



UNIVERSITY OF
CALGARY

Department of Economics Course Outline

Term:	Winter 2010		
Course:	Economics 373 [Game Theory and Strategic Thinking for Social Sciences]	Section:	01
Time:	MWF 11:00 – 11:50	Place:	ICT 114
Instructor:	L. Yuan		
Office:	SS 416	Telephone:	403-220-5863
Office Hours:	R 11:00 – 12:00	E-mail:	yuan@ucalgary.ca

Textbook(s):

Required: Carmichael, Fiona. A Guide to Game Theory, Prentice Hall, 1st edition, 2005.

Book(s) on Reserve:

None

Course Outline: Chapter references in the following outline are to Carmichael's excellent 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)

Grade Determination and Final Examination Details:

There will be one midterm exam (worth 30%), a final exam (worth 40%), and 5 assignments (worth 30%).

All work will be marked on a numerical basis, then aggregated, and converted to letter grades. The following *grade conversion chart* is an approximate guide to letter grade equivalents.

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	<45

Calculators will not be allowed during the writing of tests and final examinations. There will be a Registrar scheduled final examination, lasting 2 hours and held in a classroom. Tests and exams will not involve multiple choice questions.

Students' Union Vice-President, Academic:

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www.ucalgary.ca/sue/

Notes:

- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) must discuss their work with the Instructor *within 15 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 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.

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