

# Advanced Algebra Course Syllabus

Ms. Dudley

Room 11

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**Course Description:** Advance Algebra is meant to follow Algebra and precede Geometry. Topics studied include properties of solving linear equations and inequalities, absolute value functions, graphing, systems of linear equations and inequalities, properties of exponents, quadratic equations, polynomials, rational equations, exponential and logarithmic functions, radicals, probability and statistics, and sequences and series.

## Supplies Needed:

- **Notebook** (Only used for Math)
- Pencils
- A scientific or graphing calculator
  - Cell phone calculators will NOT be allowed!
- Computer
  - We will be using DESMOS in class on the laptop.

## Course Requirements:

Students will be required to:

1. Complete daily work in and outside of class.
2. Take notes on class lectures.
3. Take unit tests, quizzes, and skill checks.

**Grading:** Letter grades will be given on the following percentages:

94-100	A	74-76	C
90-93	A-	70-73	C-
87-89	B+	67-69	D+
84-86	B	64-66	D
80-83	B-	60-63	D-
77-79	C+	0-59	F

## Unit/Chapter Tests (80% of grade)

Chapter tests will have one retake available.

A review assignment must be completed before a retake is allowed.

## Homework and Quizzes (20% of grade)

### Daily Homework

Worth 2 points each. (Every problem must be completed with work.)

### Skill Checks

Given every Friday\*.

Will be worth 5 points.

Will cover new material covered in class during the week.

Students can redo any problems they completed incorrectly for full credit.

### Quizzes

Given periodically.

### Notebook Checks

Completed at the end of every chapter.

Students will be graded on completing the notes done in class every day.

It is proven that students remember more when they write notes by hand!

Final Test

10% of your final course grade.

**EXTRA HELP ON THE INTERNET:**

Another excellent feature of our textbooks is that there is extra help available on the internet. The website is: [www.classzone.com](http://www.classzone.com) . Once there, click on MATH, then HIGH SCHOOL MATH, and then ALGEBRA 2. You are now at the main menu for Algebra. Click on the chapter you want extra practice on. You can then click the lesson you want help on, or even do a crossword or game. If you click on a lesson, it then displays all of the extra practice resources available. It will give you worksheets to print off and practice, and you can check your answers with me anytime.

**EXTRA HELP WITH ME:**

I am available for extra help most mornings before school (7:30-8:00), after school (3:00-3:30), during my prep hour (1<sup>st</sup> Hour). If you need extra help, please talk to me about coming in during one of those times.

I will be working with students in High School Algebra, Geometry, and Advanced Algebra during homeroom.

If you would like to be included in the Advanced Algebra group please let me know.