

**Department of Economics**  
**Carleton University**  
**ECON 2020A – Intermediate Microeconomics I: Producers and Market Structure**  
**Fall 2023**

**CONTACT INFORMATION**

**Instructor:** Carolina Czastkiewicz

**Office:** B-851 Loeb Building

**Office Hours:** TBD, in my office (walk-ins are welcome!) or online (by appointment, email me!)

**E-mail:** CarolinaCzastkiewicz@cunet.carleton.ca (Subject line: **ECON 2020A**)

**EMAIL POLICY:** Please email me (using your Carleton email account) only if you need to request an appointment because you cannot make my office hours or in case of emergency.

**COURSE LOGISTICS**

**Course delivery:** In-person.

**Lectures:** Mondays and Wednesdays 10:05 AM –11:25 AM.

**Tutorials:** Mondays 8:35-9:55 AM.

**Locations:** Log into Carleton Central to view the location on your timetable.

**Brightspace Course Page:** <https://brightspace.carleton.ca/d21/home/208408>

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**COURSE DESCRIPTION**

Theory of the firm: elements of production and cost; input allocation, pricing, and firm behaviour under perfectly and imperfectly competitive market structures; the role of information; game theory and public policy, including basic competition policy.

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**PRECLUSIONS and PREREQUISITES**

Precludes additional credit for ECON 2001, ECON 2002 (no longer offered), ECON 2003 (no longer offered), and ECON 2009.

Prerequisites: ECON 1000 or FYSM 1003 with a grade of C- or higher; and ECON 1402 (or equivalent), which may be taken concurrently with ECON 2020. 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 Advisor, Amanda Wright.

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**LEARNING OUTCOMES**

By the end of the course you should be able to solve and apply basic economic models describing firm behaviour verbally, mathematically, and graphically as well as understand their limitations. You will also be able to model government interventions in these models.

## **TEXTBOOK**

Jeffrey Perloff, *Microeconomics: Theory and Applications with Calculus*, 5th edition, (Pearson, Boston, MA). Older editions are good substitutes.

Chapters to be covered: 1, 6, 7, 8, 11, 12, 13, 14, and 15. Remaining chapters are covered in ECON 2030.

The associated study guide by Charles Mason and Leonie Stone is recommended but not required.

## **COURSE OUTLINE**

- 1. Introduction to microeconomics and economic models** (Perloff: Ch.1)
- 2. Firms: production theory** (Perloff: Ch.6)
- 3. Firms: costs** (Perloff: Ch.7)
- 4. Product markets: Perfect competition** (Perloff: Ch.8)
- 5. Product markets: Monopoly and monopsony** (Perloff: Ch.11)
- 6. Product markets: Price discrimination and advertising** (Perloff: Ch.12)
- 7. Product markets: Game theory: Static and dynamic games** (Perloff: Ch.13)
- 8. Product markets: Oligopoly and monopolistic competition** (Perloff: Ch.14)
- 9. Input markets** (Perloff: Ch.15)

**NOTE:** The course will use calculus; a good reference for the application of the mathematical tools in this course is the Calculus Appendix in Perloff.

## **COURSE MATERIALS - DO NOT DISTRIBUTE**

Course materials will be posted on Brightspace. Posting of course material on the Internet is prohibited. The course materials posted on Brightspace remain the intellectual property of the author(s). They are intended for personal use and may not be reproduced or redistributed without prior written consent of the author(s).

## **EVALUATION**

Each student's grade will be calculated using the following weights for graded items:

<b>Instrument</b>	<b>Weight</b>
2 quizzes	2 x 10%
2 Mid-term exams	2 x 20%
Final exam	40%
Total	100%

**Quizzes:** There will be 2 quizzes that will account for 20% of your final grade. Quizzes will take place during the scheduled lecture or tutorial times and will be announced at least a week in advance. If you miss a quiz for a documented compelling reason, the weight of that quiz will be reallocated to the remaining quiz or to the final exam in the event you miss the last quiz.

**Midterms:** These will take place during the lecture time.

- **Midterm I: Wednesday, October 18th**
- **Midterm II: Wednesday, November 22nd**

**Missed course work:** If you miss a mid-term examination or a significant number of tutorials/assignments for a documented compelling reason, you must submit a [Self Declaration Form](#) and the weight will be reallocated to the final exam. No makeup midterms will be offered.

**Final comprehensive examination:** will be formally scheduled by the University during the examination period. The exam will be in person and will include all material covered in during the term. Be aware that travel plans during the exam period is not a valid reason for missing a final exam. If you are unable to write the final exam, an application to write a **deferred final examination** must be made at the Registrar's Office in writing no later than three working days after the original final examination was scheduled.

**In-class Polls:** I will use Polleverywhere to ask multiple-choice questions in class. Once the question is displayed, you will have a few minutes to work on the question and submit your answer via the polling website or the website's app. You will get one bonus point for participating and one for providing the correct answer. The total bonus points can add up to 5% of your final grade. Note that these are bonus points, so you can still get the maximum grade without participating in any poll.

Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean.

### **SATISFACTORY PERFORMANCE CRITERIA**

Students must fulfill all of the preceding course requirements in order to achieve a passing grade (D- or higher). See Academic Regulation 5.4 for the official meanings of the grades, and note that it stipulates that no course grades are final until approved by the Faculty Dean.

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

Please be aware that plagiarism is a serious offense at Carleton and should be recognized and avoided. You are responsible for reading and knowing the information about plagiarism, Carleton University Resources, and academic Accommodations found [in this link](#).