

Montgomery College
MA 091 Course Outcomes
Approved Spring 2008

#	<i>Outcome: Upon completion of this course/program a student will be able to:</i>
1	solve linear equations and inequalities in one variable with rational coefficients.
2	solve basic literal equations for a specified variable.
3	graph linear equations in two variables on a Cartesian coordinate system.
4	find the slope of a line both graphically and algebraically.
5	find the equation of the line that contains two given points.
6	solve systems of linear equations in two variables.
7	apply the laws of exponents for integer exponents to simplify expressions.
8	add, subtract, and multiply polynomials.
9	factor binomials and trinomials completely.
10	perform basic arithmetic operations on rational expressions with monomial denominators.
11	solve rational equations with monomial denominators.
12	solve quadratic equations using factoring or the quadratic formula.
13	use linear, quadratic, and rational equations, and systems of linear equations in two variables to solve application problems