



TRIGONOMETRY

Insert Teacher Name

Insert Room Number

Semester

Insert Period

Insert Email Address

COURSE DESCRIPTION

This course will focus on developing an understanding of basic trigonometry. The main topics for this course are: triangle and angle relationships using radians and/or degrees; trigonometric ratios (sines, cosines, tangents); the laws of sines and cosines; solving triangles; and the unit circle. The application of these topics to solve real world problems will be emphasized throughout the semester. This course will assist students in preparation for college placement tests as well as introductory college math courses.

COURSE OBJECTIVES

Students should:

- Define trigonometric ratios and solve problems involving right triangles
- Extend the domain of trigonometric functions using the unit circle
- Model periodic phenomena with trigonometric functions
- Analyze trigonometric functions using different representations
- Prove and apply trigonometric identities
- Apply trigonometry to general triangles

UNITS OF STUDY

- 1) Trigonometric Functions and their Inverses
- 2) Graphing Trigonometric Functions
- 3) Trigonometric Identities
- 4) Solving Triangles

COURSE POLICIES AND REQUIREMENTS

GRADING

Summative Assessments:	Insert % Here (Minimum of 70%). Insert Categories/Weighting (ie. Papers – 30%)
Formative Assessments:	Insert % Here (Maximum of 30%). Insert Categories/Weighting (ie. Quizzes – 50%)
Behavioral Characteristics:	Insert % Here (Maximum of 10%) Insert Categories/Weighting (ie. Particip. - 90%)
Insert Additional Grading Information Here	

MATERIALS

Insert Course Materials Here (ie. Textbook, Binder, Calculator, Highlighters)

EXPECTATIONS OF STUDENTS

Insert Course Expectations Here

EXTRA HELP

Insert Course Expectations Here

Insert Additional Information Here