



MATH 102: Intermediate Algebra

Textbook: Intermediate Algebra A Real-World Approach, Bello & Hopf

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Office hours: MTRF 9:00-9:50, F 12:00-12:50

From the Catalog: Algebra for students who had not had second-level high school algebra or who need a refresher course in that level of algebra. Real numbers and operations, solving and graphing first-degree equations and inequalities, solving systems of equations and quadratic equations, algebra of polynomials, radical and rational expressions and equations, exponential and logarithmic functions.

Prerequisites: One year of high school algebra and MA068 or equivalent/satisfactory score on ACT or Placement Exam. Credit in this course does not apply toward graduation.

Course Objectives: The students should become familiar with the system of real numbers and its operations. They should be able to solve linear equations and apply them to a variety of problem types coming from, among others, geometry, investment, motion and mixtures. They should be able to graph the solution sets of linear inequalities and of absolute value inequalities. They must become acquainted with several types of functions and their graphs including linear functions, quadratic functions. They must also study more general polynomials, rational expressions and, also, be able to solve systems of linear equations and apply them to problem solving.

SYLLABUS FOR FALL 2007: MTRF 2:00 - 2:50

Week	Date	Monday	Tuesday	Thursday	Friday
1	9/3	BREAK	BREAK	1.2, 1, 3	1.4
2	9/10	2.1	2.2	2.3	2.4
3	9/17	2.5	2.6	Review	EXAM 1
4	9/24	3.1	3.2	3.3	3.4
5	10/1	3.5	Review	4.1	4.2
6	10/8	4.3	4.4	Review	EXAM 2
7	10/15	5.1	5.2	5.3	5.4
8	10/22	5.5	5.6	5.7	Review
9	10/29	6.1	6.2, 6.3	6.4	6.5
10	11/5	6.6	6.7	Review	EXAM 3
11	11/12	7.1	7.2	7.3	7.4
12	11/19	7.5	Review	BREAK	BREAK
13	11/26	8.1	8.2	8.3	8.4
14	12/3	8.5	Review	Review	EXAM 4
15	12/10	10.1	10.2	10.3	10.4

Final Exam: Week of December 17-21. Please Check!