



Department of Economics Course Outline

		Term:	Winter 2010
Course:	Economics 389 [Introduction to Mathematical Economics II]	Section:	01
Time:	MWF 12:00 – 12:50	Place:	ST 125 (subject to change)
Instructor:	Dr. J. G. Rowse		
Office:	SS 452	Telephone	403-220-6109 (Office) 403-220-5857 (Dep't)
Office Hours:	MW 10:30 – 11:30 F 13:30 – 14:30	E-mail:	rowse@ucalgary.ca

Textbook(s):

Required:

- Chiang, A. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw-Hill, 2005, 4th edition.

Recommended:

- Dowling, E., *Schaum's Outline of: Theory and Problems of Introduction to Mathematical Economics*, McGraw-Hill, 2001, 3rd edition.

Book(s) on Reserve:

- Baldani, J., Bradfield, J., & R. Turner, *Mathematical Economics*, Thomson, South-Western 2005, 2nd edition.
- Chiang, A. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw-Hill, 2005, 4th edition.
- Dadkhah, Kamran, *Foundations of Mathematical and Computational Economics*, Thomson, South-Western, 2007.
- Dowling, Edward T., *Schaum's Outline of: Theory and Problems of Introduction to Mathematical Economics*, McGraw-Hill, 3rd ed. 2001.
- Glaister, S., *Mathematical Methods for Economists*, Blackwell, 3rd ed., 1984.
- Hadley, G., *Linear Algebra*, Addison-Wesley, 1961.
- Hands, D. Wade, *Introductory Mathematical Economics*, Oxford University Press, 2nd ed., 2004..
- Hess, Peter, *Using Mathematics in Economic Analysis*, Prentice Hall, 2002.
- Hoy, M., Livernois, J., McKenna, C., Rees, R. & T. Stengos, *Mathematics for Economics*, Addison-Wesley, 2nd ed., 2001. .../2

- Klein, Michael, *Mathematical Methods for Economics*, Addison Wesley, 2nd ed. 2002.
- Ostaszewski, A., *Advanced Mathematical Methods*, Cambridge University Press, 1990.
- Rowcroft, John E., *Mathematical Economics: An Integrated Approach*, Prentice Hall, 1994.
- Simon, C. and L. Blume, *Mathematics for Economists*, W.W. Norton and Co., 1994.
- Sydsaeter, K. and P. Hammond, *Mathematics for Economic Analysis*, Prentice-Hall, 1995.
- Toumanoff, P. & F. Nourzad, *A Mathematical Approach to Economic Analysis*, West Publishing Co., 1994.

Course Outline:

This course provides further essential mathematical background for economics, including more advanced optimization, integration, basic methods of dynamic analysis, and economic applications.

Grade Determination and Final Examination Details:

Exam I	Friday, February 26, 2010	25%
Exam II	Wednesday, March 31, 2010	25%
Final Examination		50%

In addition to the exams, several assignments (not to be graded) will be distributed. Students are ***VERY STRONGLY ENCOURAGED*** to complete the assignments as preparation for the exams.

All examinations will be CLOSED BOOK. Calculators will NOT be allowed on any examination.

The final examination will be scheduled by the Registrar in the classroom and will last two hours. It will be a comprehensive examination of all material covered in the course. A numerical grade will be determined for each exam and a final numerical grade will be determined using the above percentage weighting scheme. A course letter grade will be assigned based upon the following conversion chart. A passing grade on any particular exam is not essential to pass the course as a whole.

A+	90 - 100	B	73 - 76	C-	60 - 62
A	83 - 89	B-	70 - 72	D+	57 - 59
A-	80 - 82	C+	67 - 69	D	50 - 56
B+	77 - 79	C	63 - 66	F	0 - 49

Tests and exams will not involve multiple choice questions.

Finally, special attention should be directed toward the sections concerning attendance, tape recording of lectures, and student misconduct, on pages 40-41 and pages 49-53 of the 2009-2010 Calendar.

Students' Union Vice-President Academic:

Meg Martin

Phone: 403-220-3911

E-mail suypaca@ucalgary.ca

Students' Union Faculty Representative (Social Sciences)

Chris Kalantzis

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Society of Undergraduates in Economics (S.U.E.):

www.ucalgary.ca/sue

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.
- Make-up or deferred examinations will not be given. Any student who finds it necessary to miss an exam must notify the instructor in advance and produce a valid medical certificate or other required documentation in order to have the weighting transferred to the final exam. Exam answers submitted late will receive a grade of zero. Also, exams will not be given *before* the above indicated dates.
- E-mail Policy: The Instructor strongly prefers to interact with students in person. If necessary, use e-mail **ONLY** to arrange a time to see the Instructor.
- Although no grades are awarded for assignments, students are strongly encouraged to undertake problem solving as the principal way to learn course material. Numerous solved (and unsolved) problems are available in the required and recommended texts and in the books on reserve. **Procrastination in tackling and solving problems can have serious adverse consequences because the course material is cumulative.**
- **CAUTION**: Lectures and text readings are complements, not substitutes, and students are responsible for material presented in both lectures and readings. **Regular class attendance is VERY STRONGLY ADVISED.**

- 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 403-220-8237. 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 Points: – Social Sciences Food Court

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