

CARLETON UNIVERSITY, Department of Economics

ECON 2030B: Intermediate Microeconomics II: Consumers and General Equilibrium (Winter 2024)

Instructor: Prof. Zhihao Yu

Email: zhihao.yu@carleton.ca or zhihao.yu@gmail.com

Instructor's office hours: TBA

Lectures: Tuesdays and Thursdays 1:05pm – 2:25pm

Tutorials: Thursdays 2:35pm-3:55pm

TA: Pratap Basnet (pratapbasnet@cmail.carleton.ca)

PREREQUISITES:

ECON 2020 with a grade of C- or higher or ECON 2009 with a grade of C+ or higher, and ECON 1402 (or equivalent) with a grade of C- or higher. 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.

N.B. This course precludes additional credit for ECON 2001. A grade of C+ or higher is required to qualify for ECON 3900, 3920, and 4020.

OBJECTIVES:

The objective of this course is to study the theory of consumer choice, economics and welfare analysis of supply and demand in competitive general equilibrium, choice under uncertainty and other selected topics.

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. **Pearson MyLab Economics Course ID:** yu04386)

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. Your TA will discuss these exercises in detail during the weekly tutorials and students will have to submit finished work afterwards. You will receive 1 mark each week if you attend the tutorial and submit the homework, for up to a maximum of 10 marks.

EVALUATION:

In-class/person Test/Midterm 1: 30% (Module I) – on **February 15**

In-class/person Test/Midterm 2: 35% (mainly Module II, and Module I) on **March 21**

In-class/person Test/Midterm 3: 15% (mainly Module III, and Module I or II) on **April 9**

Weekly tutorials and homework (submit within 48 hours after each tutorial): 10% (5%+5%)

Class Participation*¹: 10%

EXAMINATIONS:

Important: (i) A student will receive a zero mark for the missing a midterm unless he/she submits a e-copy of the **Self-declaration for Academic Consideration From** (<https://carleton.ca/registrar/wp-content/uploads/self-declaration.pdf>) to the Instructor, either before the exam or within 48 hours after. (ii) Furthermore, the assigned weight of the missing test/midterm will be added to the subsequent test/midterm – that is, you will write a different midterm/test. A maximum of missing one test/midterm is permitted.

Plagiarism

Please be aware that plagiarism is a serious offence at Carleton and should be recognized and avoided. For further information on how to do so, please see <https://carleton.ca/economics/plagiarism-resources-and-accommodations/>

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

COURSE OUTLINE (The exercises for the homework can be found at the end of each chapter)

Module I

Chapter 2 Supply and Demand

Homework: Exercises 1.4, 2.3, 4.4, 4.8, 5.2, 6.1, 6.4, 6.10, 7.4

Chapter 3 A Consumer's Constrained Choice

Homework: Exercises 2.5, 4.4, 4.8, 4.15

Chapter 4 Demand

Homework: Exercises 1.4, 2.6, 3.8, 4.8; Derive the demand function solutions in Table 4.1 (on page 107).

Chapter 5 Consumer Welfare and Policy Analysis

Homework: Exercises 1.3, 2.4, 3.3, 4.14

Module II

Chapter 9 Properties and Applications of the Competitive Model

Homework: Exercises 4.2, 5.2 and 5.4

Chapter 10 General Equilibrium and Economic Welfare

¹ Students who miss more than half of the classes will not be allowed to write the Tests (if written, their exams will not be graded).

Homework: Exercises 1.1, 1.2, 2.5, 3.1, 4.6

Module III

Chapter 16 Uncertainty

Homework: Exercises 1.7, 2.7, 3.3, 4.2,

Chapter 17 Property Rights, Externalities, Rivalry and Exclusion

Homework: Exercises 2.3, 2.4, 3.8, 4.2, 6.13