

Ms. Klug's Algebra 2 Course Syllabus 2019-2020

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Welcome to Algebra 2! We will have a full year of exploring the fundamental topics of Algebra 2, working in a class that focuses on understanding the concepts behind math and many applications to everyday life and the world.

What to Bring to Class Everyday:

- 3 – Ring Binder (for Algebra 2 only) – Including label dividers for notes, homework, quizzes, reviews
- Loose Leaf and Graph Paper
- Pencils, Erasers, and Grading Pens (Not blue or black)
- **2-3 Dry Erase Markers**
- Suggested donation: Kleenex box and/or Clorox Wipes
- TI-Inspire CX CAS (recommended: you may buy)

Topics Covered: Over the course of Algebra 2 we will cover the following broad topics:

- Polynomials
- Rational Expressions and Functions
- Radical Functions
- Exponential and Logarithmic Functions
- Quadratic Relations
- Conic Sections
- Counting Methods
- Probability
- Data Analysis and Statistics
- Sequences and Series
- Trigonometric Functions
- And more!

Expectations:

- Follow all of the BHS rules and policies in the classroom
- Be respectful: In my class respect and participation are expected. Bring a positive attitude to class, as we will often work in groups and will work to encourage each other to develop a deeper understanding of the concepts discussed.
- Electronics are not to be seen in my classroom, unless I give **specific permission** to use them. If an electronic becomes a distraction during class I will hold onto the device until the end of the class period (or school day).
- **Cell phones will be collected daily in an assigned location.** This helps eliminate distractions and encourages class discussion and learning. Sometimes I will give permission to use phones for education-related purposes.
- Be responsible: It is crucial that you come to class with all class materials (listed above) as well as the homework due that day. This way you are prepared to participate in the review of homework, can take notes, organize your work, and have materials needed for group work. Be on time, be prepared, and reach out for help as soon as you start to struggle.

Homework (10%): Homework may be assessed in one of three ways:

- Homework Completeness: this is designed as practice and will be graded for completeness, not perfectly correct answers. If you show your work and show an honest attempt at the work, then you can earn full credit on homework. You may be asked to resubmit an assignment if needed for full credit (after showing strong misconceptions about how to do the work) in order to gain better practice with the material.
- Homework Check: I often give a homework check with 2-5 questions similar to the previous night's homework assignment. Make sure you seek help before class if you struggle with a specific assignment so you are always prepared for a homework check.
- Homework Correctness: this is designed for me to check in to see how well a student understands a concept.

Homework turned in late may receive up to half credit.

Tests (80%) /Quizzes (10%): Most chapters will include 1-2 quizzes and 1 test at the end. These are designed to assess your mastery of the skills practiced on homework assignments.

- Planned Absence: Make arrangements with me to take the test/quiz **before** you leave
- Unplanned Absence: Email me that day to plan a time to make up the quiz/test, otherwise you will be expected to take the quiz/test the next day in class. You will be responsible for making up the activities you miss in class on your own time.
- Review Day: **If you miss a review day, you will be expected to take the quiz or test with the rest of the class, as no new material will be covered.** All reviews will be on my website, so make sure you access them to help you prepare.

Quarter Grade Replacement Test (QGRT): If you are not satisfied with your test grades, you may choose to take a QGRT to override some test grades lower than what you earn on the QGRT.

- QGRTs will take place in October, December, March and May (approximately)
- The test will be administered before school and/or during lunch
- You must have all of your homework completed (including REDO assignments) for a given chapter by the original test date in order for the QGRT to override the original score (see above Homework section)
- You must complete Test Corrections for any test you would like the QGRT to override within a week of the original test. It is also recommended that you come in for additional help with topics you found difficult.
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Absences:

- If you have an excused absence that is not related to a school-related function, you have one extra day per absence to make up the work (Example: if you miss class Monday and come to school Tuesday, the work is due on Wednesday). **It is your responsibility to find out what you missed;**

look in the class-folder for handouts and assignments and complete the missing work. You will also need to look online at the website to find the homework assignment and class notes.

- **Note:** If you miss class for a school-related absence, you will be expected to come back to class caught up with the material. With a school-related absence you need to plan **ahead** and see me two days before the absence to come up with a plan for catching up.
- I am always available for questions to clarify any missed concepts.

Grading:

Quarter Grade	
Tests	80%
Quizzes	10%
Homework	10%

Letter Grade	Percentage	Letter Grade	Percentage
A	93.5 - 100	C	72.5 - 76.49
A-	89.5 - 93.49	C-	69.5 - 72.49
B+	86.5 - 89.49	D+	66.5 - 69.49
B	82.5 - 86.49	D	62.5 - 66.49
B-	79.5 - 82.49	D-	59.5 - 62.49
C+	76.5 - 79.49	E	Below 59.49

Semester Grade	
Q1 and Q2	80%
Final Exam	20%

Additional Help Available:

As you work on homework and get “stuck,” first look at your notes and/or the section in the book. Make sure you give the problem your best effort and don’t be afraid to make a mistake the first time. If you are still stuck:

- Phone/Text a friend: working with peers is key in this class, talking through the problem with a friend can help develop problem-solving skills.
- Look at the posted schedule (outside my classroom door or on the whiteboard) to see when I am available during lunch for help. Let me know ahead of time when you want to come in, and if possible I will make myself available during that time, otherwise I will work to help you find a time that works for both of us. I am always willing and glad to help, as I want all of my students to succeed in this class.
- I am also available for questions by email; I will get back to you as soon as I can.

I look forward to a great year!