

Algebra II - PEP

2023-2024

COURSE DESCRIPTION

Topics in Algebra II include Equations and Inequalities, Linear Equations and Functions, Linear Systems and Matrices, Quadratic Functions and Factoring, Polynomials, Rational, Exponents, Radical, and Logarithmic Functions, and Conic Sections.

EXPECTATIONS

Students are expected to come to class prepared (homework completed), participate, and be respectful of their fellow students and teacher. Students should expect to engage in conversation and work through in-class examples every class day.

COURSE GOALS

Students will understand and be able to apply the concepts of Algebra II. Students will have a good grasp of algebraic concepts that will appear in future math courses and on standardized tests such as the ACT or SAT. My desire is to help students enjoy the process of learning math instead of just getting through the material.

MATERIALS

- McDougal Littell's *Algebra II* and *Worked Out Solution Key*
- Binder/Folder
- Graph paper preferred for homework assignments (some sections required)
- TI-84 (any version, Ti-84 Plus Ce preferred) graphing calculator
- Class notes – printed from pepohio.weebly.com

GRADING

Tests - 40% (2-3 per quarter)

Quizzes – 30% (2-3 per quarter)

Homework - 25%

Participation - 5%

QUIZZES AND TESTS

Quizzes and most tests will be posted to Weebly. They should be printed out by the parent and completed by the student, without assistance from their notes (with the exception of the theorem sheet) or homework, on the assigned day. There is no time limit. When they have completed the test, a parent needs to place it in an envelope, seal it, and sign across the seal. One test or quiz per quarter may be given in class.

HOMEWORK

The purpose of homework is to provide an opportunity to practice the principles taught in class. It is very important to keep up on the homework.

- A detailed assignment sheet will be provided and posted to Weebly each quarter.
- Assignments for Monday & Tuesday are due on Wednesday. Assignments for Wednesday, Thursday, and Friday are due on Monday.
- Students:
 - Homework will be assigned for Monday through Friday each week.

- Make sure to show your work!
- Please use graph paper and write your name, date, and assignment on the top of the paper.
- Have a parent grade and sign your assignments.
- Some assignments may be done on Desmos. The links to the assignments are found on weebly and assignments will be graded as regular homework.
- Parents – guidelines for grading homework:
 - Parent grades each problem using the McDougal Littell Worked Out Solution Key and marks any incorrect answers.
 - Student corrects each incorrect problem until correct answer is reached
 - Once all problems are completed correctly, parent signs the top of the homework assignment signifying that all answers are correct.
 - If there is a problem that, upon multiple attempts, the student is having difficulty reaching the correct answer, please write a note next to your signature so that we can go over it in class.
 - Desmos assignments will be graded by the tutor.

ABSENCE/LATE WORK

Late work considered on a case by case basis – “excused or unexcused” will be left to the tutor’s discretion.

- Days that a student is absent or ill are not counted as late days if I am notified by a parent in a timely manner. Assignments may be turned in on the student’s return date without penalty.
- Unexcused late assignments will receive a “0” in the gradebook. Students may turn the assignment in at a later date for a 25% reduction per day late.
- PLEASE contact me with any concerns about late work due to special situations and/or problems.
- FOR QUIZZES AND TESTS: If a student is absent on the day a test or quiz is due (excused or unexcused), the parent should either email me a scanned copy of the completed quiz/test or put it in my PEP mailbox on the date it is due, unless there are other arrangements made.

If you ever need help or have any questions, please contact me by email or phone/text and I will be happy to work with you. I am looking forward to a great year!

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