MATH 111: College Algebra
Textbook: College Algebra Through Functions and Models, Herriott
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Office hours: MTWRF 1:00-1:50

From the Catalog: Algebra for business, life and social science students. Inequalities, functions, graphs of linear, polynomial and rational functions, exponential and logarithmic functions, mathematics of finance, systems of linear equations and matrices, linear programming and introduction to probability. This course will not count toward a major or minor in mathematics.

Prerequisites: Two years of high school algebra equivalent/satisfactory score on ACT or Placement Exam **or** MA092 with a grade of C or better. High school plane geometry also recommended.

Course Objectives:

The students taking this course will learn how to graph, discover and solve linear and quadratic equations and inequalities. They will develop some skills to handle polynomial and rational functions as well as exponentials and logarithmic functions and equations. Matrices and their use in solving systems of linear equations should also become available tools.

SYLLABUS FOR FALL 2005: MWF 8:00 - 8:50

Week	Date	Monday	Wednesday	Friday
1	8/29	2.1	2.2	2.3
2	9/5	BREAK	2.4	3.1
3	9/12	3.2	3.3	3.4
4	9/19	3.4	Review	TEST 1
5	9/25	4.1	4.2	4.3
6	10/3	4.4	4.4	Review
7	10/10	TEST 2	7.1	7.3
8	10/17	7.4	$A.3.6$	$A.3.6$
9	10.24	$A.3.7$	$A.3.7$	Review
10	10/31	Review	TEST 3	5.1
11	11/7	5.2	5.3	5.4
12	11/14	5.5	$A.4.3$	$A.4.3$
13	11/21	6.1	BREAK	BREAK
14	11/28	$A.4.4$	Review	TEST 4
15	12/5	Review	Review	Review

Final Exam: Week of December 12-16. Please Check!