

Math Tools for Economists 2

ECON 1088 Section 2

Spring 2014

Instructor: Priti Kalsi

Textbook: Essential Mathematics for Economic Analysis, Fourth Edition
Knut Sydsæter, Peter Hammond, Arne Strøm

Office: ECON 313

Office Hours: MW 2:00-3:00pm

Email: kalsi@colorado.edu

Class Time: MWF 1:00-1:50pm

Class Room: HUMN 135

Desire2Learn: The desire2learn page will have grades throughout the semester

TEXTBOOK:

Lectures will follow the textbook chapters. Homework assignments will also come from the textbook. The third edition of the book is similar, but I will assign homework from the most recent edition and it will be your responsibility to make sure you are doing the assigned homework.

COURSE DESCRIPTION:

This class is the second of a two-course sequence, and a continuation of ECON 1078. We will study derivatives, optimization, and integrals. These are **Chapters 6, 7, 8, 9 and 11** in the textbook. These tools will help you better understand the mathematical framework on which economic models are based and help prepare you for more advanced economics courses.

PREREQUISITES:

ECON 1078 or its equivalent

CLASS ATTENDANCE:

You are responsible for all material covered in class lectures. Attendance at all lectures is strongly recommended. Missed quizzes and exams **cannot** be made-up for any reason.

LAPTOPS/TABLETS:

There is to be no laptop, tablet, or phone use for this class at any time, for any reason. The only exception to this rule is if disability services mandate that you must be allowed to use a laptop for note taking purposes. In this case, an official letter from disability services is required.

HOMEWORKS:

Homework Assignments will be assigned regularly throughout the semester. These assignments will not be graded, but quiz questions will be very similar to those on the homework.

QUIZZES:

Quizzes will be given through the semester. Some will be announced ahead of time, some will not. I will drop your lowest quiz grade.

EXAMS:

Three exams are scheduled on the days listed below, during regular class time. **Therefore, no early exams, no late exams, and no make-up exams will be given.** Any material covered in lectures or in homework will be fair game for the exams.

You are responsible for bringing pencils, your student ID, and a calculator. Graphing calculators and cell phones are not allowed under any circumstances.

FINAL EXAM:

If you have 3 or more finals scheduled on the same day, you may reschedule all exams after the first 2. **You must notify me by February 20th in order to reschedule the final exam.**

EXAM DATES and TIMES:

Midterm 1: Friday Feb. 14th

Midterm 2: Friday March 14th

Midterm 3: Friday April 18th

Final Exam: Tuesday May 6th, 1:30-4:00pm

GRADING:

Your grade for this course will be based on three midterms, quizzes, and a final exam. **There will be no extra-credit available.** I cannot email you about your grades due to university and federal privacy laws; you must come into office hours to discuss them. I will not email you back if you email me questions about your grade.

Grading weight:

Quizzes: 15%

Midterm 1: 20%

Midterm 2: 20%

Midterm 3: 20%

Final Exam: 25%

Total course 100%

Grading scale:

Your score	Grade	Your score	Grade
95%-100%	A	73%-76%	C
90%-94%	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+	<60%	F

ADDITIONAL NOTES

Students with Disabilities

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 be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200, and <http://www.Colorado.EDU/disabilityservices>

If you have a temporary medical condition or injury, see guidelines at <http://disabilityservices.colorado.edu/quick-links/temporary-injuries>

Disability Services' letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at <http://www.colorado.edu/disabilityservices>

Religious Observance Policy

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, **you must notify me within the first 3 weeks of class if you will need to miss a midterm or final exam.** See full details at http://www.colorado.edu/policies/fac_relig.html

Classroom Behavior Policy

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity, and gender expression, age, disability, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at

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

Discrimination and Harassment Policy

The University of Colorado at Boulder Discrimination and Harassment Policy and Procedures, the University of Colorado Sexual Harassment Policy and Procedures, and the University of Colorado Conflict of Interest in Cases of Amorous Relationships Policy apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127, or the Office of Student Conduct (OSC) at 303-492-5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

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; 303-735-2273). 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://honorcode.colorado.edu/>