

Math 035 – Course Outline

Course Description: Math 035 serves two purposes:

1. To assist you and ensure that the homework in a co-requisite Math 123 course is being done in a timely and accurate manner.
2. To review and reinforce the foundational skills of intermediate algebra.

The first hour of each class will be devoted to answering any questions you may have on the homework assignments from your Math 123 course.

The second hour will be devoted to intermediate algebra as outlined in the following syllabus.

Lesson	Description
1	Exponents (integer powers), scientific notation
2	Exponents (rational powers), radical notation
3	Rational expressions
4	Linear and Literal Equations
5	Lines: slope, point-slope, and slope- intercept form
6	Lines: parallel and perpendicular lines, standard form of a line
7	Quadratic expression, the quadratic equation
8	Radical expressions and radical equations
9	Rational expression and equations, applications
10	Linear inequalities (one variable), absolute- value inequalities
11	Graphing quadratic equations
12	Linear inequalities in two variables
13	Complex number: i , addition, subtraction and multiplication, division
14	Review for Math 123 final exam