

## Economics 757(L01) (Microeconomic Theory II)

Instructor: Dimitri Migrow  
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Lecture Location: SS403  
Lecture Days/Time: TR 10:00-11:15

Office: SS448  
Office Hours: TBA

(Winter 2018)

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### Course Description

This is the second course in the PhD Micro sequence. We focus on non-cooperative game theory and develop methods to analyze how agents' make decisions which are influenced by the decisions of other agents. We apply game theory to analyze strategic and informational issues. The more detailed course description follows in the first week of the course.

### Course Objectives/Learning Outcomes

By the end of the course, students will be able to solve for and characterize the properties of the equilibria of standard models in game theory and information economics, as well as apply the tools of microeconomic theory to interesting problems in economics.

### Prerequisites/corequisites

Econ 707

### Tutorials

Students are expected to attend a weekly tutorial section. During the tutorial section the TA will discuss pre-assigned questions/material relevant to the course.

### Required Textbook(s)

Microeconomic Theory (Mas-Collel, Whinston, Green)  
A Course in Game Theory (Osborne and Rubinstein)

### Recommended Textbook(s)

### Reserved Readings

Game Theory (Fudenberg and Tirole)  
Advanced Microeconomic Theory (Jehle and Reny)  
Microeconomic Theory (Mas-Collel, Whinston, Green)  
A Course in Game Theory (Osborne and Rubinstein)

**Course Requirements/Assessments:**

Student performance will be evaluated through a collection of assignments, two midterm exams and a final exam, with the following weights:

<b>Assignments</b>	<b>20%</b>
<b>Midterm I (Thurs Feb 20)</b>	<b>15%</b>
<b>Midterm II (Thurs Mar 20)</b>	<b>15%</b>
<b>Final</b>	<b>50%</b>

There would be 8 evaluated assignments (the weight of each assignment is 2.5% of the final mark). The dates when the assignments are due is TBA. Both midterms are held in SS403, 1:00-2:30 pm (not in class). The date of the final exam/location is TBA.

**Desire2Learn:** This course will make use of the Desire2Learn (D2L) platform. Students who are registered in the course can log on at <http://d2l.ucalgary.ca> through their student centre. Please note that D2L features a class e-mail list that may be used to distribute course-related information. These e-mails go to your University of Calgary e-mail addresses only.

**Grade Determination and Final Examination Details**

Department of Economics Criteria for Letter Grades. Economics professors use the following criteria when assigning letter grades:

Grade	Grade Point Value	Description	Grade	Grade Point Value	Description
A+	4.00	Outstanding	C+	2.30	All grades below "B-" are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. Individual programs may require a higher passing grade.
A	4.00	Excellent-superior performance, showing-comprehensive understanding of subject matter	C	2.00	
A-	3.70	Very good performance	C-	1.70	
B+	3.30	Good performance	D+	1.00	
B	3.00	Satisfactory performance	D	1.00	
B-	2.70	Minimum pass for students in the Faculty of Graduate Studies	F	0	

**Grading Scale**

A+	95 – 100	B	73 – 76	C-	60 – 62
A	85 – 94	B-	70 – 72	D+	56 – 59
A-	80 – 84	C+	67 – 69	D	50 – 55
B+	77 – 79	C	63 – 66	F	0 – 49

A passing grade on any particular component of the course is not required for a student to pass the course as a whole.

There will be a department scheduled final examination, held in a classroom, lasting 2 hours. Non-programmable calculators **WILL** be allowed during the writing of tests or final examinations.

Tests and exams **WILL NOT** involve multiple choice questions.

**Reappraisal of Grades**

**For reappraisal of graded term work, see Calendar I.2**

<http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

**For reappraisal of final grade, see Calendar I.3**

<http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

A student who feels that a piece of graded term work (e.g., term paper, essay, test) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within 15 days of being notified about the mark or of the item's return to the class; no reappraisal of term work is permitted after the 15 days. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next 15 days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same. If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within 15 days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

**Plagiarism and Other Academic Misconduct**

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct,

<http://www.ucalgary.ca/pubs/calendar/current/k-2.html>

**Academic Accommodations:**

The student accommodation policy can be found at: [ucalgary.ca/access/accommodations/policy](http://ucalgary.ca/access/accommodations/policy).

Students needing an accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities [ucalgary.ca/policies/files/policies/student-accommodation-policy](http://ucalgary.ca/policies/files/policies/student-accommodation-policy).

Students needing an Accommodation based on a Protected Ground other than disability, should communicate this need, preferably in writing, to the course instructor.

**Absence from a Test/Exam**

THERE WILL BE NO MAKEUP OR DEFERRED QUIZZES under any circumstances, nor may the quizzes be written early. Students unable to write the quizzes because of documented illness, family emergency, religious observance, or university-sanctioned event will have the weight shifted to the final examination; otherwise a grade of zero will be assigned. If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam [www.ucalgary.ca/registrar/exams/deferred\\_final](http://www.ucalgary.ca/registrar/exams/deferred_final) Under no circumstance will this be accommodated by the department.

**Important Dates**

Please check: <http://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>

Faculty of Grad Studies website: <http://grad.ucalgary.ca/home>

Graduate Students Association: <http://gsa.ucalgary.ca/>

Professional Development for Grad Students

Workshops and resources can be found at <http://www.ucalgary.ca/mygradskills/>

Economics Graduate Association: <http://econ.ucalgary.ca/ega/>

**Evacuation Assembly Point:**

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The assembly point for this classroom is the Professional Faculties Food Court.

**Safewalk:**

The Safewalk program provides volunteers to walk students safely to their destination anywhere on campus. This service is free and available 24 hrs/day, 365 days a year. **Call 403-220-5333.**

**Freedom of Information and Protection of Privacy (FOIP) Act:**

Personal information is collected in accordance with FOIP. For more information, see <http://www.ucalgary.ca/legalservices/foip/foip-hia>.

**Internet and Electronic Communication Device information:**

The use of cell phones for any purpose in class is prohibited. Computers and tablets may be used for note-taking only.