

MATH DEVELOPMENTAL ED (MATV)

MATV 0018 Developmental Mathematics 1

Hours: 3

Prerequisites: Appropriate score on placement exam

A course in the fundamental skills and concepts of arithmetic and algebra for students needing to strengthen their mathematical backgrounds. Topics include: real numbers, percents, ratios, and linear equations with applications. The use of calculators is not permitted in this course.

MATV 0022 Developmental Mathematics Combined

Credit Hours: 5

Prerequisites: Appropriate score on placement exam

This course contains the mathematical competencies of both MATV 0018 and MATV 0028. This course provides an accelerated approach which combines arithmetic and basic algebra concepts needed for success in college level courses. Topics include real numbers, percentages, geometry, scientific notation, ratios, proportions, exponents, solving linear equations, solving linear inequalities, factoring, and solving quadratic equations. The use of calculators is not allowed in this course.

MATV 0028 Developmental Mathematics 2

Hours: 3

Prerequisites: MATV 0018 with a grade of "S" or appropriate placement test score

An approach to mathematics through the elementary development of the rational number system and an introduction to algebraic concepts including the study of quadratic equations, integer exponents and their properties, radicals, rational expressions, factoring, graphing linear functions and interpreting graphs, solving linear equations and inequalities. Upon completion of this course, students are required to take a comprehensive final exam in order to complete the Developmental Education program. The use of calculators is not allowed.

MATV 0057 Modularized Developmental Mathematics

Hours: 3

Designed for all students including those below college level and those who opt out of the developmental sequence. This course covers topics from MATV 0018 and MATV 0028 and uses an adaptive learning program. Students complete an initial assessment, then work on topics/objectives in which they are not already proficient. Provides an accelerated approach combining arithmetic and basic algebra concepts needed for success in college level courses. Topics include real numbers, percents, geometry, scientific rotation, ratios and proportions, integer exponents and their properties, linear equations and inequalities, graphing linear functions, factoring, quadratic equations, rational and radical expressions. Students are required to master all assigned modules in order to complete the Developmental Education Program. No calculators allowed. Course cannot be used toward AA or AS Degree requirement. This course may be taken for maximum credit of 9. Student must earn a final grade of "C" or higher to progress to MAT 1033 or college level math.