



## Department of Economics Course Outline

		<b>Term:</b>	Fall 2004
<b>Course:</b>	Economics 373 [Game Theory and Strategic Thinking for Social Sciences]	<b>Section:</b>	01
<b>Time:</b>	TR 08:00 ? 09:15	<b>Place:</b>	ST 139 (subject to change)
<b>Instructor:</b>	B. Curtis Eaton		
<b>Office:</b>	SS 406	<b>Telephone:</b>	220-2672
<b>Office Hours:</b>	TR 10:30-12:00	<b>E-mail:</b>	<a href="mailto:eaton@ucalgary.ca">eaton@ucalgary.ca</a>

### **Required(s):**

Dixit , Avinash and Susan Skeath. Games of Strategy, W. W. Norton & Company, 2nd edition, 1999

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

Dixit , Avinash and Susan Skeath. Games of Strategy, W. W. Norton & Company, 2nd edition, 1999.

### **Course Outline:**

- Introduction to games and strategic thinking
- Basic concepts and techniques
- Prisoner?s dilemma games
- Games with strategic moves
- Evolutionary games
- Collective action games

- Uncertainty and information

### Grade Determination and Final Examination Details:

There will be two midterm exams, each worth 20%, a final exam, worth 40%, and four homework assignments, each worth 5%. The midterm exams will be held in class time on Thursday, October 7, and Thursday, November 18.

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

I reserve the right to change the grade conversion chart if, in my opinion, a change is necessary to fairly represent student achievement.

Non-programmable calculators will be allowed during the writing of tests and final examinations.

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

Tests and exams will not involve multiple choice questions.

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### Notes:

- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) must discuss their work with the Instructor within two weeks of the work being returned to the class.

Safewalk / Campus Security: 220-5333

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2004-08-11