for a documented compelling reason, the weight of the midterm will be reallocated to the final exam. No makeup will be offered. If you are sick, I should get an email about it before the exam.

Final exam will be in person during the Final comprehensive exam schedule.

**Problem sets:**

Problem sets will be assigned on Brightspace and mentioned by email. Problem sets are due at the time mentioned in the email. Each student needs to submit the problem set via Brightspace. **Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets.**

**Determination of the Final Course Grade:**

Midterm Exam #1	20%
Midterm Exam #2	20%
Final Exam	40%
Problem sets	<u>10%</u>
	100%

**Grading Scale:**

A+ 90-100	B+ 77-79	C+ 67-69	D+ 57-59	
A 85-89	B 73-76	C 63-66	D 53-56	F 0-49
A- 80-84	B- 70-72	C- 60-62	D- 50-52	

Chapters from the text to be covered (note: this may change\*):

**Math Review, Ch. 6-7-8-11-13-14**

\*Depending on time, chapters may be added or removed. Material that will be covered will be on Brightspace

**A useful link for refreshing Math skills in Economics:**

[https://www.economicsnetwork.ac.uk/maths\\_refresher/](https://www.economicsnetwork.ac.uk/maths_refresher/)

**Information About Assignments**

All assignment (except the final) will be on Brightspace and need to be submitted via Brightspace. In case of issues with Brightspace, email the TA (and copy me) the assignment or problem set before the deadline.

Any use of generative AI tools to produce assessed content is considered a violation of academic integrity standards as per our statement on Plagiarism.

All exams and problem sets must be completed alone.

**Late Policies**

Excuses for missed exams must be pre-approved except when this is not possible in an emergency situation. If you miss a mid-term examination for a documented compelling reason, the weight of the midterm will be reallocated to the final exam. No makeup will be offered. If you are sick, I should get an email about it before the exam. Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets. All work need to be completed alone.

### Midterm/Test Policies

- If you are absent for a midterm, email me as soon as possible. **The weight of the midterm will be reallocated to the final exam.** No makeup will be offered. If you are sick, I should get an email about it before the exam.
- **Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets.**

### Final Exam

The final exam will be in person as scheduled by the University during the exam period. Students are not to make travel plans during the exam period as that is not a valid reason for missing a final exam.

To apply for an exception, please see the following link (Note that deadlines are early):  
<https://carleton.ca/ses/examination-services/distance-exams/distance-exam-request-form/>

### Satisfactory Performance Criteria

Students must fulfill all of the course requirements, including the final exam, in order to achieve a passing grade (D- or higher).

### Deferred Finals

Students who do not write the final examination because of illness or other circumstances beyond their control may apply for to write a deferred final examination by contacting the Registrar's Office no later than three working days after the original final examination was scheduled. In the event that a student writes a deferred examination, the deferred examination will carry the same weight as the final examination in determining the course grade. Any deferred examination will not be identical to the original final examination.

Deferred finals (which must be applied for at the RO) are only available if the student is in good standing in the course, so if there is a minimum standard a student must meet in order to be in good standing, and entitled to write a deferred final exam, this standard must be stipulated here.

### E-Proctoring

Please note that midterm examinations in this course may use a remote proctoring service provided by Scheduling and Examination Services or other. You can find more information at <https://carleton.ca/ses/e-proctoring/>. Final Exam will be in person.

## **Plagiarism, Resources and Mental Health, Academic Accommodations**

You are responsible for reading and knowing the information about plagiarism, Carleton University resources, and academic accommodations found [HERE](#).