College Algebra & Problem Solving

OVERVIEW
This online math course teaches the fundamentals of algebra and will prepare you for calculus courses as you progress toward your college degree.

ABOUT THE COURSE
This online college algebra course equips you with the skills to effectively solve problems using algebraic reasoning. What sets this course apart from a standard algebra course is its strong emphasis on the techniques that are used to solve problems. The goal is not to simply teach you mathematical forms but to help you understand the “whys” behind how you are solving problems. Throughout this course, you will be able to participate in discussions with other students and the professor to help build your conceptual understanding of algebra.

In this course, you will learn about systems of linear equations, rational functions, quadratic functions, logarithmic functions, general polynomial functions, and exponential functions.

Additionally, our college algebra online course uses cutting-edge adaptive technology (the ALEKS learning system). ALEKS is a personalized math tutor that will help you learn each of the skills in our course at your own pace, making it fun to learn algebra online. Our goal is to reduce your “math anxiety” and ensure you walk away feeling confident about math!

This course satisfies 3 credit hours toward the Mathematical Studies (MA) General Studies requirement at Arizona State University.