

Trigonometry/Pre-Calculus
Distance Learning Syllabus

Teacher: Viet To
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Room: M12

Office Hours: MW 7:30am – 8:15am
TuTh 1:35pm – 2:20pm
F 8:20am – 8:55am

Course Description

Trigonometry/Pre-Calculus combines many of the algebraic, geometric, and trigonometric techniques needed to strengthen students' understanding of mathematical reasoning in problem solving and to prepare students for the study of statistics, calculus, and college or university entrance exams. In this course, a combination of lecture, class discussions, cooperative learning, and problem-based learning will be used. We will learn math in alliance with the California Common Core Math Standards, putting a great emphasis on student discovery of the concepts, critical thinking and reasoning, mathematical modeling, and academic discourse skills, so that students will be able to demonstrate their mathematical thinking and talk about mathematics.

Student Responsibilities

1. Be present the entire time during live instruction *via Google Meet*. Attendance will be recorded.
2. Take notes and complete the learning tasks in your interactive math notebook.
3. Be proactive and ask your classmates or me for help anytime!
4. Demonstrate Safety, Respect, Responsibility, and Resilience.

Distance Learning Instructional Plans and Classroom Norms

This class will be taught online, with synchronous and asynchronous components. The synchronous component will be taught in a manner similar to a classroom environment. I will provide guided instructions for the lesson. In addition, I will allow opportunities for collaborative learning and independent practice. You will interact with your classmates by participating in breakout rooms. Lastly, the asynchronous component is just as important – you will be learning individually by completing various math tasks.

Although our class does not meet every day, attendance will be taken daily! If our class is scheduled that day, attendance will be recorded *via Google Meet*. If our class does not meet, attendance will be taken with you completing a certain math task specific to the lesson. Your response will be submitted through Google Classroom and will be used to verify participation for that day.

Students are responsible to complete missed notes and assignments. If the students are absent from the virtual class meeting, lecture slides with examples along with handouts and learning resources will be posted onto Google Classroom daily.

Grading

The overall grading system for this course is as follow:

Math Learning Activities and Tasks <i>Classwork, Homework, Math Prompts, Interactive Notebook, Projects</i>	30%
Assessments <i>Lessons/Chapter Assessments, Performance Tasks</i>	70%

To track and assess your learning, homework assignments and math prompts will be assigned daily so that you can reflect on the concepts. The assignments and prompts will be specific to the lesson. In addition, assessments and/or performance tasks will be given after several lessons/chapter. Your work will be submitted via Google Classroom.