

Algebra 1 Course Expectations

Fall 2023 - Spring 2024

Course Description

Welcome to the Montgomery High School's Algebra 1 course with Mr. Brady. Algebra I is the first course in the college preparatory program in mathematics. Emphasis is placed upon the development and understanding of the real number system and the basic structure of Algebra. Also, the course helps students develop an appreciation for logical problem-solving and deductive reasoning as well as precision in the communication of mathematical ideas and its context to the real world. **A scientific calculator is required.**

Materials:

- Textbook: McDougal Littell Algebra 1 2008
- 3 Ring-Binder
- Laptop/Chromebook
- Folder
- Writing Instrument
- Scientific or Graphing Calculator

Classroom Environment and Schedule

Students should take notes for themselves as they learn new material and show their work as they explore problems. Homework will be a review of topics covered and will be assigned on a regular basis. It is due before the next class begins and will be posted on Genesis. Work must be shown neatly in order to receive credit. Completion and effort on homework will result in increased success.

Course Pacing and Delivery Method

Individual classes consist of an introduction to new concepts, some worked out examples, and exercises. During "direct instruction" days, we will go over new concepts and example problems together in class, and the exercises will be completed for homework. During "flipped classroom" days, students will learn about new concepts and work through examples on their own before class, as homework, and we will complete exercises in small groups during class.

Assessment

Homework is given each night, and is checked for completion and reviewed at the start of each class day. Each chapter has several accuracy checks, quizzes, and a chapter test, which are graded on procedural fluency and accuracy. See the grading section below for more information. If you are absent on a test or quiz day, you will be expected to take the assessment on the day you return if in class or at a discussed time when virtual. Also, if you are absent on a day before a test, and that day is used only for review, you **will** be expected to take the assessment on the day the test is administered.

Classroom Rules:

- Be on time
- Be prepared
- Be courteous to others
- No profanity. Period.
- Cell phones will be turned off during class unless cleared by instructor
- No food or snacks during class.

Assessments/Grading:

Tests/Quizzes are worth **80%**

Homework/Lab Assignments/Graded Assignments/Class Participation are worth **20%**

The number of assessments will differ each semester. Tests will usually be worth 100 points and quizzes will range between 10-60 points. Homework will be assigned daily and each assignment will be worth 2-10 points. If homework is not completed by the due date, students can follow along during the review or turn it in the following class for half credit. Other assignments such as projects, labs, and other graded assignments are given a point value based upon our discretion. Your grades will be posted on Genesis, the district's online grade book. Tests will always be announced in advance, while quizzes may not be. Each semester is worth 44% of your final grade. The final is worth 12% of your final grade.

Math Department Guidelines:

Guidelines are attached. You will see our department's extra credit and remediation guidelines.

Extra Help:

If you want to meet with me outside of class hours, you may visit during my extra help hours. My extra help hours will be held every Tuesday in B2230 (unless noted for a specific reason). Extra help hours are great for getting help on homework and getting your lingering questions answered.

Notes to Parents/Guardians:

- Please review these expectations with the student. If you have any questions or concerns, please feel free to contact me. Email is the best way to contact me throughout the school year.
- Study Guides for every chapter are available on the Math Department Website.

Miscellaneous:

If you need to speak with me outside of class, please arrange to meet with me either before class or after. If you are absent, it is your responsibility to get make-up work and notes. Email your teacher in advance if you plan on being absent for more than a day.

MHS MATHEMATICS DEPARTMENT STANDARDS

The purpose of the standards is to enable students to know what to expect when they take a mathematics course at MHS. These standards are designed to promote responsibility and encourage the students to seek the appropriate help when they encounter difficulty.

- Participation:** In order to learn the course material, students must be actively involved in class. We encourage them to participate by being attentive, asking and answering questions, solving problems and having their BYOD device.
- Homework:** Homework must be done regularly and on time to be of value in preparing for new lessons and assessments. Homework will count towards the semester grade.
- Notebook:** Students will be expected to maintain a mathematics notebook. The format of the notebook will vary from course to course.
- Written Communication:** Students will be expected to show all work when solving problems on homework, tests, quizzes and other assignments. This enables the teacher to know that the students fully understand the concepts being studied.
- Calculators:** Calculators may be used at the teacher's discretion as a tool for learning to do higher-level problems. Many high stakes assessments restrict CAS calculating devices. In purchasing a calculator, ask the teacher what device is best for the course. State assessments will be using the TI 84 graphing calculator. (TI 83 series is equivalent).
- Partial Credit:** Partial credit may be given for solutions when essential steps are shown.
- Retests:** It is important for students to master math concepts to proceed forward; therefore, there is no retesting. If students perform poorly on a test they may seek extra help from the teacher. Math builds. It is important that students correct errors and rework problems to solidify their foundation.
- Remediation:** For assessments that are weighted at 10% or greater in a semester, remediation designed by the teacher can increase the posted grade to a 50%.
- Extra Credit:** There are no individual extra credit assignments. At the teacher's discretion, extra credit assignments may be given to all students within a course.
- SEL Learning Target Areas** All Math courses incorporate Social and Emotional Learning through problem based discovery, reflection on practice and collaboration on content. Using skills like goal setting, critical thinking, resilience, honesty, and time management by both the teacher and student, result in positive growth.
- Academic Integrity** Refer to pages 23 – 24 in the Montgomery High School Handbook/Agenda
- Makeup Policy** If you are absent the day of an assessment, you are expected to make up the assessment during your next study hall/ early dismissal/ class period. Failing to show up/communicate will result in a 10% percentage point late penalty.

Algebra 1 CP (COURSE EXPECTATIONS 2023-24 to be read on Google Classroom)

Mr. Brady

****** Please take a picture and submit it to the assignment on google classroom******

Student Name **(Please PRINT)**

Date

Parent/Guardian Signature

Date