Syllabus for Math Tools for Economists II (Econ 1088)

Instructor:

Mariya Burdina

Class Meeting Times:

MWF 12:00 PM - 12:50 PM, BESC 185

Final Exam

Monday, May 4th 4.30 – 7pm, BESC 185

Office Location:

Econ 401 (3rd Floor of the Economics Building)

Email:

burdina@colorado.edu

This is the best way to contact me, if you won't get a reply within 24 hours please assume that I didn't get your email and resend it. Please, note, that due to the university rules I cannot send you your grades via email; you have to inquire your grade in person. Also, please do not email me with questions the answers for which can be found in the syllabus.

Class Website:

https://webfiles.colorado.edu/burdina/index.html
This is instructor's web page. Relevant material to the course will be posted here. Specifically, recommended homework problems.
http://www.colorado.edu/economics/courses/ECON1088/1088home.html
This is the web page developed by all Econ 1078 instructors. You can find homework and exam problems from previous semesters there.

Office Hours:

Monday 1pm- 2 pm
Wednesday 11am – 12 pm

Office hours are held for your benefit. You are highly encouraged to come to my office hours with prepared questions. As it is seen from my experience students who come to the office hours usually do better in course.

Course Description:

This class is a continuation of ECON 1078. The goal of Econ 1088 is to help students to acquire the mathematical tools they will need in advanced economic courses (e.g. Intermediate Microeconomics and Macroeconomics). This course teaches you what a derivative is, how to take derivative and why it is important for economics.

You are encouraged to participate actively and ask questions in class. This will help you understand the course material better. Attending class will not guarantee passing the course. You are expected to spend at least 4 hours per week after class reviewing lecture notes, reading the textbook and doing homework.

Textbook:

Essential Mathematics for Economic Analysis, 2nd edition, by Knut Sydsater, and Peter Hammond is required.
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Calculator Note:

As this is a course designed to teach mathematical techniques you will need a calculator that can do basic mathematical functions. These include exponentials, logarithms, radicals, and factorials (log, ln, e^x, $\sqrt[n]{}$ and x!). Any basic scientific calculator will perform these functions. While a graphing calculator

may be useful in doing some of the homework problems, **you cannot use a graphing calculator on the exam**.

Grading:

(1) Quizzes and Homework 25%
(2) Midterm 1 25%
(3) Midterm 2 25%
(4) Midterm 3 25%
(5) Final Exam 25%
The lowest score of (1)-(4) will be dropped to make the total 100%. Note that you cannot drop the final exam.

Your letter grade will be determined by the following scales.

100-93%	A	73-76%	C
90-92%	A-	70-72%	C-
87-89%	B+	67-69%	D+
83-86%	B	63-66%	D
80-82%	B-	60-62%	D-
77-79%	C+	below 60%	F

Students doing exceptionally well (with 93% or higher score on three Midterms and homework & quizzes) may be exempt from final and receive an A in class.

Exams:

Exams will be given on the dates specified below. Each counts 25% towards to your final grade.

Midterm 1   Wednesday   February 11 th, 2009 Midt   Wedn1s09

student authorizes release of information to the instructor. Further, barring extraordinary circumstances, the confirmation must be available to the instructor prior to the missed course event.

2) With regard to family emergencies, you must provide verifiable documentation of the emergency. Given the vast array of family emergencies the instructor will provide precise guidance as to what constitutes adequate documentation. Unless the emergency is critical you should notify the instructor in advance of your absence from the scheduled course event. In cases of critical emergencies, you must notify the instructor within one week of your absence.

3) For University-approved curricular and extra-curricular activities, verifiable documentation is also required. The student should obtain from the unit or department sponsoring the activity a letter (or class absence form) indicating the anticipated absence(s). The letter must be presented to the instructor at least one week prior to the first absence.

Honor Code:

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of