



## Department of Economics Course Outline

		<b>Term:</b>	Summer 2013
<b>Course:</b>	Economics 373 [Game Theory and Strategic Thinking for Social Sciences]	<b>Section:</b>	60
<b>Time:</b>	TR 12:00-14:45	<b>Place:</b>	ST 128
<b>Instructor:</b>	Robert J. Oxoby		
<b>Office:</b>	SS44	<b>Telephone:</b>	220-2586
<b>Office Hours:</b>	By appointment.	<b>E-mail:</b>	oxoby@ucalgary.ca

### **Textbook(s):**

Harrington, Joseph E. Games, Strategies, and Decision Making, Worth, 1<sup>st</sup> edition, 2009.

### **Book(s) on Reserve:**

none

### **Course Outline:**

Introduction (Chapters 1 and 2; week of July 2)  
Strategic Form Games (Chapters 3, 4, 5 and 7; week of July 9)  
Extensive Form Games (Chapters 8 and 9; week of July 16)  
Games of Incomplete Information (Chapters 10 and 11; week of July 23)  
Repeated Games (Chapters 13 and 14; week of July 30)  
Evolutionary Game Theory (Chapters 16 and 17; week of August 6)

### **Grade Determination and Final Examination Details:**

There will be one midterm exam (worth 30%), a final exam (worth 30%), and weekly assignments (worth 40% in total). Note that the assignments may include written and mathematical components.

The midterm and final examinations and the weekly quizzes are marked on a numerical (percentage) basis, then converted to letter grades. The course grade is then calculated using the weights indicated above. As a guide to determining standing, these letter grade equivalences will generally apply:

A+	96-100	B	76-80	C-	56-60
A	91-95	B-	71-75	D+	51-55
A-	86-90	C+	66-70	D	46-50
B+	81-85	C	61-65	F	00-45

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

Except with permission of the instructor, students are NOT allowed to use electronic devices including cell phones and computers during class. Permission will be granted only in very special circumstances.

Non-programmable calculators WILL NOT be allowed during the writing of tests or final examinations.

There will be a Registrar scheduled final examination, lasting TWO hours.

Tests and exams WILL NOT involve multiple choice questions.

Students' Union Vice-President Academic:

Emily Macphail

Phone: 403-220-3911

E-mail [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca)

Students' Union Faculty Representative (Arts)

Phone: 403-220-3913 Office: MSC 251

E-mail [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)

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 Faculty of Arts Program Information Centre (PIC) 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.

- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at 403-220-5881 or visit them on the 3<sup>rd</sup> Floor of the Taylor Family Digital Library.
- 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://ucalgary.ca/ssc/writing-support/online-writing-resources>

Notes:

- 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 seeking reappraisal of a piece of graded term work should discuss their work with the instructor *within fifteen days* of work being returned to class.

Safewalk / Campus Security: 403-220-5333  
Emergency Assembly Point: ICT Food Court

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