

Trigonometry Course Syllabus

Course Title: Trigonometry

Grade Level(s): 11, 12

Instructor: Jason Dias
Plan Period: 1st hour
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Course Description:

This course will develop the student's mathematical concepts, improve logical thinking, and help to promote success. The course is offered for the students who desire to continue their study of mathematics. The course is needed for the students who wish to continue their education beyond high school in those fields that require a solid background in mathematics.

Course Objectives:

The students will be able to solve for polar and rectangular coordinates

The students will be able to memorize the trig identities

The students will be able to manage a graphing calculator to solve for specific graphs

The students will be able to specify the difference between relations and functions

Instructional Strategies/Learning Activities:

Lectures and guided practice: Lectures will be a part of everyday class. Lectures will cover the new material along with example problems done as a class.

Cooperative Learning: Other activities done in class will be critical thinking projects as well as tedious word problems. These will be done in both groups and individual practices.

Student Grade Will be Based Upon:

Grades will be split between homework and tests.. Tests will be given according to the topics covered and will be worth 80% of your grade. Homework will be worth 20%.

Make-up work /NO LATE WORK!!!!

Each student is responsible for his/her own work. Missed work must be completed within 2 days of the day missed or before a chapter test or the points will not be rewarded.

Be courteous to others and always have a positive attitude.

Classroom Rules/Expectations:

1. Be in class on time
2. Respect others and be polite
3. Bring all materials to class
4. Follow directions