

### **MAT 101 Introduction to College Algebra**

Recommended for students who require preparation for MAT 130, for Statistics 242 or for ISP 120 (Interdisciplinary Studies). Number systems, solutions of equations and inequalities, coordinate systems, graphing, polynomial and rational expressions, exponents, and radicals. **Prerequisite:** A passing score on the Basic Algebra Test and recommendation based on the Mathematics Diagnostic Test.

### **MAT 130 College Algebra and Precalculus**

Functions, inverse functions, graphing, linear and quadratic functions, radicals and exponents, exponential and logarithmic functions. **Prerequisite:** MAT 101 or placement by the Mathematics Diagnostic Test.

### **MAT 131 Trigonometry and Precalculus**

Polynomials, rational functions, basic trigonometry, triangle trigonometry, trigonometric identities and equations. **Prerequisite:** MAT 130 or placement by the Mathematics Diagnostic Test.