MyIntermediateAlgebraCourse offers students a unique, interactive experience to learn intermediate algebra. This comprehensive online curriculum is appropriate for an intermediate course to algebra, and comes complete with numerous study aids, lesson checklists, audio lectures, and multimedia presentations. A set of assignments, assessments and discussion questions is available for student homework and quizzes. Course and lesson objectives are pedagogically sound to meet or exceed most accreditation requirements.

All course components are ready to use or can be customized for individual teaching and learning styles. These include pre-tests and quizzes, homework problems, interactive lesson presentations, audio lectures, discussion questions, and more.

**COURSE INFORMATION:**
ISBN:
Credit hours: 3
Number of lessons: 12

**SUGGESTED TEXTBOOKS:**

OR:

*(Course is designed based on the above leading textbooks. Either can be used.)*

**SUGGESTED COURSE DESCRIPTION**
This course focuses on algebraic concepts essential for success in the workplace and other courses. Using real-world examples and applications, students practice fundamental operations with number systems, formulas, algebraic expressions, and linear equations. This course also explores problems involving factoring, inequalities, exponents, radicals, linear equations, functions, quadratic equations, and graphs.

**SUGGESTED COURSE OBJECTIVES**
At the end of this course, students will be able to:
1. Solve problems applying the concept of real numbers and algebraic equations.
2. Recognize real world applications of real numbers and algebraic equations.
3. Solve algebraic problems applying the concept of equations and inequalities.
4. Recognize real world applications of algebraic equations and inequalities.
5. Explain graphs and linear equations and their applications.
6. Recognize real world applications of graphs and linear equations.
7. Solve problems involving polynomials, exponents and their applications.
8. Recognize real world application of polynomials and exponents.
9. Solve algebraic problems involving rational expressions.
10. Recognize real world applications of rational expressions.
11. Illustrate the use of graphs, functions and their application.
12. Recognize real world applications of graphs and linear functions.
13. Solve algebraic problems involving systems of equations.
14. Recognize real world applications of systems of equations.
15. Solve problems with compound inequalities and absolute value equations.
16. Recognize real world applications of compound inequalities and absolute value equations.
17. Solve algebraic problems involving radical expressions and equations.
18. Recognize real world applications of radical expressions and equations.
19. Solve algebraic problems involving concepts of quadratic equations.
20. Recognize real world applications of quadratic equations.
21. Solve algebraic problems involving exponential functions.
22. Recognize real world applications of exponential functions.

MyIntermediateAlgebraCourse can function as a complete online course, a blended course or a web-enhanced course. It has been designed to work in a number of learning management systems, including Blackboard, Course Compass, eCollege, and others.