Department of Economics
Course Outline

		Term:	Fall 2004
Course:	Economics 387 [Introduction to Mathematical Economics]	**Section:**	01
Time:	MWF 14:00 ? 14:50	**Place:**	SB 146 (subject to change)
Instructor:	Dr. L. Yuan		
Office:	SS 416	**Telephone:**	220-5863
Office Hours:	MW 11:00-12:00	**E-mail:**	yuan@ucalgary.ca

Textbook(s):

Chiang, Alpha C., *Fundamental Methods of Mathematical Economics*, McGraw-Hill, 1984, 3rd edition. We may also add some related material. *[Required]*

Dowling, Edward T., *Introduction to Mathematical Economics*, McGraw-Hill, latest edition. *[Optional]*

Book(s) on Reserve:

- Chiang, A. C., *Fundamental Methods of Mathematical Economics,* McGraw Hill, 3rd edition.
- Dowling, E. T., *Introduction to Mathematical Economics*, McGraw Hill, 2nd edition.

Course Outline:

The objective of this course is to describe some basic mathematical methods and their applications to economics. In particular, we will be concerned with elementary techniques in algebra, single and multivariable calculus, unconstrained and constrained optimization, comparative static analysis, equilibrium analysis.

Grade Determination and Final Examination Details:

Midterm 1	25%
Midterm 2	25%
Final Examination	50%

In addition, there will be a substantial amount of homework. The homework will not be graded, but will be very important for the exams. The final exam will be scheduled by the Registrar, held in the classroom and will last three hours. It will be a comprehensive examination of all material covered in the course. All exams will be closed-book ones.

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

Tests and exams will involve multiple choice questions.

Tests and final exams are marked on a numerical (percentage) basis, and 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+	93 - 100	B+	77 - 79	C+	67 - 69	D+	57 - 59
A	85 - 92	B	73 - 76	C	63 - 66	D	50 - 56
A-	80 - 84	B-	70 - 72	C-	60 - 62	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.

Finally, special attention should be directed toward the sections concerning attendance, tape recording of lectures, and student misconduct in the 2004-2005 Calendar.

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Notes:

- Makeup examinations and deferred examinations will not be given except in cases of extreme personal emergencies. Also, exams will not be given before the indicated exam dates.
- Students seeking reappraisal of a piece of graded term work should discuss this work with the instructor within two weeks of the work having been returned to the class.
- **THERE WILL BE NO MAKEUP OR DEFERRED TERM EXAMS** under any circumstances, nor may the exam be written early. Students unable to write the exam because of *documented* illness, family emergency or religious observance will have the weight shifted to the final examination; otherwise a grade of zero will be assigned.
- Students seeking reappraisal of term work should discuss the issue with the instructor within two weeks of the work being returned in class. Unclaimed work will be available from the instructor during office hours.

Safewalk / Campus Security: 220-5333

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LY:pml
2004-06-28