

Math 137 – Precalculus I: College Algebra and Functions

Student Learning Outcomes

1. Identify properties of functions and their graphs, including symmetry, translations, expansions, contractions, the algebra of functions and composition, and inverse functions.
2. Determine general polynomial behavior, and apply polynomial properties to solve equations and inequalities, both graphically and algebraically.
3. Solve systems of linear and nonlinear equations, and apply these methods to solve application problems.
4. Apply properties of exponential and logarithmic functions to solve application problems.