

Dual Credit Plane Trigonometry MATH 1316

Instructor Information

Name: Bimal Ghimire
Office: West Campus Room 6
Telephone: 903-832-1535
E-mail: bimal.ghimire@leisd.net
Office Hours: Upon request

Textbook/Supply Information

Trigonometry 9th Edition by Lial, Hornsby and Schneider, ISBN-13: 978-0-321-52885-8
TI 83/84 (TI 89 will not be permitted)
Notebook and Pencil

- *NOTE: All assignments, including tests, must be completed using Pencil. Any work done on pen will not be graded.*

Student Learning Outcomes for the Course

Upon successful completion of this course, students will:

1. Compute the values of trigonometric function 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.

Student Requirements for Completion of the Course

Homework: Homework will be assigned on a regular basis and students are expected to turn them in on time.

Tests:

Test 1: Chapter 1
Test 2: Chapters 2 & 7.1-7.3
Test 3: Chapter 3
Test 4: Chapter 4
Test 5: Chapter 5

Test 6: Chapter 6

Final Exam: A comprehensive final exam will be given.

Student Assessment:

- (1) Homework 15%
- (2) Chapter Tests 65%
- (3) Final Exam 20%

Faculty may assign both in- and out-of-class activities to evaluate students' knowledge and abilities.

Faculty may choose from the following methods:

- Attendance
- Book reviews
- Class preparedness and participation
- Collaborative learning projects
- Compositions
- Exams/tests/quizzes
- Homework
- Internet
- Journals
- Library assignments
- Readings
- Research papers
- Scientific observations
- Student-teacher conference
- Written assignments

Grading Scale:

Students' final grades are determined by:

A	90	+	
B	80	-	89
C	70	-	79
D	60	-	69
F	0	-	59

Final Grade = 0.15*homework average + 0.65*chapter test average + 0.20*final exam average

Class Schedule:

Please check your schedule for class time.

Other:

Class Absences may cause in lower grades.

Cell Phones must be kept on silence.

Academic Dishonesty may result in failing grades. Student found of academic dishonesty will be dropped from the class.