

Department	Mathematics	Grade Level	11
Course Title	Algebra 2- Semester 2	Requirement Equivalent	Algebra 2

Course Description ([ISBE Course Description](#))

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents. (Course number: 02056A000)

Units of Study

- Complex Numbers
- Functions
- Multivariate Equations and Inequalities
- Probability and Statistics