

Course Title: Algebra II

Board Approval Date: June, 2010

Credit / Hours: 1 credit

Course Description:

Algebra II is a mathematics course aligned with the PA State Standards. Topics include equations and inequalities; linear equations and functions; linear systems and matrices; quadratic functions and factoring; polynomials and polynomial functions; rational exponents and radical functions.

Learning Activities / Modes of Assessment:

Group Instruction
Cooperative small group work
Teacher Observation
Tests/Quizzes

Instructional Resources: Learning Activities / Modes of Assessment:

ALGEBRA 2. McDougal Littell Publisher, 2008.
Appropriate Internet resources

Course Pacing Guide

Course: Algebra II

Course Unit (Topic)	Length of Instruction
1. Equations and Inequalities	13 days
2. Linear Equations and Functions	15 days
3. Linear Systems and Matrices	15 days
4. Quadratic Functions and Factoring	18 days
5. Polynomials and Polynomial Functions	16 days
6. Rational Exponents and Radical Functions	13 days