

MAT 131: Algebra

This course is designed to teach the principles of algebraic methods and the basic skills needed in higher mathematics courses. Specifically, the course covers real and complex number systems, exponents, polynomials, rational expressions, methods of solving linear and quadratic equations and inequalities (including graphical methods), solution techniques for solving application problems, the Cartesian Coordinate System, solution techniques (including graphical methods) for solving problems involving equations of the straight line, circle, parabola, and other functions. This course meets the mathematics requirements for students majoring in Business, Biology, or Chemistry, but it does not count toward a major or minor in mathematics.

Credits: 3

Program: **Mathematics**