College Algebra

Course Description

This course presents students with the key concepts of college algebra. Students will be introduced to solving equations and inequalities, functions (including linear, quadratic, polynomial, rational, exponential, and logarithmic), systems of equations and inequalities, and series and sequences.

ACE Course/Exam Number: PLNS-0089

NOTE: The course is listed as Propero eCollege with eText for College Algebra 3.0 for Strayer University on the Pearson store

This course includes the following eText:


Course Learning Outcomes

Upon completion of this course, the student will be able to:

- Differentiate among various processes used in manipulating algebraic expressions
- Analyze algebraic equations and inequalities
- Evaluate a function
- Evaluate the relationship between functions and graphs illustrating functions
- Analyze polynomial and rational functions
- Evaluate exponential and logarithmic functions
- Apply various techniques to solve systems of linear equations and inequalities
- Evaluate sequences and series
- Analyze the factorial function