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- 5. Exponential and logarithmic functions used extensively in intermediate economics courses (e.g. when presenting positive, monotonic transformations).
- 6. Important function properties and techniques: Includes products and quotients, shifting functions, and composite functions.

## Students can expect me to:

- o be prepared for the day's work and do my best to assist them in their course work.
- o treat them equally, be professional and respectful at all times.
- o available in my office hours, ask thoughtful questions and give my full attention. A

## Students are expected to:

- o regularly attend class, arrive and leave on time, and silence their phones.
- o complete all assignments and turn in work on time.
- o be respectful to others and cooperate with their cohorts.
- o ask questions and take co-responsibility for creating a meaningful class.

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Essential Mathematics for Economic Analysis, 4th, by Kurt Sydsaeter, Peter Hammond, and Arne Strom. You will also use this book for Econ 1088, so I suggest buying one rather than renting it. Previous editions of the text are also acceptable to use, however the page numbers might be different.

Cell phone calculators will NOT be allowed during exams!!!

I want you to understand what you are doing and calculators are a major impediment to understanding, so y choose to have one, please be sure to obtain a calculator without graphing to use in exams.

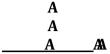
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Attendance is required for this course, and you will not do well in this course unless you attend every class. I will be taking attendance six times throughout the semester. You are

deduct 3% from your final grade in the course. For example, if you are absent five of the six times, your maximum possible grade is a 94%. Individuals that are present all six times get a 3% bonus on their final grade in the course. A

I do not distribute my lecture notes. I will ask you do small practice problems along with lectures during class, so it is a good idea to bring a A A A A to work with me in class. If you must miss lecture for any reason, please be sure to obtain the notes from a classmate. I

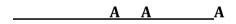
encourage you to come to my office hours to discuss any of the material from lecture, but please be sure to bring notes or obtain a copy from a classmate. Review the notes, and bring them with your specific questions to my office.



Office house are established to help you succeed. You should use them as a resource to get extra help on lecture material, problem sets, express concerns or difficulties in your study, and to explore ideas you are interested in. Coming to office house is a good indication that you care about your study enough to take extra steps.

As a way to better to know you, I ask each of you to individually meet me in my office during the first three weeks. I will bring a sign-up sheet during the first week so you can arrange a tenminutes meeting with me.

I encourage you to email me with any questions and concerns. Please be polite and considerate in all email communications. I will do my best to respond within 24 hours. This response may come in the form of an email directly back to you or, if the answer would be beneficial to the entire class, a mass email communication to the class or an announcement during the lecture.



Evaluations will take the following forms: take-home problem sets, two midterm exams and final exams.

Take-home Problem Sets	40%
Midterm Exam 1	15%
Midterm Exam 2	15%
Final Exam	30%

All exams have two parts. For part one, you will have opportunity to work with a partner in the class. You do not have to inform me of your partner in advance, but you need find a partner before 51 2(.69 Tm 0.061 2,.101 60.624 175.5 se)-2(ts)]T&TBT1T.9 Tm ]T&TBTartner in the

<u>Take-home</u> <u>Problem Sets:</u> I will create eight take-

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If you are a student athlete, and your game schedules conflicts with exam schedule, please inform me in a written note before A A A , so I can arrange your exam proctored by an athletic administrator.

## ADDITIONAL INFORMATION

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://www.colorado.edu/disabilityservices/go.cgi?select=temporary.html.

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.

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.

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject r624 30d Tmie89 0 1

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 honorcode.colorado.edu or http://www.colorado.edu/policies/honor.html.

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Date	Course Material	Topics	Assignments
1/12-1/16	1.1, 1.2, 1.3	Numbers, Powers, Rules of Alg.	
1/19-1/23	Holiday, 1.4, 1.5	Fractions, Fractional Powers	
1/26-1/30	1.6, 1.7, 2.1	Inequalities, Intervals & Abs.	PS1 due Mon 1/26
		Value, Simple Equations	
2/2-2/6	2.2, 2.3, 2.4	Equations	PS2 due Mon 2/2
2/9-2/13	2.5, Review, Exam1	Nonlinear Equations	PS3due Mon 2/9
		A A A A	
2/16-2/20	4.1, 4.2, 4.3	Functions, Graphing	
2/23-2/27	4.4, 4.5, 4.6	Linear Functions, Quadratic	PS4 due Mon 2/23
		Functions	
3/2-3/6	4.7, 4.8, 4.9	Polynomials, Power &	
		Exponential Functions	