

College Algebra

(Semester)

Syllabus

Instructor: Mrs. Burton

Email: danaeburton@levellandisd.net

Room: 102

School Year: 2026 – 2027

ABOUT THIS CLASS

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

MATERIALS NEEDED

- ☐ 1" binder with 5 dividers
- ☐ Spiral or composition notebook, or notebook paper in a binder
- ☐ Pen or pencil to take notes with
- ☐ TI-30X (or similar) scientific calculator (school provided or bring your own)

CLASS EXPECTATIONS

- ☐ Be Respectful (to each other and me)
- ☐ Be Prepared (have supplies ready)
- ☐ Be Present (phones away at all times)
- ☐ Be Responsible (turn in homework)
- ☐ Do not bring drinks into the room

HOW TO BE SUCCESSFUL

- ✓ Come to class prepared and on time
- ✓ Actively participate and ask questions
- ✓ Turn in your homework!!!
- ✓ Learn from your mistakes and use all of your resources
- ✓ Respect yourself, others and our classroom

LEARNING OUTCOMES

1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

CLASSROOM PROCEDURES

- ☐ Find your seat and get your binder out
- ☐ Quietly work on the bell ringer on the screen
- ☐ Get out your notebook and calculator
- ☐ Leave your Chromebook put away during instruction
- ☐ Once instruction is over, work on homework

Use the restroom before the bell rings or after 30 minutes of class. Do not come put your bag down right before the bell and ask to go!

GRADING OVERVIEW

Assignments	30%
Quizzes	10%
Daily Work	5%
Exams	35%
Final Exam	20%

HOMEWORK

- ☐ One assignment per section of notes
- ☐ **Due 11:59pm two class days after assigned day**
- ☐ Completed online in MyOpenMath
- ☐ Late work is accepted with a 10% penalty (on late questions only)
- ☐ 30 late passes per semester

TESTS

- ☐ Four unit exams throughout the semester
- ☐ Comprehensive final exam (mandatory)
- ☐ Final exam tentatively set for **December 9-10**

CORRECTIONS

- ☐ Allowed on homework and quizzes
- ☐ **No test corrections**
- ☐ Half of the points missed back if every missed question is corrected
- ☐ Need to be done on "corrections" paper (located where we turn in papers)

HOW TO GET HELP

- ☐ Ask a question in class
- ☐ Tutorials from 7:45 – 8:15
- ☐ Use your notes
- ☐ Check Google Classroom for class recordings and notes
- ☐ Email me:
danaeburton@levellandisd.net

QUIZZES

- ☐ One quiz per section of notes
- ☐ Quizzes are given the day after an assignment is due
- ☐ Taken at the start of class
- ☐ 15 minute time limit
- ☐ No notes
- ☐ 2-5 questions similar to the HW

ABSENT?

- ☐ Let me know as soon as you know
- ☐ Video and PDF of the notes uploaded in Google Classroom
- ☐ I will give homework extensions when appropriate (**talk to me about it first!!**)
- ☐ Missed quizzes/tests need to be made up during tutorials

BELL RINGERS

- ☐ Bell ringers will be displayed on the board at the beginning of class
- ☐ Do your best to answer, then we will go over the question together
- ☐ Pick up a blank bell ringers sheet each week and keep in your binder
- ☐ Part of your "daily work" grades

South Plains College Common Syllabus Statements

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit <https://www.southplainscollege.edu/syllabusstatements/>.

South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: <https://www.southplainscollege.edu/emergency/covid19-faq.php>.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.

Please detach and return:

I have read and understand the classroom expectations, procedures and requirements for this course.

Student Name: _____ Student Signature: _____

Period: _____ Date: _____

In case I have to make a seating chart, please tell me your seating preference. This is not a guarantee of where you will sit.

(Circle) I prefer to sit towards the **front / middle / back** of the class and towards the **far wall / middle / door**.