

## Economics 373 (L01) Game Theory and Strategic Thinking for Social Sciences

Instructor:	B. Curtis Eaton	Lecture Location:	ICT 114
Phone:	403-220-2672	Lecture Days/Time:	MWF 13:00-13:50
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Office:	MWF 13:00-13:50		
Office Hours:	W 08:00-10:00	Fall 2015	

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### Textbook(s):

Carmichael, Fiona. A Guide to Game Theory, Prentice Hall, 1<sup>st</sup> edition, 2005.

### Book(s) on Reserve:

none

**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.

**Course Outline:** Chapter references in the following outline are to the textbook

1. Introduction to games and strategic thinking (Chapters 1 and 2)
2. Prisoner's dilemma games (Chapter 3)
3. Sequential move games (Chapter 4)
4. Imperfect information (Chapter 5)
5. Mixed strategies and evolutionary games (Chapter 6)
6. Asymmetric information (Chapter 7)
7. Repeated games (Chapter 8)
8. Bargaining theory (Chapter 9)

I will provide detailed lecture notes. These notes are at least as important as the textbook

### Grade Determination and Final Examination Details:

There will be a midterm exam (worth 25%), a final exam (worth 25%), and approximately 10 in-class quizzes (worth 50%). The midterm is on Friday, October 23, from 1:00 to 1:50 in ICT 114. Students who are unable to write the midterm because of an illness, family emergency or religious observance will have the midterm weight shifted to the final examination. Documentation **MUST** be provided. The two lowest quiz marks will be ignored.

The midterm exam and the weekly quizzes are designed to reward **diligence**. In particular, most students who diligently prepare for the weekly quizzes will go into the final exam with a sound mark, somewhere in the B to A range.

Tests and final exams are marked on a numerical (percentage) basis, then converted to letter grades. The course grade is then calculated using the weights indicated above. The following letter grade equivalences will apply:

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.

Non-programmable calculators **WILL** be allowed during the writing of tests or final examinations.

There will be a Registrar scheduled final examination, held in a classroom, lasting 2 hours.

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

**Notes:**

- All students must comply with the regulations published in the University Calendar concerning “Intellectual Honesty,” “Examinations,” etc.
- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) should discuss their work with the Instructor *within fifteen days* of the work being returned to the class.
- It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.
- Students who are unable to write the midterm because of an illness, family emergency or religious observance will have the midterm weight shifted to the final examination. Documentation **MUST** be provided.

Students' Union Vice-President Academic:

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Society of Undergraduates in Economics (S.U.E.):

[www.ucalgary.ca/sue](http://www.ucalgary.ca/sue)

Society of Undergraduates in Economics is a student run organization whose main purpose is to assist undergraduate economics students succeed both academically and socially at the University of Calgary. Services include access to the exam bank, career partnerships with the Career Centre through hosting industry nights and information sessions, recognizing achievements in teaching, and organizing social events for members. They invite you to join by contacting [sue@ucalgary.ca](mailto:sue@ucalgary.ca).

*Faculty of Arts Program Advising and Student Information Resources*

- Have a question, but not sure where to start? The Arts Students' Centre is your information resource for everything in Arts! Drop in at SS102, call them at 403-220-3580 or email them at [artsads@ucalgary.ca](mailto:artsads@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns, including program planning and advice.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them in the MacKimmie Library Block.
- Online writing resources are available at <http://www.ucalgary.ca/ssc/resources/writing-support>

Safewalk/Campus Security: 403 220 5333  
Emergency Assembly Point: Social Sciences Food Court

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