

## Econ 711: Microeconomic Theory 2

Winter 2023

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Please add Econ 711 to the subject line.

### Course Overview

This is the second part of a 2-semester graduate microeconomic theory sequence. The topics covered will relate to game theory (or multi person decision theory) and the economics of information.

### Class Schedule

Tue/Thu 8:35 - 9:55pm, Leacock 541.

### Office Hours

Fri 9-10am, Leacock 531

### Prerequisites

Econ 710

### Textbook

Mas-Collel, A., M.D.Whinston and J. Green, *Microeconomic Theory*, Oxford University Press, 1995.  
(continued from the previous semester)

Fudenberg, D. and J. Tirole, *Game Theory*, MIT Press, 1991. (recommended)

### Exam Dates

Midterm: 23rd Feb.

Finals : 11th Apr.

### Tentative Sequence of Topics

- Strategic Games
- Extensive Form Games
- Bayesian Games
- Dynamic Games
- Adverse Selection
- Principal-Agent Problems
- Mechanism Design

### Grading

Approximately every two weeks you will be given a problem set. These are due one week later. Solutions will be posted immediately after the submission date. At the end of the semester, one randomly selected problem set will be graded and this will constitute 10% of your final grade. You may choose to drop at

most one problem set. Working through the problem sets carefully is the best way to learn the course material. You are encouraged to work in groups. However, you must write up the solutions on your own. Copied solutions will get a score of zero.

Your final grade will be based on the problem sets (10%), one midterm exam (30%) and a final exam (60%). If you miss the midterm exam for a valid reason then the final exam will instead carry a weight of 90%. There will be no makeup exam for the midterm.

## **Regrading**

If you have any concerns regarding grading please get in touch with me. Mistakes in tallying scores would be corrected immediately. If you feel that an exam has been graded unfairly please let me know. In such a case you must submit your entire exam for a regrade. Requests to regrade specific questions will not be entertained. Exams written in pencil will not be regraded.

## **Other Important Guidelines**

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see [www.mcgill.ca/integrity](http://www.mcgill.ca/integrity) for further information).

According to Senate regulations, instructors are not permitted to make special arrangements for final exams. Please consult the calendar, section 4.7.2.1, General University Information and Regulations, at [www.mcgill.ca](http://www.mcgill.ca) .

In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in English or in French any written work that is to be graded.