

MATHEMATICS GENR & FINITE (MGF)

MGF 1100 Mathematical Literacy

Credit Hours: 3

Prerequisites: MATV 0028 with a grade of "S" or MATV 0057 with a grade of "C" or higher, or appropriate placement scores

This course is designed to be a foundation in quantitative reasoning for students preparing to take MGF 1106 or MGF 1107. Critical thinking skills, problem-solving strategies, communicating mathematically, and using appropriate technology will be incorporated throughout the course. Topics include working with fractions and decimals, unit conversions, basic geometry, evaluating formulas, and introductory probability and descriptive statistics. Students who already have credit for MAT 1033 need not take this course.

MGF 1106 Topics in Math

Credit Hours: 3

Prerequisites: MAT 1033 or MGF 1100-either course with a grade of "C" or higher, or appropriate placement test scores

General Education Category: Mathematics Attribute, Mathematics CORE COURSE

This is a general education mathematics course which includes the following topics: sets, logical reasoning, geometry, counting methods, probability, and statistics.

MGF 1107 Explorations in Mathematics

Credit Hours: 3

Prerequisites: MAT 1033 or MGF 1100 with a grade of "C" or higher, or appropriate placement test scores

General Education Category: Mathematics Attribute, Mathematics CORE COURSE

This is a general education mathematics course which includes the following topics: numeration systems, elementary number theory, financial mathematics, graph theory, and voting methods.