

Central High School
Advanced Algebra
Joe Haney

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.

Required class materials: Notebook, pencils, book cover, scientific calculator.

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

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

Classroom Expectations:

- Be respectful
To your peers and the teacher and respect will be returned
- Be prepared
Come to class with the materials listed above and ready to learn
- Be prompt
 1. Come to class on time. I expect you to be in your seat when the bell rings.
 2. Tardies will not be tolerated and will be dealt with the same as any other discipline problem (see below)
- Be responsible
 1. Bring your completed assignment to class
 2. Take responsibility for your own learning – if you are lost or behind come see me for help, that is what I am here for
- Participate
Take an active appropriate role in class

Grading and Makeup Policies:

1. Daily notes should be kept in a notebook for math only.
2. There is an assignment due every day which you are expected to have completed. These will be graded based on completeness or for points.
3. Unless otherwise stated there will be a chance to ask questions everyday before your assignment is turned in.
4. Late work WILL be accepted but at a reduced value of 75% of what you would have earned.
5. If you are absent it is your responsibility to get the assignment for the day(s) you missed either from me or the office and be prepared for the next class period.
6. You are responsible for tests, quizzes or assignments the day of the absence. See Mr. Haney if you have any questions.
7. If you are unexcused there will be **NO** chance to make up missed work.

***Homework will be 25% of your grade, Quizzes are 30%, and Tests are 45%.

Instructor Contact: I am available before school everyday at 7:45am. My email address is [jhaney@cusd 4.org](mailto:jhaney@cusd4.org) and can be reached by phone at 815-694-2321.