MATH 100: Fundamental Algebra

Introduction to variable expressions and equations, simplifying expressions, solving linear equations and inequalities, graphing linear equations and inequalities, solving systems of equations graphically and by substitution, exponents, operations on polynomials, factoring polynomial equations, solving quadratic equations, and quadratic functions. In addition, students will learn to address math anxiety, math study skills, and how studying mathematics will benefit future career and academic opportunities. Placement into 100 is determined by an algorithm based on SAT (or equivalent ACT) math scores and high school GPA. This course does not fulfill the mathematics requirement for any major. A student in Mathematics 100 must earn a grade of at least C- in order to take Mathematics 121.
Credits: 3
Program: Mathematics