

MAT 171 : Precalculus Algebra

This course is designed to develop topics which are fundamental to the study of Calculus. Emphasis is placed on solving equations and inequalities, solving systems of equations and inequalities, and analysis of functions (absolute value, radical, polynomial, rational, exponential, and logarithmic) in multiple representations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to algebra-related problems with and without technology.

Credits 4

Class Hours 3

Lab Hours 2

Clinical Experience Hours 0

State Prerequisites

MAT 003, BPS 4003, or MAT 121

State Corequisite Courses

[MAT 071](#)

Notes

This course has been approved for transfer under the CAA as a general education course in Mathematics.
This course has been approved for transfer under the ICAA as a general education course in Mathematics.
This is a Universal General Education Transfer Component (UGETC) course.