

**College Algebra (MATH 1314)**  
**Syllabus Fall 2025**

**Instructor:** Danae Burton

**Room:** 105

**Campus:** Levelland High School

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**Course Description:** 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.

**Student Learning Outcomes:** Upon completion of this course and receiving a passing grade, the student will be able to:

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.

**Supplies:** A 1-inch 3 ring binder OR a folder is recommended for storing graded homework assignments. Students will need a spiral or composition notebook and a pen or pencil to write with. A TI-30X calculator is required for the course. If the student does not have one, a calculator will be assigned from the school.

**Homework and Quizzes:** Homework will be assigned after each section of notes and will be due **three class days** after the assigned day. On the due date, there will be a short, 2-4 question quiz accompanying the assignment given at the beginning of class. The quiz + homework will be **one assignment grade** worth 100 points total (80 points from the homework and 20 points from the quiz).

**Late Work:** Late assignments will be deducted 10 points per day late. Assignments turned in 10+ days after the due date will result in a 0. Extensions will be given for missed class days and extenuating circumstances.

**Exams:** There will be an in class exam at the end of each unit of notes completed and a comprehensive final exam at the conclusion of the class in May.

**Bell Ringers:** Bell ringers will be done daily in the first five minutes of class. A question will be displayed on the board and students will answer the question on a bell ringer sheet. The bell ringer sheets will be turned in every Friday. Write ABSENT if you were gone on a day.

**Technology:** This class will use Google Classroom for all notes and class videos. The code for our Google Classroom is \_\_\_\_\_. Grades will be uploaded to Skyward. We will not use Blackboard in this class.

**Cell Phones:** It is now the law in the state of Texas that students are not allowed any personal communication devices during the school day. Students are expected to have their cell phones turned off and put away at all times. If a student is using their phone at any time during class, it will be taken up and given to the office. The same goes with smart watches, ear buds, tablets, and personal laptops.

**Classroom Expectations:** Students are expected to:

- Be prepared to learn (have all supplies ready when class begins)
- Be kind to each other
- Be respectful to the instructor
- Have phone put away during instruction time
- Not bring drinks into the classroom

**Testing Expectations:** During tests, students are expected to:

- Have a TI30X calculator
- Have phone silenced and put away in a backpack
- Keep eyes on your own paper

Students who do not comply with these expectations will be subject to disciplinary action.

**Grading Policy:** A (90-100%), B (80-89%), C (70-79%), D (60-69%), F (0-59%).

The student's final grade will be calculated with the following category weights. All grades will be kept in Skyward.

#### Gradebook Categories

Category	Shows in Skyward As	Weight
Assignments (HW + Quiz)	Assignments	35%
Bell Ringers	Daily Work	5%
Exams	Tests	40%
Final Exam	Projects	20%

\*The gradebooks for Fall and Spring semester are separate in Skyward. This category will only be included in the Spring gradebook and will be used to calculate the final grade.

## 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.