

Trigonometry – MATH 1316.192
Course Syllabus – Spring 2026
South Plains College

Instructor: Danae Burton

Campus: Levelland High School

Room: 105

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Course Supplies:

- A spiral notebook for taking notes during class.
- A pen or pencil.
- TI-30X Calculator (purchased by student or provided by school)
- (Recommended) A 1" 3-ring binder with dividers to keep graded papers and tests OR a dedicated folder.

Student Expectation:

- Come to class prepared and ready to take notes and learn.
- Be kind to other students and the teacher.
- Phones need to be put away during instruction.

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

1. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
2. Graph trigonometric functions and their transformations.
3. Prove trigonometric identities.
4. Solve trigonometric equations.
5. Solve right and oblique triangles.
6. Use the concepts of trigonometry to solve applications.

Technology: This class will primarily utilize Google Classroom for all lecture materials, class videos, announcements, and bell ringers. Blackboard will not be used for this class. MyOpenMath will be used for online homework assignments.

Homework/Quizzes:

- Homework will be assigned at the end of each section of notes and is **due 2 class days after the assigned day at 11:59pm**. Homework will be completed online via MyOpenMath. Assignments will still be available for completion after the due date, but 10% will be deducted for each question completed after the due date. Each student will receive 25 late passes that can be used at any time to complete late homework assignments (you must use 1 late pass per day late).
- **Quizzes will be given the day after an assignment is due.** The quiz will be taken at the beginning of class and will be turned in immediately. Quizzes will be on paper and consist of 2-5 questions similar to the homework. Quizzes must be taken without the use of notes.
- Students are encouraged to keep graded assignments in a 3-ring binder or folder to be used as a reference and study guide for exams.

Exams:

- There will be four unit exams during the semester and one final exam.
- The final exam will be comprehensive.
- The final exam is tentatively scheduled for **May 7-8**.

Grades:

- Grades for SPC and LHS will be calculated as follows:

Category	Weight
Assignments (Homework)	30%
Quizzes	10%
Daily Work (Bellringers)	5%
Exams (4 Unit tests)	35%
“Projects” (Final Exam)	20%

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.