Students enrolling in MATH 1070 should be familiar with:

- Operations in and properties of real numbers
- Solving linear equations, basic power equations, linear inequalities, and systems of linear equations in two variables
- Graphing linear equations, linear inequalities and systems of linear equations in two variables
- Solving and graphing absolute value equations and inequalities
- Solving and graphing exponential and logarithmic functions
- Word problems involving algebraic equations
- Rational expressions, equations and functions
- Radicals and rational exponents