



Concept Guide to Foundational MAT 055 thru MAT 057 Course Series

The following information is provided to help you understand what concepts are covered in the 1-credit, 5-week developmental mathematics course(s). These concepts are foundational for college-level mathematics courses.

MAT055 Algebraic Structures (1 credit) **covers the following:**

- Defining and Working with Variables
- Distribution Property and Combining Like Terms
- Construction and Deconstruction of Equations and Inequalities
- Single-variable solving of Equations and Inequalities

MAT056 Functions I (1 credit) **covers the following:**

- Co-Variation of Two Variables
- Visualizing Continuous and Discrete Data
- Utilizing four different Function Representations
- Graphically Evaluating and Solving Functions using Function Notation

MAT057 Functions II (1 credit) **covers the following:**

- Calculating "Changes in" Two Quantities
- Rate of Change and Constant Rate of Change
- Equations of Linear Functions Algebraically and Graphically Evaluating and Solving Linear Functions

