Course Syllabus

ECON 1078-005 Math Tools for Economists I

Fall 2008

Instructor: Watcharapong Ratisukpimol

Class Meetings: TR 12:30 -1:45 PM

Class Location: BESC 185 (Benson Earth Sciences)

Office: ECON 401 (3rd floor of ECON building)

Office Phone: (303)-492-7116

Office Hours: Tuesday and Thursday 10:30 - 11:30 AM or by appointment

Webpage:
https://webfiles.colorado.edu/ratisukp/
     The webpage is the most important resource for this class. All notes, quizzes, exams and answer keys are going to be posted on this site. It is your responsibility to check any updated information from the class webpage.

http://www.colorado.edu/economics/courses/ECON1078/1078home.html
     This is a joint webpage of ECON 1078 instructors. It is provided as a supplement to the course materials for ECON 1078. We, all ECON 1078 instructors, maintain the page to provide questions, quizzes, and handouts so that students can access to the materials of other instructors.) Moreover, you can find homework and exams from previous semesters here.

E-mail: ratisukp@colorado.edu (preferred method of contact and please include "ECON 1078" in subject of the e-mail.)

Class Time: August 26th – December 11th, 2008

Course Description:
     This course provides an introduction to fundamental mathematics, which are essential to analyze economic problems. It is the first course in a two-course sequence. The goal of this class is to provide students with the mathematical tools for future courses in economics. We will start with a review of some basic algeb

Knut Sydsaeter and Peter Hammond (This textbook is a good reference book for mathematics and also will be used for ECON 1088.)

Calculator:

As this course is designed to teach mathematical techniques, you will need a calculator that can perform basic mathematical functions. These include exponentials, logarithms, radicals and factorials (log, ln, ^{x},

Tentative Course Schedule and course outline:

This schedule is subject to change if necessary. Any scheduling will be announced in class and posted on the class webpage.

Week of	Course Material	Topics	Quiz/Exam
8/26	1.1, 1.2, 1.3, 1.4	Algebra Basics	
9/2	1.5,1.6,	Fractions and Inequalities	Quiz 1
9/9	1.7, 2.1, 2.2,	Simple Equations	
9/16	2,3, 2.4, 2.5	Radicals, Equations in One Variable	Quiz 2
9/23	Midterm 1	Midterm Review	Midterm 1 (9/25)
9/30	3.1, 3.2, 3.4, 3.5,	Summation, Logic	
10/7	Radicals, Equations in One Variable	Set Theory, Induction, Function of One Variable	Quiz 3

on your laptop, working on homework or reading for other classes, talking to classmates, listening to headphones, text messaging, playing with your pets, etc.

Expectations of Classroom Behavior:

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to behavioral standards may be subject to discipline. Faculties have the professional responsibility to treat students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which students express opinions.
See polices at http://www.colorado.edu/policies/classbehavior.html and at
http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Honor Code:

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at
http://www.colorado.edu/policies/honor.html and at
http://www.colorado.edu/academics/honorcode/

Religious Observance Policy:

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Please notify me as soon as possible so that the proper arrangements can be made. Students can see full details at
http://www.colorado.edu/policies/fac_relig.html

Disabilities Statement:

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322, and
http://www.Colorado.EDU/disabilityservices. Time extensions for exams must be approved prior to the exam. If you have not talked to me personally prior to the exam you will not be granted an extension. Disability Services' letters for students with disabilities indicate legally mandated reasonable accommodations. Other letters/requests you may receive from agencies such as the Wardenburg Health Center, or other health providers (physicians or counselors) are not necessarily legal mandates. The syllabus statements and answers to Frequently Asked Questions can be found at http://www.colorado.edu/disabilityservices

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