

ALGEBRA 2

Instructor: Lynn Cantrell

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Students:

I am looking forward to a productive semester with each of you. If you need help outside of class, I am available at 7:20 AM and during club schedule on Wednesday. If you need help after school, math tutoring is available with other math teachers on Monday, Tuesday, and Thursday.

Guardians:

Because of my retirement status, I am allowed to work 20 hours per week. That means my hours will be from 7:15-11:15. I need time in the mornings to work with students who need extra help. I will be required to leave the classroom at the end of 2nd block so that another teacher can use the room for 3rd block. That means it is going to be very difficult to reach me by phone. If you need to speak with me, I ask that you initially contact me by school email. If any issues cannot be resolved by email, please send me a phone number where you would like to be reached, and I will contact you within one work day.

COURSE DESCRIPTION

This course deals with exponents, radicals, systems of linear equations in two and three variables, quadratic and higher degree equations, rational equations and inequalities, relations and functions, graphing and transformations, exponential functions, and logarithmic functions. Our primary resource will be chapters 4-9 of your textbook (Algebra 2: Applications, Equations, Graphs Larson). Supplemental materials may be supplied.

MATERIALS

*Three ring binder with loose leaf paper

*PENCILS & erasers: You will absolutely receive a ZERO for any work submitted in pen. No argument. If I haven't achieved perfection after 30+ years of teaching, then it is highly unlikely that you will achieve it in a single semester.

*Calculator: A calculator is **required** for this course. A scientific calculator (\$15-\$20) will suffice, but you may find that you prefer a graphing calculator (\$90-\$150). The recommended models (most user-friendly) are TI-30XS Multiview and TI-84 (83 or 86).

GRADE CALCULATIONS

Semester Average

Summative (Tests & Projects): 60%

Formative (Anything other than a test): 40%

Final Average:

Semester Average: 80%

Final Exam (cumulative): 20%

Daily assignments will be graded at random times. **No work, no credit, no kidding.** I will try to give you as much time in class as possible to work on these. However, anything not finished in class will need to be completed at home.

MISSING WORK

It is your responsibility to make up any missed work. Makeup work due to excused absences will be given full credit **if initiated by the student** according to the student handbook/Code of Conduct. A zero will be issued for this work until it is made up regardless of the circumstance.

If you are absent the day prior to an announced assessment, you will be expected to take the assessment with everyone else. **(Don't wait until the last minute to study!)** If you are absent the day of the assessment, you will take the assessment the day you return. You will need to attend after school tutoring if you have questions over material you missed because you were making up a test.

EXTRA CREDIT

*Each unused hall pass returned to me at the end of the semester will be worth one point added to a test grade.

*You will have a series of USATestPrep assignments that you can work on each week for extra credit. Each assignment that you complete with a score of 70 or higher will be worth two points added to a test grade.

HALL PASSES

DO NOT interrupt a lecture to use a hall pass. Hall passes should be filled out **completely** by you. I will write the time on them before you leave the room. You will give these back to me upon re-entering the classroom.

CLASSROOM RULES

*Absolutely no talking during morning announcements.

*Be polite and respectful (to me AND your classmates) at all times.

*Be prepared and ON TIME. I close the door when the bell rings. If you are not in the room, you are tardy. If you bring me a note from another teacher, counselor, the office, or an administrator, it should have a legible signature and a time written on it.

*DO NOT write on my board or erase anything on my board unless asked to do so.

*CELL PHONES. Sorry, but no. Chromebooks are only to be used when instructed to do so.