

**CARLETON UNIVERSITY, Department of Economics**

**ECON 2020C (Fall 2021)**

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

Instructor: Professor: Z. Yu

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**Lectures:** Mondays and Wednesdays 14:35-15:55.

Notice that this section provides online synchronous learning (only lecture slides, but not lecture recording, will be available after each class), using Zoom via the Brightspace learning management system at Carleton University.

**Tutorials:** Wednesdays 16:05-17:25 (online synchronous only)

**Instructor's Online Office Hours:** TBA

**TA:** TBA

**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.

**OBJECTIVES:**

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 and imperfectly competitive market structures; the role of information; game theory and public policy.

**REQUIRED TEXTBOOK:**

Microeconomics: Theory and Applications with Calculus, 5th edition, by Jeffrey M. Perloff, 2020 (Additional study materials are available via MyLab Economics with Pearson eText – check with CU Bookstore or the Publisher's website).

**WEEKLY TUTORIALS:**

The main purpose of the tutorials is to give students guidance in working through particular problems and applications (in either MC and problem-solving exercises) of intermediate microeconomic theory covered in the lectures and in the textbook. Detailed schedule of these tutorials (run by a Teaching Assistant) will be available after the semester begins. The teaching assistant(s) may also spend some time answering students' questions about course materials.

**WEEKLY HOMEWORK:**

Class attendance and reading the course materials are essential. The textbook has "solved problems" for most chapters, which provide good examples of self-learning practice. In addition, I will provide several exercises for each chapter covered during the course. Although these exercises will not be formally graded (due to TA resource constraints), your TA will discuss some of them in details during the weekly tutorials. However, you will receive 1 mark each week if you submit your finished weekly homework (0.5 mark) and attend the weekly tutorials (0.5 mark), up to a maximum of 10 marks.

## EXAMINATIONS:

This course has **three in-class tests** (with **CoMaS e-proctoring**<sup>1</sup>). The schedules of these tests will be announced by the end of September.

**Important:** (i) You will be accommodated for missing a test only for a documented compelling reason. You will have to **notify the instructor within 24 hours (or in advance) via email, followed by the document (e.g. a doctor's note) within 3 days.** (ii) Furthermore, if you miss a test, the assigned weight will be added to the subsequent test, in that case, you will write a different test that combines the two tests. A maximum of one missed test is permitted.

## EVALUATION:

Weekly homework and tutorials: 10%

Test 1: 35% (Module I)

Test 2: 45% (Module II)

Test 3: 10% (Module III)

## Plagiarism

Please be aware that plagiarism is serious offence 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/](http://www.carleton.ca/economics/courses/writing-preliminaries/).

## Academic Accommodation:

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, please visit: [students.carleton.ca/course-outline](http://students.carleton.ca/course-outline)

## COURSE STRUCTURE

### Module I

Chapter 1: Introduction

Chapter 6: Firms and Production

Chapter 7: Costs

Chapter 8: Competitive Firms and Markets

### Module II

Chapter 11 Monopoly and Monopsony

Chapter 12 Pricing and Advertising (excl §12.6)

Chapter 13 Game Theory (excl §13.4 - 13.5)

Chapter 14 Oligopoly (and Monopolistic Competition) (excl §14.6)

### Module III

Chapter 14 (Oligopoly and) Monopolistic Competition (§14.6)

Chapter 15 Factor Markets

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<sup>1</sup> A personal computer, equipped with a webcam, is required for **CoMaS e-proctoring**. Useful links for **CoMaS e-proctoring**: <https://carleton.ca/ses/e-proctoring/#sect1> and <https://carleton.ca/ses/wp-content/uploads/CoMaS-Student-Instructions-v.-1.08.pdf>