

# MATH DEVELOPMENTAL ED (MATV)

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## **MATV 0018 Developmental Mathematics 1**

**Hours:** 3

A course in the fundamental skills and concepts of arithmetic and algebra for students needing to strengthen their mathematical backgrounds. Topics include real numbers, percentages, 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 MATV 0057 with a grade of "S2" or an appropriate placement test score

An introduction to algebraic concepts including the study of integer exponents and their properties, square roots, rational expressions, factoring, graphing linear functions and interpreting graphs, solving linear equations and inequalities, and quadratic equations. The use of calculators is not permitted in this course.

## **MATV 0057 Modularized Developmental Mathematics**

**Hours:** 3

**Prerequisites:** Appropriate score on placement exam

This course provides an accelerated approach combining arithmetic and basic algebra concepts needed for success in college level courses. It covers topics from MAT 0018 and MATV 0028. Students complete an initial assessment, then work on topics/objectives in which they are not already proficient. Topics include real numbers, percentages, geometry, scientific notation, ratios and proportions, integer exponents and their properties, linear equations and inequalities, graphing linear functions, factoring, quadratic equations, rational and radical expressions. Students may take the course for maximum of 9 credit hours. The use of calculators is not permitted in this course.