

YORK UNIVERSITY  
LA & PS  
DEPARTMENT OF ECONOMICS

WINTER 2020

AP/ECON 4010.03 A: ADVANCED MICROECONOMIC THEORY  
MW 13:00 – 14:30, SLH C

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Instructor: VASSILIOS BARDIS  
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PREREQUISITES

AP/ECON1000.03 and AP/ECON1010.03 , AP/ECON1530.03 and AP/ECON1540.03, and AP/ECON2300 .03, AP/ECON2350 .03 and AP/ECON3530 .03 or for students with equivalent preparation, permission of the Chairperson of Economics.

COURSE DESCRIPTION

The course covers advanced topics from producer theory, consumer theory, competitive and non-competitive markets, factor pricing, income distribution, general equilibrium and welfare economics, game theory and asymmetric information.

SOME IMPORTANT DATES

Classes start / end	Jan. 6 / April 5
Reading Week	Feb. 15-21
Examination Period	April 7-25
Last date to add a course without/with permission of instructor	Jan. 19 / Feb. 3
Drop deadline: Last date to drop a course without receiving a grade	March 13
Course Withdrawal Period (withdraw from a course and receive a grade of “W” on transcript)	March 14 - April 5

GRADING

The course grade will be based on a midterm exam to be held in class on **Feb. 12** (35%), participation (5%), and a final exam, worth **50%**, to be held during the examination period. The final exam will be comprehensive. The final exam date will be scheduled and posted by the Registrar’s office.

There is no makeup for the midterm exam. For students who miss the test for a valid reason and provide supporting documentation, the weight of the midterm will be transferred to the final exam.

**Students who are unable to write the final exam must follow the steps described on <http://www.yorku.ca/roweb/exams/deferred/>**

Observance Dates: Students for whom the midterm test date coincides with a religious observance must let me know within the first two week of classes. If there is such a conflict with respect to the final exam, students must complete an 'Examination Accommodation Agreement' soon after the final exam date is published. (This form can be obtained from the Registrar's office.)

Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities <http://www.yorku.ca/secretariat/policies/document.php?document=68>

Note on Senate Policy on Academic Honesty: Conduct that violates the ethical or legal standards of the University community or of one's program or specialization may result in serious consequences. Students are encouraged to familiarize themselves with the Senate Policy

Note on the use of Electronic Devices: All electronic devices must be turned off during class. Audio/visual recordings of any type are not allowed.

Only simple calculators are allowed during tests and exams.

### TEXTBOOKS

There is no required textbook. The first two textbooks on the list below are recommended.

1. Hal Varian, *Microeconomic Analysis*, 3<sup>rd</sup> Edition, W. W. Norton & Company, Inc., 1992.
2. Geoffrey A. Jehle & Philip J. Reny, *Advanced Microeconomic Theory*. Addison Wesley, 2011
3. David M. Kreps, *A Course in Microeconomic Theory*, Princeton University Press, 1990.
4. Andreu Mas-Colell, Michael D. Whinston, Jerry R. Green, *Microeconomic Theory*, Oxford University Press, 1995.
5. Walter Nicholson and Christopher M. Snyder, *Microeconomic Theory : Basic Principles And Extensions*, Nelson Education, 2011.

### LIST OF TOPICS:

Producer Theory (Varian 1 - 6)

Consumer Theory (Varian 7 – 10)

General Equilibrium and Efficiency (Varian 13, 17, 18)

*If time allows:*

Monopoly, Externalities and Public Goods (Varian 14, 23, 24)

Uncertainty and Asset Markets (Varian 11, 20)

Game Theory (Varian 15, 16)