ECON 1078 Math Tools for Economists

MWF 2:00-2:50
Room: ECON 117

Instructor: Nicole Mundt

E-mail: nicole.mundt@colorado.edu

Office: ECON 309C

Office Hours: Tuesday 3:00-4:00, Wednesday 11:00-12:00 and by appointment

Please allow me 24 hours to respond to all emails. If you need help with course material, please see me during my office hours. If you need more help than can be provided in office hours, consider visiting the department's undergraduate tutor of viewing the department's private tutor list: http://www.colorado.edu/econ/undergraduate/tutor_list.pdf

Course Description: In order to succeed in economics, a student must be well versed in a variety of mathematical concepts. The purpose of the two Math Tools courses (1078 and its counterpart 1088) is to prepare students for the math they will encounter in future economics coursework.

Required Materials

- Textbook: *Essential Mathematics for Economic Analysis.* Knut Sydsaster and Peter Hammond with Arne Strom. 4th Edition.

- Clicker

Grading

20% Exam 1

20% Exam 2

30% Final Exam

20% Homework

10% Participation (Clicker Questions)

Exams: Exams can be completed without the use of a calculator. You may use a non-graphing calculator which can assist in addition, subtraction, multiplication or division. I will not give makeup exams, except in extraordinary situations. If you miss an exam for any reason, your final will count as 50% of your overall grade. Note that the exams may not be intentionally comprehensive, but this material is inherently comprehensive therefore the exams may include material from previous sections. The final exam however, will be cumulative.

Homework: I will be assigning weekly homework. I do this because mathematics is not a spectator sport. The only way to succeed when it comes to learning mathematics is **practice, practice, practice**. The weekly homework will be assigned on Monday and due the following Wednesday in class. I will drop the lowest homework grade. I do not accept late homework. If you miss class the day the homework is due, you must send me an email containing a picture of your completed homework, and then I will accept the hard copy the next class you attend.

Note: your cumulative homework grade is the same portion of your grade as one exam. Please take advantage of this and take the homework seriously! You are welcome to work with classmates and see me in office hours if you are having trouble completing the assignments.

Participation: This portion of your grade will come entirely from the clicker questions. This part of your grade is based off **completion**. This means whether or not you answer the clicker question correctly is irrelevant. As long as you are in class that day, answering the questions, you will get credit. I will drop the 3 lowest to account for absences. If you forget your clicker, you cannot receive credit for that day. It is your responsibility to bring the clicker to each class.

Tentative Course Outline

Week	Content
Week 1, Jan 15	1.1, 1.2
Week 2, Jan 22	1.3, 1.4, 1.5
Week 3, Jan 28	1.6, 1.7, 2.1
Week 4, Feb 5	2.2, 2.3
Week 5, Feb 12	2.4, 2.5, 4.1
Week 6, Feb 19	4.2, Review, **Exam 1**
Week 7, Feb 26	4.3, 4.4, 4.5
Week 8, March 5	4.6, 4.7, 4.8
Week 9, March 12	4.9, 4.10, 5.1
Week 10, March 19	5.2, 5.3, 5.4
Week 11, March 26	**Spring Break**
Week 12, April 2	5.5, 5.6, 3.1
Week 13, April 9	3.2, Review, **Exam 2**
Week 14, April 16	3.3, 3.4, 3.5
Week 15, April 23	3.6, 2.7, 15.1
Week 16, April 30	15.2, Final Review

Final Exam: Wednesday, May 9th from 1:30 p.m. - 4:00 p.m.

∗∗ Final will be administered in the same classroom, ECON 117

University Policies

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 can be addressed. Disability services determine accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200.

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. If you have a conflict, please contact me at the beginning of the term so we can make proper arrangements.

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/

Discrimination & Harassment Policy: The University of Colorado Policy on Sexual Harassment applies to all students, staff and faculty. Sexual harassment is unwelcome sexual attention. It can involve intimidation, threats, coercion, or promises or create an environment that is hostile or offensive. Harassment may occur between members of the same or opposite gender and between any combinations of members in the campus community: students, faculty, staff, and administrators. Harassment can occur anywhere on campus, including the classroom, the workplace, or a residence hall. Any student, staff or faculty member who believes s/he has been sexually harassed should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH and the campus resources available to assist individuals who believe they have been sexually harassed can be obtained at: http://www.colorado.edu/odh/