
MATHEMATICS

MAT 0012, Developmental Arithmetic with Algebra Developmental Arithmetic with Algebra

3 hrs., 3 crs.,

(Offered fall, spring, and summer). Developmental Arithmetic with Algebra (3.0 credit) is a course designed for students who need to strengthen their mathematical background. The course must be passed with a minimum grade of "C" and is not intended to satisfy general education requirements in mathematics or to count toward required hours for graduation. Calculators are allowed in the course. Topics included operations with integers, fractions, decimals, geometric figures and their measures, pre-algebra topics, including properties of rational numbers, operations of fractional numbers, simplification of polynomials, and equations-solving techniques.

MAT 1033, Intermediate Algebra Intermediate Algebra

3 hrs., 3 crs.,

(Offered fall, spring, and summer). Prerequisite: Successful completion of developmental courses, appropriate placement test scores or meet state exemption requirement. Intermediate Algebra receives college credit, but only elective credit, and cannot be used to satisfy the math requirements for the Associate in Arts degree. Topics included are factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, linear equations and inequalities in two variables and their graphs, systems of linear equations and inequalities, introduction to functions, and applications of the above topics.
