

COURSE NUMBER: 600
COURSE TITLE: General Math
COURSE LENGTH: Year, Two Credits
PREREQUISITE: None
GRADE LEVEL: 9, 10

COURSE DESCRIPTION:

This course is designed for students who have not fully mastered the basic mathematic concepts. Students will be scheduled into this course based on their performance level indicated by diagnostic and standardized tests. Successful completion of this course will have a student ready for business math or pre-algebra.

COURSE RATIONALE:

Before a student can be successful in other mathematics courses or in a world filled with numbers, he or she must have a basic understanding of the basic skills, concepts and problem solving processes of mathematics.

METHOD OF INSTRUCTION:

The mode of presentation is lecture with hands on activities, individualized instruction, and individual computer work. Assignments are given daily and their completion is a requirement for the course.

ASSESSMENT:

Grades will be based upon student classroom participation, performance on tests, quizzes, and daily assignments.

CRITICAL OBJECTIVES:

1. Operations with whole numbers, fractions, and decimals
2. Using ratios, proportions, and percents
3. Basic terms of geometry
4. Estimation and measurement
5. Areas and volumes of plane and solid figures
6. Problem solving and applications involving the use of calculators