MATHEMATICS (MTH)

MTH 1203 INTERMEDIATE ALGEBRA
Prerequisites: Test Placement
Description: Properties of real numbers, factoring, exponents and radicals, linear and fractional equations, linear and nonlinear inequalities, quadratic equations, and functions and graphs. This course may not be accepted in transfer toward the general education requirement for a baccalaureate degree.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: MTH 1503

MTH 1403 AGRICULTURAL MATHEMATICS
Description: A study of mathematics, geometry and algebra that are utilized in the agricultural industry. Problems will include examples from crop production, horticulture, livestock management and agricultural business.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded

MTH 1503 COLLEGE ALGEBRA
Prerequisites: 21 ACT in Math or equivalent test score; MTH 1203: Intermediate Algebra; or instructor permission
Description: Functions, inverse functions, graphing of linear and quadratic functions, the conic sections, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations, determinants and matrices, and higher degree equations.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: MTH 2252

MTH 2203 INTRODUCTION TO STATISTICS
Description: Frequency distributions, elementary probability theory, measures of dispersion and central tendency, normal distributions, confidence intervals, hypotheses testing, regression, and correlation.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded

MTH 2252 TRIGONOMETRY
Prerequisites: 24 ACT in Math or equivalent test score; MTH 1503: College Algebra; or instructor permission)
Description: Designed for students who plan further study at the calculus level. Numerical trigonometry, trigonometric analysis, inverse trigonometric functions, and complex numbers.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Grading Option: Graded