

**PREREQUISITES FOR MATHEMATICS COURSES
FALL SEMESTER, 2006 THROUGH SUMMER TERM, 2007**

When a grade of C or better is required for a prerequisite course that means a grade of C or better for each semester of that course.

Students must be able to verify successful completion of prerequisite courses by presenting either a transcript or a grade report to the instructor of the math course.

Registering for a course without satisfying the prerequisite may result in withdrawal from the course with no refund of tuition.

For quarter course equivalent see the Semester/Quarter Prerequisite Flowcharts.

Course	Credits	Prerequisites
Math 0451 Essentials of Arithmetic I	2 hrs	None
Math 0452 Essentials of Arithmetic II	2 hrs	None
Math 0455 Fundamentals of Algebra	2 hrs	None
Math 0460 College Arithmetic	3 hrs	None
Math 0470 Elementary Plane Geometry	3 hrs	Math 0481 or a complete course in elementary algebra
Math 0481 Foundations for College Mathematics I	5 hrs	Competency in the arithmetic of whole numbers, fractions, decimals, and percents without the use of a calculator
Math 0482 Foundations for College Mathematics II	5 hrs	1. A grade of C or better in Math 0481 or 2. A grade of C or better in the equivalent of Math 0481 (complete course of elementary algebra I) and a qualifying score on the mathematics placement test
Math 1100 Business Mathematics	3 hrs	Competency in the arithmetic of whole numbers, fractions, decimals, and percents without the use of a calculator
Math 1102 Mathematics for Health Sciences	3 hrs	1. A grade of C or better in Math 0481 or 2. A grade of C or better in a complete course in elementary algebra or 3. A qualifying score on the mathematics placement test
Math 1104 Mathematics for Horticulture	3 hrs	A grade of C or better in Math 0460 (or equivalent)
Math 1108 Perspectives of Mathematics	3 hrs	A grade of C or better in both Math 0481 (or a complete course in elementary algebra) and Math 0470 (or one year of high school geometry)
Math 1115 Technical Mathematics I	3 hrs	1. A grade of C or better in Math 0481 or 2. A grade of C or better in a complete course in elementary algebra
Math 1116 Technical Mathematics II	5 hrs	A grade of C or better in Math 1115
Math 1218 General Education Mathematics	3 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course) and Math 0482 or 2. A grade of C or better in Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course) and grades of C or better in each semester of the equivalent of Math 0482, and a qualifying score on the mathematics placement test
Math 1220 Quantitative Literacy	3 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course) and Math 0482 or 2. A grade of C or better in Math 0470 (or a grade of C or better in each semester of a two

		semester high-school geometry course) and grades of C or better in each semester of the equivalent of Math 0482, and a qualifying score on the mathematics placement test
Course	Credits	Prerequisites
Math 1321 Mathematics for Elementary Teachers I	4 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course) and Math 0482 or 2. A grade of C or better in Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course) and grades of C or better in each semester of the equivalent of Math 0482
Math 1322 Mathematics for Elementary Teachers II	3 hrs	Math 1321 with a grade of C or better and a grade of C or better in Math 0470 (or a grade of C or better in each semester of a two semester high-school geometry course)
Math 1340 History of Mathematics	3 hrs	A grade of C or better in any course at the level of Math 1218 or above
Math 1428 College Algebra with Applications	3 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and Math 0482 or 2. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and grades of C or better in each semester of the equivalent of Math 0482, and a qualifying score on the mathematics placement test
Math 1431 Precalculus I	5 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and Math 0482 or 2. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and grades of C or better in each semester of the equivalent of Math 0482, and a qualifying score on the mathematics placement test
Math 1432 Precalculus II	3 hrs	1. A grade of C or better in both Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and Math 1431 or 2. A grade of C or better in Math 0470 (or a grade of C or better in each semester of a two semester high school geometry course) and grades of C or better in each semester of the equivalent of Math 1431 and a qualifying score on the mathematics placement test
Math 1533 Finite Mathematics	4 hrs	Math 1428 or Math 1431 or equivalent
Math 1635 Statistics	4 hrs	1. A grade of C or better in Math 1428 (or equivalent) or 2. A grade of C or better in Math 1431 (or equivalent) or 3. A grade of C or better in Math 1533 (or equivalent)
Math 2115 Discrete Mathematics	3 hrs	1. A grade of C or better in Math 1428 (or equivalent) or 2. A grade of C or better in Math 1431 (or equivalent)
Math 2134 Calculus for Business and Social Sciences	4 hrs	1. A grade of C or better in Math 1431 or 2. A grade of C or better in the equivalent of math 1431 and a qualifying score on the mathematics placement test.
Math 2231 Calculus and Analytic Geometry I	5 hrs	1. A grade of C or better in both Math 1431 and Math 1432 or 2. A grade of C or better in courses equivalent to both Math 1431 and 1432 and a qualifying score on the mathematics placement test.
Math 2232 Calculus and Analytic Geometry II	5 hrs	Math 2231 with a grade of C or better, or equivalent

Math 2233 Calculus and Analytic Geometry III	4 hrs	Math 2232 with a grade of C or better, or equivalent
Math 2245 Linear Algebra	4 hrs	Math 2232 with a grade of C or better, or equivalent
Math 2270 Differential Equations	4 hrs	Math 2233 with a grade of C or better, or equivalent
Math 2300 Mathematical Proof	3 hrs	Math 2232 with a grade of C or better, or equivalent

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