

CENTRAL HIGH SCHOOL

Advanced Algebra

Mr. Lamont

COURSE SYLLABUS

Course Description:

This course begins with a brief review of Algebra I topics. Additional topics include: factoring, solving equations using factoring, applications of algebra skills, inequalities, linear equations and functions and graphing, systems of equations, exponents, rational expressions, irrational, imaginary and complex numbers and quadratic equations and functions and the quadratic formula.

Course Objectives:

Upon the successful completion of this course, students will be able to: Factor polynomial expressions, solve equations using factoring, graph linear equations and inequalities, solving rational equations, and solving quadratic equations.

Required Class Materials:

1 inch binder, 3 binder dividers, loose leaf notebook paper, scientific calculator, pencils

Text: *Algebra and Trigonometry Structure and Method Book 2*. Boston: Houghton Mifflin, 1994. Print.

Course Outline:

Basic concepts of Algebra, Inequalities, linear equations and functions, Products and factors of polynomials, rational expressions and equations, irrational and complex numbers, quadratic equations and functions.

Major Assignments:

Tests and Quizzes (Check Website for updates)

Grading:

H.W., Quizzes, Tests

Class Policies & Procedures:

Homework is expected to be completed by the assigned due date. Late Homework policy will follow that of the student handbook. Students are to follow the rules established in the student handbook. Students are expected to bring all materials to class and come ready to learn.

Instructor Contact:

The fastest way to reach me is through email. My email address is jlamont@cusd4.org . I will check and respond to my email on a daily basis. Also messages can be left with the office. Appointments can be made on request. Due to my extra-curricular commitments, the best time to schedule an appointment would be before school. (This will change after the fall.