

College Algebra

2023-2024

Instructor Information

Instructor

Ms. Lee

Email

jlee@mppanthers.org

*This is the best way to contact me outside of school!

Classroom & Extra Help

MPHS - Room M6

Before school from 7:30 a.m. to the start of homeroom.

*Please come talk to me if you have any conflicts.

Introduction

Welcome to the 2023-2024 School Year!

College Algebra is designed to reinforce and expand on students' algebraic reasoning skills. College Algebra will cover topics that include linear, polynomial, exponential and logarithmic functions. In addition, this course will help to prepare students for the SAT/ACT exams, college placement tests and mathematics courses they may see in college.

Tentative Course Sequence

Unit 1: Problem Solving

Unit 2: Graphing Functions

Unit 3: Linear and Quadratic Functions

Unit 4: Polynomial and Rational Functions

Unit 5: Exponential and Logarithmic Functions

Unit 6: Sequences and Series

Unit 7: Trigonometric Functions

Unit 8: Statistics and Probability

The order of the units may be changed depending on timing and pacing throughout the year.

Quick Notes

Required Materials

- A binder is required for the class. You should keep all papers neat and organized. Worksheets are the norm for the class. It may be helpful to have separate sections for your notes and homework assignments.
- All assignments, quizzes, and exams should be done in pencil. Notes may be taken with a pen. If you have any issues, please see me.
- Calculators will be necessary for most of the course. The TI-83/84 graphing calculators are recommended. Students should have at least a scientific calculator.

General Information

- A Google Classroom has been created for the class. Check the board for the Google Classroom code. All homework assignments, quiz and test announcements are posted as Daily Posts to Classroom. It is

your responsibility to check the Classroom when you are not in class. For any extended absences, please reach out to schedule make-ups.

- Homework is due the day after it is assigned unless another due date is given. If you are absent from class for any reason, you are responsible for making up any work that was missed. It is your responsibility to show any homework that was previously due. If you are absent, a zero will be input in the Gradebook for the missing assignment until you show it to me.
- If you are absent on the day of an assessment (tests or quizzes), it is the general understanding that you will take it the day you come back to class. Exceptions will only be made for extended absences.

Grading

Category	Weight
Exams	40%
Quizzes	30%
Homework	20%
Professionalism	10%

- Homework is graded mostly for completion. Occasionally the assignment will be collected and graded for accuracy. **HOWEVER!** Recently, the use of applications and sites has increased significantly. If your homework looks like it was copied or taken from such an application or site, you may be subject to receive a zero even if the assignment is graded for completion.
 - Homework is used as a tool to practice and reinforce the lesson that was taught. This is the time to make mistakes so that we can catch and fix them before graded assessments. If you find yourself struggling with the homework, that might be a sign you need to come see me for extra help. There is absolutely no benefit to using an application or site to do your homework or to copy your homework from someone who might have.
- Professionalism refers to general classroom behavior as well as the characteristics of a good student. At the beginning of each marking period, each student starts out with 50 professionalism points. Points will be deducted for actions deemed “unprofessional” (not staying on task, using electronic devices without permission, being disrespectful, etc...) The assignment will be input into the gradebook at the beginning of each quarter but will be a fluid grade, subject to change throughout the marking period.
 - Cell phones are collected at the start of each class and returned at the end of each class. Failure to comply with this will result in professionalism points being lost. The use of smart watches also falls into this category.
- Quizzes are generally given after one to two lessons and will cover portions of each chapter.
 - You may be required to maintain an assessment portfolio. More information TBD.
- Exams are given at the end of each chapter. Each test is designed to be finished within one class period (48 minutes). Extra time is not given to individual students unless they have accommodations.