

**CARLETON UNIVERSITY**  
**Department of Economics**

**Professor Maya Papineau**

**FALL 2019**

**COURSE INFORMATION:**

**Class Hours:** Mondays and Wednesdays, 10:05-am-11:25am

**Class Location:** 240 Tory Building

**Tutorial Hours:** Wednesday 8:35am-9:55am (see schedule below for specific tutorial dates)

**Tutorial Location:** 240 Tory Building

**Professor Office Hours:** Mondays 5:30-6:30pm or by appointment

**Professor Office Location:** Loeb Building A808

**Professor Contact:** Email: maya.papineau@carleton.ca, Tel 613 520-2600 (Ext. 3758)

**T.A.:** TBD

**T.A. Office Hours:** TBD

Website: We use cuLearn at <https://www.carleton.ca/culearn>

**ECON 2020 A**

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

Carleton University, 2019 Fall

## **Introduction**

This course provides an analysis of the economics of supply, that is how firms optimally produce, price and sell their products. We will consider competitive markets, monopolies and oligopolies, the latter requiring an introduction to game theory.

## **Textbook**

The textbook we will use is

Perloff, Jeffrey M. **Microeconomics: theory & applications with calculus**, 4<sup>th</sup> edition. Previous editions of the text are acceptable as well. There are also copies of the textbook available at the library reserves. We will cover chapters 6, 7, 8, 11, 12, 13, 14, and 15, although not necessarily all of each.

## **Evaluation**

Class participation/attendance: 10%

Five assignments: 2% each, due in tutorial

Midterm 1: 20%, scheduled for October 7<sup>th</sup>

Midterm 2: 20%, scheduled for November 18<sup>th</sup>

Final exam: 40%, scheduled by the University

The final exam will be cumulative, i.e. based on the whole course.

## Top Hat and Class Participation Grade

For the class participation grade as part of the course evaluation, we will be using the Top Hat ([www.tophat.com](http://www.tophat.com)) classroom response system in class. You will be able to submit answers to in-class questions using Apple or Android smartphones, tablets, laptops, or through text message.

A participation grade of 100% will be given to students who at least 80% of the multiple choice questions presented in class throughout the semester. There is no requirement to answer the questions correctly, you simply need to be in class and answer the in-class questions using Top Hat.

You can visit the Top Hat Overview (<https://success.tophat.com/s/article/Student-Top-Hat-Overview-and-Getting-Started-Guide>) within the Top Hat Success Center which outlines how you will register for a Top Hat account, as well as providing a brief overview to get you up and running on the system.

An email invitation will be sent to you by email, but if you don't receive this email, you can register by simply visiting our course website: <https://app.tophat.com/e/576654> Note: our Course Join Code is 576654

The cost for a one semester subscription to Top Hat is \$30.

Should you require assistance with Top Hat at any time, please contact their Support Team directly by way of email ([support@tophat.com](mailto:support@tophat.com)), the in app support button, or by calling 1-888-663-5491.

## Class Assignments and Tutorials

I strongly recommend spending a lot of time on the assignments, as they will be good preparation for the exams. Even though they only account for a small portion of the overall grade, they are a good indicator of how well you are likely to do on the exam. Try thinking about problems without looking at your notes or the book first. When you get stuck, consult your notes; when you get really stuck, ask your fellow students for help or come to office hours. Remember that copying somebody else's assignment is not allowed and considered plagiarism (see below). The students that will find this class the easiest are ones that **do not** memorize how to solve problems, but understand why they are taking each step in the process of solving a problem.

Tutorial time will be used to present problem set and midterm solutions. The course TA will go over the problem set solutions in the tutorial *on the day of the due date* – therefore no late assignments will be accepted. Solutions to the problem sets will NOT be posted or handed out. Please do not ask for them. If you would like more assistance, you are encouraged to see me in office hours or the TA office hours.

In the calculation of final grades I will only include each student's top four assignment grades. This does NOT mean you should not do your best to complete each assignment. You will be better off by completing and doing your best on each assignment and handing it in, as this will increase how much practice you get. The old adage "practice makes perfect" applies here.

