

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.

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 , $\sqrt[n]{x}$ 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
Midterm 2	Wednesday	March 11 th , 2009
Midterm 3	Wednesday	April 8 th , 2009
Final Exam	Monday (4:30pm-7:00pm)	May 4 th , 2009

Additional notes

Exam and quiz scores

Any concern or question about grading of a quiz or an exam should be raised within a week after you get back the quiz or the exam.

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NO make-ups will be given.

In general, no make-up exams or quizzes will be given. However, one may encounter unexpected events. To be eligible to make up an exam or a quiz you need to present relevant documents. Please see below for details.

Policy regarding emergencies and special events

- 1) In the case of your own illness or injury, confirmation from a physician, physician's assistant, a nurse-practitioner, or a nurse is required. Be advised that Wardenburg Health Center cannot provide such verification unless they have provided treatment and the

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 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/>

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. Faculty 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 policies at

<http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Absences:

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_religh.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 by me 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 Student Health Center, or other health providers, such as physicians or counselors, are recommendations you may choose to follow to assist students but are not necessarily legal mandates. The syllabus statements and answers to Frequently Asked Questions can be found at <http://www.colorado.edu/disabilityservices>