

Course: Algebra I A

Instructor: Hirschfelder, Schnowske

School year: 2008-2009

Class Textbook: Algebra I Concepts and Skills volume 1, McDougal Littell 2001, ISBN# 0-618-10646-4

Description of the course: This course is the first course of a two-year course of study that will cover connections of earlier mathematics courses to algebra, properties of real numbers, solving linear equations and functions, writing linear equations, solving and graphing linear inequalities, systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, rational expressions and equations, radicals and connections to geometry.

Course content and objectives:

- Connections to algebra- model real life situations.
- Properties of real numbers – evaluate numerical and algebraic expressions.
- Solving linear equations – apply step-by-step techniques to solve linear equations.
- Graphing linear equations and inequalities – graph using ordered pairs, slope and intercepts.
- Writing linear equations – use information to write a linear equation.
- Solve and graph linear inequalities – write, solve, and graph linear inequalities.

Grading Procedures:

Your grade will be based upon two areas: Homework- 40% and 60% Quizzes and Tests. All homework assignments are 10 points, quizzes are 100 points and tests are 100 points.

Homework: Homework is collected on a daily basis. Students will receive completion points for their homework, however, **the assignment must always show work and corrections must be made on the problems missed.** Late work will not be accepted.

Absences: If you are absent, it is **YOUR** responsibility to get the missing assignments when you return. If the absence was excused, you have two days to complete the assignment. If the absence was unexcused, you only have one day to complete the assignment. If you will absent because of a school function or doctor's appointment, you are required to get the assignment before you leave school.

Supplies:

1. Textbook
2. ***3-Ring Binder**
3. Loose-leaf paper
4. Dividers: Bell work, notes, quizzes, and journal entries
5. A pencil and a pen
6. Calculator TI-34II
7. A ruler or straight edge
8. Graph paper

***Students are to save all homework in order, handouts, notes, bell work, journal entries and quizzes in their binder for a test grade each quarter.**

Classroom Rules:

1. *Come prepared to class.
 2. Be in your seat by the time the bell rings or you will be issued a tardy.
 3. Raise your hand to participate and only talk when given permission.
 4. Be respectful and act appropriate towards the teacher and students.
- *A tardy will be issued if you have to go back to your locker.**

If you do not follow the rules, I will issue a verbal warning. If the behavior continues, you will be asked to stay after class a minute. If the behavior still continues, I will send you to the office.