

University of Colorado at Boulder  
Math Tools for Economists 1  
ECON 1078-003  
Spring 2014

Instructor: Eric Penner  
Class Meetings: MWF 3:00 – 3:50 PM, HUMN 135  
Office: ECON 414  
Office Hours: Tuesday and Thursday 2:30 pm - 4:00 pm  
Email: [Eric.Penner@colorado.edu](mailto:Eric.Penner@colorado.edu)  
Course Website: Desire2Learn

**Purpose:**

The purpose of this course (and the following course) is to equip you with the necessary mathematical knowledge to be successful in the Economics courses given at the University of Colorado at Boulder.

**Textbook:**

The textbook for this class is Essential Mathematics for Economic Analysis, 4<sup>th</sup> edition is required, it is a very good reference book. It is also the textbook for the next class in this series ECON 1088.

**Grading:**

Your total grade in this course will be determined by the following breakdown.

- Quizzes (20% of Grade): Approximately 4 quizzes given throughout the semester. These quizzes will be announced before hand, and will be based on the material that is assigned in the ungraded homework's. There will be no make up quizzes. You may drop your lowest quiz score.
- Clicker Questions (10% of Grade): Through out the semester we will have clicker questions. You will be able to drop your 3 lowest clicker scores.
- 2 Midterms (50% of Grade): We will have 2 midterms throughout the semester each worth 20% of your grade. See test schedule for details.
- Final (30% of Grade): The final will be cumulative.

**Homeworks:**

For each chapter and section I will suggest a list of problems from the book that will be good practice for both the quizzes and the tests. Homework is not graded but math is best learned by repetition and working through as many problems as you can to feel comfortable with a subject. Being disciplined and working on the homework problems in a timely fashion will definitely improve your quiz and test scores.

**Clicker Questions:** Clicker questions will help to reinforce your understanding of the material presented in class. Grading for each question will be by the following break down.

**Clicker Question Scoring:**

No Answer: 0 points  
Incorrect answer: 2 points  
Correct Answer: 3 points

**Test Schedule:**

Midterm 1: Wednesday, February 19<sup>th</sup> (in class)  
Midterm 2: Wednesday, April 9<sup>th</sup> (in class)  
Final: 7:30am – 10:00am Monday, May 5<sup>th</sup> (in class)

**Communication:**

Outside of class I will communicate with you via email but primarily through the “News” section in D2L so check it early and often.

**Test Policy:**

There will be no makeup exams. If you miss a midterm the percentage of your final grade that the missed exam represents will be added to the final exam. For example if you miss the first midterm the final will count as 50% of your grade rather than 30%. There is no make up policy for the final. If you miss the final you get a zero, no exceptions. However if you have three or more final exams scheduled on the same day, you are entitled to arrange an alternate exam time for the last exam or exams scheduled on that day. To qualify for rescheduling, you must provide proof that you have three or more exams on that day. Arrangements must be made with me no later than the end of the 6<sup>th</sup> week of the semester.

**Laptop Policy:**

Although I may be using technology to present the class to you, the best way to take notes in math class is good old paper and pencil. In accordance with this **Open laptops will not be allowed in class at any time**. It is my experience that the temptations of the Internet are too great for the average student to resist and such activities are highly distracting to other students around you. I will enforce this strictly.

**Other Notes:****Student 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.

**Classroom Behavior Policy**

Students and faculty each have responsibility for maintaining an appropriate learning

environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty has the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions.

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, 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\\_cod](http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_cod)

### **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](mailto: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/>