

## 2024-25 ACADEMIC COURSES

### MTH 176 : COLLEGE ALGEBRA

In this course, students will be provided with the necessary background for Pre-Calculus. Topics include properties and graphs of functions including transformations of parent functions, function composition and inverses, operations with complex numbers, polynomial functions of degree two and higher, polynomial division, roots of polynomials, rational functions, exponential and logarithmic functions and properties, systems of linear and non-linear equations and inequalities, and applications related to the various topics in this course. A graphing calculator is required for this course. Successful completion of this course with a minimum grade of "C" will raise your Academic Math level to 5. Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 4

**Level I Prereq:** Academic Reading and Writing Levels of 6; Academic Math Level 4

Description	Hours
Credits	4
Lecture Hours	60
Clinical Hours	0
Lab Hours	0
Other Hours	0
Total Hours	60

Accurate as of 05/16/2025 Information is subject to change without notice.