

Calculator Note:

During the exam, you are allowed to use a calculator that can do basic mathematical functions. These include exponentials, logarithms, radicals, and factorials (log, ln, e^x , n and $x!$). Any basic scientific calculator will perform these functions. You CANNOT use a graphing calculator on the exam.

Grading:

(10%) In-class assignments

(20%) Midterm1

(20%) Midterm2

(20%) Midterm3

(30%) Final (Cumulative)

100-90% A

Tentative Course Schedule:

Date	Course Material	Topics
7/10 (T)	1.1, 1.2 PS1 Posted	Real Numbers, Integer Powers
7/11	1.3, 1.4,	Rules of Algebra, Fractions
7/12	1.5, 1.6	Fractional Powers, Inequalities
7/13	1.7	Intervals and Absolute Values
7/16 (M)	2.1, 2.2 PS2 Posted	Simple Equations
7/17	2.2, 2.3	Simple Equations with Parameters
7/18	2.3, 2.4	Quadratic Equations
7/19	2.4, 2.5	Nonlinear Equations
7/20	Midterm1	
7/23 (M)	3.1, 3.4 PS3 Posted	Summation Notation, Simple Logic
7/24	3.5, 3.6	Mathematical Proofs, Set Theory
7/25	3.6, 3.7	Mathematical Induction
7/26	3.7	Mathematical Induction
7/27	Midterm2	
7/30 (M)	4.1, 4.2, 4.3 PS4 Posted	Functions of One Variable, Graphs of Functions
7/31	11.1, 4.4, 4.5	Functions of Two Variables, Linear Functions, Linear Models
8/01	4.6, 4.7, 4.8	Quadratic Functions, Polynomials

Honor Code:

All students of the University of Colorado at Boulder are responsible for knowing and