

Option I:

Attendance:	10%
Midterm I:	30%
Midterm II:	30%
Final:	30%

Option II:

Attendance:	0%
Midterm I:	30%
Midterm II:	30%
Final:	40%

Quizzes: There are no quizzes in this course. I feel that quizzes are usually used to keep you on track and force you to stay on top of things—but the tradeoff is extra, unnecessary anxiety, which I'd rather not put you through. You are adults, and I expect you to take control of your own learning process and keep yourselves on track—if not, you know exams will be painful!

Examinations: There will be three exams total in this course—two midterms and a final. The problems will be very similar in form to the problems you do in the problem sets. There are absolutely no makeups for exams. In the case of the midterms, you will receive a ZERO for any midterm you miss, unless you bring documentation of a genuine and compelling emergency/serious illness. If you miss one midterm and bring the appropriate documentation, the percentage for the final will increase to bring the total to 100%. (This makes the final VERY important, so think twice before you let this happen!). There will be absolutely no makeups for the final exam (except under extraordinary circumstances documented with appropriate paperwork, as for midterms), so make sure to let me know at least a month before hand if there is a conflict (ie—3 or more exams on one day). Though the exams are all weighted equally the final is **cumulative**. To reiterate—if you miss the final, you get a ZERO for your final exam grade, which will make it virtually impossible to pass the class—you will almost certainly fail the course—so do not miss the final!

Networking: Believe it or not, one of the most important skills is getting to know other students well enough that you have them as a resource. I expect everyone in class to get phone numbers or email addresses for other students and to make connections with other students, as they are invaluable to you in terms of studying together, getting notes you may have missed, etc.

Attitude: I come to the university each day ready to teach and eager for you to learn. I am passionate about teaching math and helping people to overcome math anxiety—which is a problem for many people. I know for a fact that everyone can learn math, and I'm here to help you. Accordingly, I expect you to all come to class with good attitudes. There is absolutely no place in my classroom for bad attitudes or behavior. You are all adults, and I expect you to act the part. I am on your side, but I have very high expectations for you—and expect you to have high expectations for yourself. These math basics are essential building blocks for succeeding in further math courses and the field of economics. You are all intelligent people—how much you get out of this course will depend on how much effort you put into it. Most things worth learning at this point in your life are not easy to learn—this class will not be “easy,” but I will strive to make it accessible to everyone.

Textbook: The required text for this course is Essential Mathematics for Economic Analysis 3rd ed. by Knut Sydsaeter & Peter Hammond. The book is available at the CU Bookstore, but can also often be found used, online since it is not a brand-new edition. This book is one you'll want to keep as a reference for future math courses, and if you continue on to Mathematical Tools for Economists II, that course uses the same book, picking up where we left off.

Course Materials: At all times, the relevant course materials, including syllabus, problem sets, practice exams, etc. can be found on our class website listed on the first page of this syllabus. The website will direct you to my main website, from which you will click on the appropriate course number on the right hand side of the screen, which will take you to our course website.

Office Hours: My office hours and office location are listed on the front page of this syllabus. If these hours conflict with a course you have, send me your class schedule, and we can schedule time to meet outside these times. Let me be clear—ONLY if you submit to me your class schedule (you can take a screenshot and send it to me or print it off) will I make meetings outside regular office hours. It is not sufficient to say its not a “convenient” time for you!

Make use of my office hours to get help—and not just before exams. I am your best resource, so make use of my office hours to get the help you need.

Additional Notes:

Disability Policy:

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.

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 semester so we can make 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).

Code of 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 or 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.

Discrimination and Harassment Policy:

The University of Colorado at Boulder policy on Discrimination and Harassment can be found at <http://www.colorado.edu/policies/discrimination.html>. The university policy on Sexual Harassment and on Amorous Relationships applies to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status 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 regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

Tentative Course Schedule			
Week of	Course Material	Topics	Assignments/Exams
Jan 17 (tues)	Integers, Real Numbers, Algebra basics	Ch. 1.1, 1.2, 1.3	Working Prob. Set 1
Jan 23	Fractions & Fractional Powers	Ch. 1.4, 1.5	Working Prob. Set 1
Jan 30	Inequalities, Intervals & Absolute Values	Ch. 1.6, 1.7, review	Prob. Set 1 Due Friday
Feb 6	Solving Equations & Equations with Parameters	Ch. 2.1, 2.2	Working Prob. Set 2
Feb 13	Quadratic & Non-linear Equations	Ch. 2.3, 2.4, 2.5 & Review	Prob. Set 2 Due Fri
Feb 20	Basic Graphing Functions & Linear Functions	Ch.4.1, 4.2 4.3 & 4.4	Working Prob. Set 3
Feb 27	Soving Linear Systems and Graphing Linear Equations	Ch. 4.5	Working Prob. Set 3
Mar 5	Quadratics, Polynomials & Graphing them	Ch 4.6, 4.7	Working Prob. Set 3
Mar 12	Power Functions, Exponential & Log Functions, and Graphing them	Ch. 4.8, 4.9 & 4.10	Prob. Set 3 due Friday
Mar 19	Review for Exam I, Exam I	Exam I Wednesday	No Class Friday
Mar 26	Spring Break	No Assignments	No Classes
Apr 2	Shifting and Manipulating Graphs	Ch. 5.1, 5.2, 5.3	Working Prob. Set 4
Apr 9	Graphing Equations, Circles and Finding Plane Distances	Ch. 5.4, 5.5, 3.1 start	Prob. Set 4 due Friday
Apr 16	Summation Notation, Compound Interest & Word Problems	Ch. 3.1, 3.3, mixed	working PS 5
Apr 23	Mon, Tues review for Exam II	review, Exam II Friday	PS 5 due Friday, Exam II Friday
Apr 30	review for final all week	review for final all week	review for final all week
May 5	Finals Week	_____	_____