



Division:	Science/Mathematics	Area:	Mathematics
Course Number:	MATH 150	Course Name:	Beginning Algebra
Prerequisite:	MATH 090 or qualifying score on ACT or COMPASS test		
Corequisite:	NONE		
Hours Required:	Class: 60	Lab: 0	Credits: 4 (four)

Course Description/Purpose

This course covers fundamental concepts of algebra such as symbols, signed numbers, rational numbers, factoring and solutions to linear equations. It also includes solutions of rational equations, quadratic equations, and systems of equations. This course is intended for students who have had no high school algebra or feel a need to review elementary algebra

Major Units

- Real Numbers
- Polynomials
- Rational Expressions
- Quadratic Equations
- Systems of Linear Equations

Educational/Course Outcomes

Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, journals, essays, papers, projects, laboratory/clinical exercises and examinations, presentations, simulations, portfolios, homework assignments, and instructor observations.

Cognitive Each student will be expected to *Identify/Recognize*. . .

- scientific notation;
- rational exponents;
- quadratic formula.

Performance Each student will be expected to *Demonstrate/Practice*. . .

- basic operations with real numbers;
- solve linear equations;
- solve rational equations;
- solve quadratic equations.

Rev. 3/03: MC/lj