

Calculator:

As this course is designed to teach mathematical techniques, you will need a calculator that can perform basic mathematical functions. These include exponentials, logarithms, radicals and factorials (\log , \ln , e^x , $\sqrt[n]{x}$ and $x!$). Any basic scientific calculator will perform these functions. While a graphing calculator may be useful in doing some of the homework problems, you cannot use a graphing calculator on the exam.

Grading:

Grades will be determined on the basis of your performance on 11 quizzes, 2 midterms, and a cumulative final exam. Quizzes will be given on Wednesday. It can be either 15-20-minutes in class group/in

Tentative Course Schedule and course outline:

This schedule is subject to change if necessary. Any scheduling will be announced in class and posted on the class webpage.

Week of	Course Material	Topics	Wednesday Quiz/Exam
1/15	1.1, 1.2, 1.3	Pretest and Algebra Basics	Pretest
1/22	1.4, 1.5, 1.6,	Fractions and Inequalities	Quiz 1
1/29	1.7, 2.1, 2.2,	Simple Equations	Quiz 2
2/5	2.3, 2.4, 2.5	Radicals, Equations in One Variable	Quiz 3
2/12	Midterm 1, 3.1, 3.4	Logic and Mathematical Proofs	Midterm 1 (2/14)
2/19	3.5, 3.6, 3.7		

- Lastly, if you are having problems in lessons, I am more than willing to help you. You just need to approach me either after the lecture's class time or during my office hours.

University Policies:

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/>

Expectations of Classroom Behavior:

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to behavioral standards may be subject to discipline. Faculty have the professional responsibility to treat students with understanding, dignity and respect, to guide classroom discussion and to set