

Algebra II Honors

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields

Course Objectives: The content should include, but not be limited to, the following:

- structure and properties of the complex number system
- arithmetic and geometric sequences and series
- relations, functions and graphs extended to polynomial, exponential, and logarithmic functions
- varied solution strategies for linear equations, inequalities, and systems of equations and inequalities
- varied solutions strategies, including the quadratic formula, for quadratic equations
- conic sections and their applications
- data analysis, including measures of central tendency and dispersion
- probability, permutations, and combinations

Classroom Policies

1. Come to class on time. It is your responsibility to come to class on time.
2. Be in your seat when the bell rings. You are to remain seated during the class period unless you are given permission otherwise. Pencils need to be sharpened before class begins.
3. Come to class prepared. (e.g. homework, paper, pencil, and calculator)
4. Test and homework must be written in pencil.
5. Giving or receiving information (cheating) will result in a zero on any test or assignment for both the giver and receiver of information.
6. No talking without permission. Raise your hand and wait to be recognized.
7. Respect school and student property.
8. No food, gum, or drink (except water) is allowed in the classroom.
9. No sleeping or putting head down on the desk.

Grading Policy

70 %

Test and Quizzes

1. All test and quizzes will be announced in advance.
2. There will be approximately 4 test per 9-weeks and quizzes when necessary.
3. The semester exam will count as 2 test grades.

20%

Homework and Homework Quizzes

1. Homework will be assigned each class period.
2. Homework is due the beginning of the next class period that we meet.
3. Homework will be accepted late only if you have an excused absence for the day(s) that it was assigned.
4. Homework quizzes will not be announced in advance.

10%

Notebook

1. A notebook will be collected twice each 9-weeks.
2. It is to contain objectives, notes taken in class, and journal entries.
3. It will be graded on content, organization, and neatness.

Help Sessions and Make-up Test are on Monday, Wednesday, and Thursday from 2:05 – 3:00

Homework Help On-line:

1. Go to **PHSchool.com**
2. Enter the Web Code for your textbook listed below
agk-0099
3. Click **Go**