

# MATHEMATICS (MAT)

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## MAT0022 DEVELOPMENTAL MATHEMATICS (4.00 Credits)

Mat0022 prepares students for college-level mathematics and mathematics-based courses. Topics include operations with whole numbers, integers, fractions, decimals, rational, polynomial, and radical expressions, linear equations and inequalities in one variable, factoring, and basic linear graphing with the aid of a calculator. Problem solving involving real-life scenarios is an integral part of this course. This course teaches students to understand and communicate concepts of algebra in the language of mathematics. This course is non-transferable.

Total Contact Hrs: 64.00

Lecture Hrs: 64.00

## MAT1033 INTERMEDIATE ALGEBRA (3.00 Credits)

This is a course designed for students with strong arithmetic skills (without requiring a calculator) and an algebra background. This course will extend students' algebra skills to include solving systems of linear equations in two variables, factoring polynomials, performing operations on rational expressions, solving rational equations, solving quadratic equations with complex solutions and recognizing relationships between radical EXPRESSIONS AND RATIONAL EXPONENTS. PROBLEM solving involving real-life scenarios is an integral part of this course. In this course, students will enhance their problem solving abilities and their ability to communicate concepts of algebra in the language of mathematics both orally and in writing.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00