



Department of Economics Course Outline

Term: Winter 2005

Course: Economics 389
[Introduction to Mathematical Economics]

Section: 01

Time: MWF 10:00 ? 10:50

Place: ST 027 (subject to change)

Instructor: Dr. Lasheng Yuan

Office: SS 416

Telephone: 220-5863

Office Hours: MW 11:00 ? 12:00
(Subject to change)

E-Mail: yuan@ucalgary.ca

Textbook(s):

- Alpha C. Chiang, *Fundamental Methods of Mathematical Economics*, McGraw-Hill, 1984, 3rd ed. We may also add some related material [**Required**].
- Edward T. Dowling, *Introduction to Mathematical Economics*, McGraw Hill, Latest edition. [**Recommended**].

Book(s) on Reserve:

- None

Blackboard:

This course will make use of Blackboard - students who are registered in the course can log on at <http://blackboard.ucalgary.ca/webapps/login>

Course Outline:

The objective of this course is to study further essential mathematical background for economics, including more advanced optimization, integration, basic methods of dynamic analysis, and their applications to economics problems.