### E-MAIL

In general it is difficult to effectively answer questions about class material by e-mail; I suggest you reserve these questions for office hours or in class. E-mail is best reserved for questions relating to scheduling, administrative issues or urgent matters affecting your participation in the course. If you do e-mail me, I will respond within no more than 72 hours (usually less, but I can't guarantee that). Please include "Econ 2020" in the subject line of all e-mails, otherwise I may not see it.

## Tentative Schedule

Please note that this schedule is subject to revision and may change during the course of the semester.

04-Sep	Introduction & Ch6 Production		<b>Tutorial Content:</b>
9-Sep	Ch6 Production		
11-Sep	Ch6 Production		
16-Sep	Ch7 Costs		
<b>18-Sep</b>	Ch7 Costs	Tutorial	<b>Assignment #1 due</b>
23-Sep	Ch7 Costs		
<b>25-Sep</b>	Ch8 Comp Markets	Tutorial	<b>Assignment #2 due</b>
30-Sep	Ch8 Comp Markets		
<b>2-Oct</b>	Ch8 Comp Markets	Tutorial	<b>Practice Midterm 1 Questions</b>
<b>7-Oct</b>	<b>Midterm #1</b>		
<b>9-Oct</b>	Ch11 Monopoly	Tutorial	<b>Midterm Solutions</b>
14-Oct	Thanksgiving	No Classes	
16-Oct	Ch11 Monopoly		
21-Oct	Reading Week	No Classes	
23-Oct	Reading Week	No Classes	
28-Oct	Ch11 Monopoly		
<b>30-Oct</b>	Ch13 Game Theory	Tutorial	<b>Assignment #3 due</b>
4-Nov	Ch13 Game Theory		
<b>6-Nov</b>	Ch13 Game Theory	Tutorial	<b>Assignment #4 due</b>
11-Nov	Ch14 Oligopoly		
<b>13-Nov</b>	Ch14 Oligopoly	Tutorial	<b>Practice Midterm 2 Questions</b>
<b>18-Nov</b>	<b>Midterm #2</b>		
<b>20-Nov</b>	Ch14 Oligopoly	Tutorial	<b>Midterm Solutions</b>
25-Nov	Ch12 Pricing		
<b>27-Nov</b>	Ch12 Pricing	Tutorial	<b>Assignment #5 due</b>
2-Dec	Ch12 Pricing		
<b>4-Dec</b>	Ch15 Factors	Tutorial	<b>Extra tutorial (if needed)</b>
6-Dec	Ch15 Factors		

## Preclusions & Prerequisites

Precludes additional credit for ECON 2001, ECON 2002 (no longer offered), ECON 2003 (no longer offered), and ECON 2009. Prerequisite(s): ECON 1000, Econ 1001 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, Amanda Wright. 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(ered final grade) status at the end of this course precludes (continued) registration in any other course for which the former is a prerequisite

## Exam deferrals policy

Students who can *document* a compelling reason for missing an assignment or one of the mid-term examinations will be excused and the assigned weight will automatically be added to the final exam (there will be no deferred midterm exams). Students must inform me of any such an absence in advance, if possible. Having multiple midterms or quizzes in close succession to each other is not a satisfactory reason to miss an examination, nor is a family reunion or vacation. **Any medical notes or related supporting documents**

**must be verified and submitted to me within one week of the missed test.** Application to write a deferred final examination must be made at the Registrar's Office.

## Satisfactory Performance Criteria

Students must fulfill the preceding course requirements in order to achieve a passing grade (D- or higher). Failure to submit an assignment or failure to write a mid-term examination without adequate reason/documentation will result in a grade of zero for that course component, and of course reduces your chances of obtaining a passing grade. 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.

## Plagiarism

Any form of cheating and plagiarism is inadmissible and will be dealt with according to University policies & guidelines, see <https://carleton.ca/registrar/academic-integrity/>.

## Information on Academic Accommodations

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

### **Pregnancy obligation or religious obligation accommodation**

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: **Student Guide to Academic Accommodation**

### **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](mailto: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 in-class 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](https://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: <https://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. Reason-

able 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>