# MATH-MATHEMATICS (MATH)

**MATH-062N: Beginning Algebra**
Contact Hours: Lecture - 64, Lab - 0, Clinical - 0
Semester Hours: Theory 4
This transitional studies course introduces critical elements of algebra for linear equations and inequalities. Coursework progresses from order of operations and combining like terms through addition and multiplication rules for solving linear equations. Students then apply these rules to inequalities. Graphing in two variables is introduced, as are exponents, polynomials and polynomial operations. The minimum requirement to pass this course is 80 percent, and grades of "C" and "D" are not assigned. The final grade earned in this course is not used in GPA calculations, and credit hours earned are not applicable to credit hours required for graduation.
Prerequisite: Eligibility to enroll in the course is based on placement results

**MATH-105N: Contemporary Mathematics**
Contact Hours: Lecture - 48, Lab - 0, Clinical - 0
Semester Hours: Theory 3
This introductory course focuses on topics such as sets, financial mathematics, probability and statistics with appropriate applications. This course will include topics in Number Theory, Graphs applied in Algebra and Applications of Math in Science and Clinical Courses.
Prerequisite: None

**MATH-225N: Statistical Reasoning for the Health Sciences**
Contact Hours: Lecture - 48, Lab - 0, Clinical - 0
Semester Hours: Theory 3
This course focuses on statistical reasoning used to evaluate data with an emphasis on the healthcare field. Descriptive statistics are used to understand sample data and inferential concepts are incorporated by using data to draw conclusions about populations. Statistical literacy designed to help facilitate understanding and analyzing information in today's technological world is emphasized.
Prerequisite: MATH-105N