

Department of Economics
ECON 2020 G – Intermediate Microeconomics I: Producers and Market Structure
Winter 2023

Instructor: Dr. Haozhen Zhang
Office: Loeb B840
Office Telephone: 613-520-2600 x 3769
E-mail: haozhen.zhang@carleton.ca
Office Hours: After each class or by appointment
TA: TBA
TA email: TBA



Course Description: The course will cover analysis of the theory of firm, production, and market competition, including elements of production and cost; input allocation, pricing, and firm behavior under perfectly and imperfectly competitive market structures; the role of information; game theory and public policy.

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

Prerequisites: 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 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. A grade of C- or higher is required to qualify for ECON 2030; a grade of C+ or higher is required to qualify for ECON 4020. DEF (erred final grade) status at the end of this course precludes (continued) registration in any other course for which the former is a prerequisite.

Required Textbook:

Perloff, Jeffrey M.: *Microeconomics: Theory & Applications with Calculus*, 5th edition. We will cover chapters 1, 6, 7, 8, 11, 12, 13, 14, and 15, although not necessarily all of each.

Course Outline

1. Introduction to microeconomics and economic models (Perloff: Ch. 1)
2. Firms and production (Perloff: Ch. 6)
3. Firms: costs (Perloff: Ch. 7)
4. Competitive firms and markets (Perloff: Ch. 8)
5. Monopoly and monopsony (Perloff: Ch. 11)

6. Pricing and advertising (Perloff: Ch. 12)
7. Game theory (Perloff: Ch. 13)
8. Product markets: Oligopoly and monopolistic competition (Perloff: Ch. 14)
9. Factor markets (Perloff: Ch. 15)

Please note that I reserve the right to make modifications to the list of contents as the term proceeds. Any such modifications will be announced in a timely fashion by email and/or via Brightspace.

Brightspace:

Brightspace and the Carleton email system will be used extensively as a means of communication with students. Therefore, students are strongly advised to access Brightspace and check their Carleton email at regular intervals in order to check for new information. To access Brightspace and the Carleton email system, students require a MyCarletonOne account. For questions about MyCarletonOne accounts, students should access <http://carleton.ca/ccs/get-started/> (and then click on either New Students or New Grad Students, as appropriate) or contact the ITS Service Desk (4th Floor, MacOdrum Library, telephone: 613-520-3700).

Tutorial: Tutorials will be run by teaching assistants (TAs) and are opportunity for students to review course materials and practice questions.

Student Evaluation & Course Grades

Each student's grade in the course will be calculated as a weighted average of scores for two assignments (25%), a mid-term examination (30%), and a final examination (45%). Assignments will be due before specific lectures (TBA).

- Two Assignments 25% (12.5% for each)
- Mid-term Exam (In-class tentative date: Feb. 15, 2023) 30%
- Final Exam (TBA—scheduled by the University) 45%

In the event that one or more assignments are not submitted, the weight of the missed assignment(s) will not be transferred to the final examination without a documented and compelling reason. Applications to write a deferred final examination must be made at the Registrar's Office.

No late assignment will be accepted.

Missed midterm:

Students who can document a compelling reason for missing the mid-term examination will be excused and their final grade will be based on their performance in the rest of the course—i.e., the weight of each of the remaining evaluation instruments will rise by a factor of $1/.70$ (e.g., the final examination weight will become $45\% \times 1/.70 = 64.29\%$). Students *must* inform the instructor of

such an absence in advance, if possible. Application to write a deferred final examination must be made at the Registrar's Office.

Satisfactory Performance Criteria: Students must fulfil all of the preceding course requirements in order to achieve a passing grade (D- or higher). Failure to write the final examination when the student has achieved satisfactory performance during the term will result in a grade of 'F' until an appeal to write the deferred final exam, if granted by the Registrar's Office. A change of grade will be submitted when the deferred final exam has been written and the marks are available. See Academic Regulation 2.3 for the official meanings of the grades and note that it stipulates that no course grades are final until approved by the Faculty Dean. 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.

Final Exam:

To be scheduled by the University. For updates, consult <http://www.carleton.ca/ses>

NOTE:

For verification and security purposes, I will not reply to emails originating from non-Carleton e-mail accounts, and which are not signed with a student's name and student number. Assignments and changes to schedules will be made available on Brightspace only. Please ensure that you have a Carleton email account.

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 "Academic Integrity and Offenses of Conduct": <https://carleton.ca/economics/courses/writing-preliminaries/academic-integrity-and-offenses-of-conduct/>

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

Please contact your instructor 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, visit the Equity Services website: carleton.ca/equity/wpcontent/uploads/Student-Guide-to-Academic-Accommodation.pdf

Religious obligation

Please contact your instructor 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, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Academic Accommodations for Students with Disabilities

If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613-520-6608 or pmc@carleton.ca for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made. carleton.ca/pmc

Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and its survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: carleton.ca/sexual-violence-support

Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor 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.

<https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

For more information on academic accommodation, please contact the departmental administrator or visit: students.carleton.ca/course-outline