MATH 111: College Algebra
Textbook: Mathematics with Applications, Custom Version, Lial, Hungerford, Miller
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Office hours: MTWRF 4:00 - 4:50

    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 solve linear and quadratic equations and inequalities. They will develop some skills to handle exponentials and logarithmic functions and equations. They will also acquire some knowledge about simple applications of exponentials and logarithms in the mathematics of finance. Matrices and their use in solving systems of linear equations should also become available tools. Finally, they will be able to understand simple combinatorial notions such as permutations and combinations and use them to calculate probabilities of events in discrete sample spaces.

SYLLABUS FOR FALL 2002: MWF 1:00 - 1:50

Week	Monday	Wednesday	Friday
1	2.1	2.2	2.3
2	2.4	2.5	2.6
3	3.1	3.2	3.3
4	Review	TEST 1	4.1
5	4.2	4.3	4.4
6	5.1	5.2	5.3
7	5.4	TEST 2	6.1
8	No Class	No Class	No Class
9	6.2	6.3	Review
10	7.1	7.2	7.3
11	7.4	TEST 3	7.5
12	9.1	9.2	9.3
13	9.4	9.5	9.6
14	10.1	TEST 4	10.2
15	10.3	10.4	10.5

    Final Exam: Tuesday, April 29, 3:00pm-5:00pm