

Algebra is a foundational skill for exploring the physical world and predicting real like events. The goal of the Beginning Algebra and Intermediate Algebra series is to teach you the basic essentials of algebra needed to succeed in future math and science classes. This series prepares you for College Algebra, a course that is required to succeed in most science and technology classes. Beginning Algebra covers the first half of the essential algebra topics needed to continue into more advanced courses. The second half of these topics is covered in Intermediate Algebra (MA 177). THIS COURSE DOES NOT SATISFY A GRADUATION REQUIREMENT.

Prerequisite: ACT math score of 14 or above or equivalent. This course will enable you to improve your understanding of fractions, decimals, percents, ratios and proportions, and systems of measure. This course will enable you to accurately determine solutions, medications, and dosage in a clinical setting.

You will learn to solve the fundamental operations on the set of real numbers, the basic concepts of elementary algebra, mathematical formulas, metric measure, geometry, and consumer interest problems.

Prerequisite: Either "C" or above in MA076/Beginning Algebra or a high enough score on testing determined by the Mandatory Placement Guide. Algebra is a foundational skill for exploring the physical world and predicting real events. The goal of the Beginning Algebra and Intermediate Algebra series is to teach you the essentials of algebra needed to succeed in future math and science classes. Topics include properties of real numbers, linear and quadratic equations, absolute value equations and inequalities, systems of linear equations and inequalities, operations on polynomials and factoring, operations on rational equations, graphs of functions, integer and rational exponents, and radicals. Intermediate Algebra covers the second half of the essential algebra topics needed to continue into more advanced courses. The first half of these topics is covered in Beginning Algebra (MA076).

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Prerequisite: MA177/Intermediate Algebra with a grade of "C" or better or high enough score on testing determined by the Mandatory Placement Guide.

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