

Central High School

Advanced Algebra

Ms. Kroner

Course Syllabus

Course Description: This course begins with a brief review of Algebra 1 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.

Required class materials: 3-ring binder, loose-leaf paper, pencils, dividers, book cover, scientific calculator.

Text: Algebra and Trigonometry Structure and Method (McDougal Little)

Course Outline:

1. Basic Concepts of Algebra
2. Inequalities
3. Linear equations and functions
4. Products and factors of polynomials
5. Rational expressions and equations
6. Irrational and complex numbers
7. Quadratic equations and the quadratic formula

Grading: Daily homework, daily quizzes, chapter tests, binders at the end of each chapter, attendance

Classroom Routine: Check the agenda on the board, have homework questions ready when the bell rings, answer homework questions and collect homework, present new material, assignment given, daily quiz, guided study, and Carnegie math.

Make-up Work: It is the student's responsibility to stop by my room and pick up make-up work when absent. The student must be prepared for the next class session, which includes getting notes and making up any missed quizzes/tests.

Contact information: I will be available after school if you have and questions or problems with homework or the course. My e-mail address is: vkroner@cusd4.org . I can be reached easiest by e-mail and I will check and respond to them daily. Messages can be left with the office at 1-815-694-2321.