**ALGEBRA 2**

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**COURSE CONTENT**

Algebra 2 covers solving and graphing second degree equations, complex numbers, matrices, determinants, synthetic division or substitution, and polynomial, exponential, logarithmic, and trigonometric functions.

This is a rigorous, challenging course. In order to be successful, you must be willing to regularly do homework and be committed to learning and putting in the time to master the topics. If you are exceptional at math, this course will still challenge you. If you are an average math student, you can pass with a C or higher, but only if you put in the time and effort to strengthen your basic algebra skills. This is not a course if Algebra 1 was a struggle.

**GRADING POLICY**

Grading for this class will be based on these components:

 Notebook – 5%

 Homework – 10%

 Quizzes – 25%

 Tests – 45%

 Final – 15%

Your notebook will be graded on completeness of notes taken in class. The notes need to be organized neatly in a three-ring binder.

Homework will be given daily. Homework is due at the beginning of the next class period. Homework will be accepted one day late for half credit.

Quarter and semester grades will be assigned according to the following scale:

 A+ 97 – 100%

 A 94-96.9%

 A- 90-93.9%

 B+ 87-89.9%

 B 84-86.9%

 B- 80-83.9%

 C+ 77-79.9%

 C 74-76.9%

 C- 70-73.9%

 D+ 67-69.9%

 D 64-66.9%

 D- 60-63.9%

 F 0-59.9%

**MATERIALS**

Text: Algebra 2, Prentice Hall

Required: Three-ring binder (1.5 inches) with a slip cover

 Loose leaf notebook paper

 Graph paper

 Pencil and eraser

Recommended: Graphing calculator

**CLASS RULES AND EXPECTATIONS**

Be on time! When the bell rings, your entire body needs to be inside the classroom door. If you are not, you are tardy, and will serve a lunch detention. Three lunch detentions will result in an office referral.

Once in class, sit in your assigned seat and do not roam around the room. You should only get out of your seat if you need to sharpen your pencil or if instructed to do so.

Talking during the lesson will not be tolerated. You must take notes and be attentive during class. You will speak only when called upon. Once group work or homework time begins, there will be times you will be expected to talk quietly with your group or partner.

Come to class prepared. Always bring your book, your notebook, paper a pencil and eraser, and a good attitude. Be ready to learn!