Department of Economics
Course Outline

		Term:	Fall 2005
Course:	Economics 557 [Topics in Economic Theory I]	**Section:**	01
Time:	R 15:30 ? 16:45	**Place:**	SA 121
Instructor:	B. Curtis Eaton		
Office:	SS 406	**Telephone:**	220-2672
Office Hours:	TR 11:00 ? 12:00	**E-Mail:**	eaton@ucalgary.ca

Required Textbook(s):

An Introduction to Game Theory, Martin Osborne, Oxford, 1st Edition

Book(s) on Reserve:

Course Outline:

In this course you will have a chance to put to work the mathematical tools and economic concepts that you have learned in other courses. We will spend the first third of the course developing and exploring the basic concepts of non-cooperative game theory. In the second third, we will explore topics in the economics of information. In the first two thirds of course, the emphasis is very definitely on learning by doing: there will be one assignment per week, it will be quite demanding, and your performance on these assignments will be given a heavy weight in determining your course mark. The last third of the course will be structured around term papers in which students are expected to apply game theoretic techniques to a problem that interests them. Students will each make a 20 minute, in-class presentation on their term paper. You will be

required to use most of the mathematical techniques that you learned in Econ 387 and 389, and all of the core concepts of microeconomic theory. Most importantly, success in this course requires significant mathematical sophistication. We will rely heavily on Osborne?s superb textbook, and student?s are expected to work through the assigned reading on their own. Lectures will be devoted to problem solving.

Grade Determination and Final Examination Details:

Midterm:	30%
Final Examination:	30%
Homework Assignments:	20%
Term Paper:	20%

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. As a guide to determining standing, these letter grade equivalences will generally apply:

A+	95-100	B	75-79	C-	60-62
A	90-94	B-	70-74	D+	55-59
A-	85-89	C+	68-70	D	50-54
B+	80-84	C	63-67	F	0-49

If, for some reason, the distribution of grades determined using the aforementioned conversion chart appears to be abnormal the instructor reserves the right to change the grade conversion chart if the instructor, *at the instructor's discretion*, feels it is necessary to more fairly represent student achievement.

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

Calculators **will not** 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.

Students? Union Vice-President, Academic
   Paige Forsyth
   Phone: 220-3911
   E-mailsuvpaca@ucalgary.ca

Students' Union Faculty Representative (Social Sciences)
   Teale Phelps
   Phone: 220-3913 Office MSC 251
   E-mailsocialscirep@su.ucalgary.ca

Society of Undergraduates in Economics (S.U.E.)
 www.fp.ucalgary.ca/econ

Notes:

- 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.
- This course will make use of Blackboard. Students who are registered in the course can logon at http://blackboard.ucalgary.ca/webapps/login .

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Safewalk / Campus Security: 220-5333

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