



HEPHZIBAH COMPREHENSIVE HIGH SCHOOL

Chris Nabahe, Principal
Melissa McAllister, Assistant Principal
Tabatha Gordon, Assistant Principal
Carol Prescott, Assistant Principal

Course Syllabus 2021 – 2022: Algebra II

Ms. Micheale Jenkins

Email address: jenkimi@boe.richmond.k12.ga.us

Phone Number: (706)-592-2089

MASK ARE TO BE WORN PROPERLY AT ALL TIMES!

Course Description and Objectives Algebra II builds on and enhances equation solving skills practiced in previous courses. Students extend their knowledge to include quadratic, rational, radical and logarithmic functions and equations. Here is a more detailed list of topics.

Quadratics: solving quadratic equations, simplifying radicals, simplifying exponential expressions, imaginary number operations.

Polynomials: combining like terms, distributive property, simplifying expressions, zero property, factoring, definitions, Pascal's triangle, and determining inverses.

Polynomial functions: long division, rational root theorem, remainder theorem, graphing, quadratic formula, completing the square, and applications to the real world.

Rational and radical relationships: Linear equations, rational equations, radical functions, inequalities, determining extraneous roots

Exponentials and logarithms: Graphs, exponential growth and decay, natural and common logarithms, change of base and solving equations.

Mathematical modeling: quantitative reasoning, sequences, series, explicit and recursive formulas, summation formulas, transformations

Data conclusions: Mean, median, mode, interquartile range, standard deviation, distributions, sample techniques, population predictions.

Assignments and Absences

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days.

Course Assessment Plan/Grading Scale: This course will include many formative assessments and labs. The course will also include four countywide common assessments. At the conclusion of the course, in early May all (list content) students are required to take the Georgia Milestone and/or Final Exams which will count as 20% of their final grade. For this course grades will be assigned as follows:

Test Assessments	40%
Quiz Assessments	35%
Classwork/Homework	25%

Grade recovery consists of assignments created by the teacher.



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School Expectations

Follow all school rules and policies (REBEL Alert – PBIS).

- Being Respectful
- Being Responsible
- Being Ready for Success

Course Materials

1. 3 ringer binder
2. College ruled notebook paper
3. # Pencils
4. Highlighter
5. Colored pencils
6. Tabbed dividers

Classroom Procedures and Expectations

1. Walk into the classroom quietly and take your seat.
2. If you are tardy, you must have a pass from either the office or teacher that kept you late.
3. If need be, sharpen your pencil or visit the wastebasket before class begins. This must be done within the first minute of coming to class.
4. As soon as you are seated, get out all materials needed for class.
5. During assessments you are to raise your hand if you have a question and I will come to you. Always bring a book to read after you finish your test as not everyone will finish the test at the same time. **THERE ARE NO CELLS PHONES TO BE USED DURING AN ASSESSMENT.**
6. During class work, raise your hand and I will recognize you and if I am with another student, wait patiently and I will get to your question.
8. If you are absent, it is your responsibility to check with me to see which assignments you missed. **It is your responsibility to complete the assignments within five days.**
9. Do not stand up, pack your book bag, clear off your desk or leave the classroom until instructed to do so.
10. During a fire or tornado drill, remain calm and walk quietly to our designated areas.
11. During any announcements be quiet and listen until they are finished.

Classroom Apps

We will be using a number of classroom apps this year. We will be using Remind, ClassTag and Pocket Points.

Remind Code:@fdbfg7

School Expectations

Follow all school rules and policies (P.R.I.D.E – PBIS).

- P – Positive
- R – Respectful
- I – Innovative
- D – Determined
- E - Excellence

Classroom Rules

- 1) Be respectful
- 2) Sit in assigned seat



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- 3) If eating a snack, make sure to throw **ALL** trash away. If caught, you will lose that privilege.
- 4) Keep electronics put away unless authorized by teacher. All electronics use will be documented in lessons.

Classroom Consequences

- 1) verbal warning
- 2) parent contact
- 3) administration involvement

All consequences will be aligned with the HHS school wide discipline plan.

Conferences

In order to schedule a conference with your teachers, please contact the Guidance Office 706-592-2089

Signature Page

By signing below, we acknowledge that we have read and understand the: **Course Syllabus 2021 - 2022 Algebra II**

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Class Period _____

Print Student Name _____

Student Signature _____ Date _____

Print Parent Name _____

Parent Signature _____ Date _____