

## **Math 120 – College Algebra**

### Student Learning Outcomes

1. Solve word problems involving linear, quadratic, exponential, and logarithmic functions.
2. Broaden algebraic computational skills including fractional exponents and the corresponding radical expressions, complex numbers, and linear and nonlinear systems of equations.
3. Identify the specific properties of linear, quadratic, exponential, and rational functions and construct their graphs.
4. Solve equations with exponentials, logarithms, radical expressions, rational expressions, polynomials, and quadratic in form.
5. Identify conic sections and construct graphs from their equations.