Algebra 1 Syllabus

**Instructor Contact Information:**

**Course Description:**

Symbolic reasoning and calculations with symbols are central in Algebra 1. Through

the study of algebra, a student develops an understanding of the symbolic language

of mathematics and the sciences. In addition, algebraic skills and concepts are

developed and used in a wide variety of problem-solving situations.

(Mathematics Framework for California Public Schools K-12, 2006 Revised Edition, pg. 80)

**Course Objectives:**

Students will…

* Identify and use arithmetic properties and various operations on the real numbers.
* Simplify and solve linear equations and inequalities in one variable.
* Simplify and solve systems of linear equations and inequalities.
* Graph and interpret graphs of linear and quadratic functions.
* Understand and use the rules of exponents.
* Apply arithmetic properties and perform operations on polynomial expressions.
* Solve and interpret the solutions of linear and quadratic equations.
* Interpret and solve real world problems involving linear and quadratic models.
* Simplify and solve basic rational and radical equations.

**Materials:**

* Textbook: Holt, *Algebra 1*.
* EITHER a 3 ring binder with a math section and paper OR a notebook.
* 2 Pencils

**Assignments:**

* Participation- A major portion of the student’s grade will be participation points. Each week students will begin with 10/15 participation points. Students will either earn or lose these points throughout the week depending on participation in class activities and behavior. Students who exhibit poor classroom conduct will lose participation points.
* Homework- Each day students will have an in-class assignment, a homework assignment and a homework quiz. Homework quizzes will include two to three questions from the homework assignment and will be graded as part of the homework assignment.

Homework Assignment 6 points

Homework Quiz + 4 points

Homework Grade = 10 points each.

* Tests and Quizzes- Quizzes will be given sporadically throughout the semester. Chapter Tests will be given for each chapter covered. \*Every student will have the opportunity to retake ANY test during tutoring hours before the next exam.

**Grades:**

Percentages: Grade Criteria

A 100- 90% Participation- 20%

B 89 - 80% Attendance- 20%

C 79 – 70% Homework- 30%

D 69 – 60% Exams- 30%

F 59 – 0%

**Classroom Rules:** School-wide rules and procedures apply in this classroom and school consequences will be implemented for infractions.

**In class, you will be expected to do the following:**

* **Follow Directions**
* Remain in your ASSIGNED seat at all times.
* Be respectful of the learning environments of others:

This looks like:

* No interrupting the individual who is speaking to the class as a whole. Ever. No matter what.
* No bullying or foul language.
* Keep your hands/feet/etc. to yourself

**Classroom Procedures**-

* Bathroom- Students will be allowed to use the restroom during class once per week. This includes getting a drink of water.
* Absences and Tardies- Students who are absent or tardy will still be responsible for any work they miss. Students may come in after school to ask about missing assignments or check the class website for the day’s work. I will not discuss makeup work during class at any time.
* Tutoring Hours- I am available in my classroom every day after school for students who need a place to finish their homework, have questions about a topic from class, need to make up missing work or retake a test.

**Discipline**

* Students who break one of the classroom rules will receive a warning. A second infraction on the same day will result in a change of seats and loss of one participation point. A third infraction on the same day results in the loss of an additional participation point and a call home to the student’s parent/guardian.
* Extreme cases of disobedience or disruptive behavior will result in immediate removal from class, loss of participation points and contact home.

Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_

Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

August 22, 2011

Dear Parent or Guardian,

I am pleased and excited to have your child in my Algebra 1 class at Roosevelt High School this school year. Throughout the year your child will learn algebraic concepts that they need to know for future math classes. I am sending a copy of the syllabus for the course home with your child. The syllabus describes in detail the policies for behavior, grading and class procedures as well as what I expect from my students.

Because this material is important I want to make sure that you have a chance to review the syllabus. Should you have any questions regarding the class or any concerns, please don’t hesitate to contact me. Thank you very much!

Sincerely,