

**Course Title: Foundations of Algebra****Grade Level:** 9**Credit:** 1.0 Mathematics (Algebra 1 - Year 1 of 2)**Prerequisite:** None; teacher/counselor placement**ISBE Course Code:** 02053A000 (Algebra I, Part 1)**Course Description:**

Foundations of Algebra is the first year of a two-year Algebra I sequence designed to develop students' conceptual understanding and procedural fluency with foundational algebraic skills. Students will explore linear relationships, expressions, equations, inequalities, proportional reasoning, and introductory functions through multiple representations, including symbolic, graphical, and real-world contexts. Emphasis is placed on mathematical reasoning, problem solving, and skill development.

**Course Title: Algebra and Functions****Grade Level:** 10**Credit:** 1.0 Mathematics (Algebra I – Year 2 of 2)**Prerequisite:** Foundations of Algebra**ISBE Course Code:** 02054A000 (Algebra I, Part 2)**Course Description:**

Algebra and Functions is the second year of a two-year Algebra I sequence that completes and extends Algebra I learning. Students deepen their understanding of linear and nonlinear relationships, functions, systems of equations, and data modeling. The course reinforces Algebra I standards while introducing more complex function behavior and introductory quadratic relationships.