

## College Prep Precalculus/Trigonometry – Syllabus

Ruben S. Ayala High School, Chino Hills

Ms. Kadlac, Room H128, 2019-2020

Hello and welcome to my class! This is an exciting time in your education when most of you are preparing to say farewell to high school and take the next step into your future. I am glad to get to be a part of your year and hope to help make it a successful and happy one!

**Units of Study** – This class will follow the California common core standards for precalculus. My goal is to prepare you for college or real-world math while making precalculus interesting, interactive, and relevant to you. I also intend on making this class accessible to everyone, even if you do not consider yourself a “math person.” The class will be discussion-oriented with a group format and we will focus on numeracy while building our skills in the topic below.

Unit 1: Rational Functions (Blitzer Chapter 2)

Unit 2: Trigonometric Functions (Blitzer Chapter 4)

Unit 3: Analytic Trigonometry (Blitzer Chapters 5 & part of 6)

Unit 4: Curves: Rectangular, Parametric, and Polar (Blitzer Chapter 9)

Unit 5: Complex Numbers (Blitzer 2.1 and 6.5)

Unit 6: Vectors (Blitzer 6.6 & 6.7)

Unit 7: Matrices (Blitzer Chapter 8)

\*The text we are using is Blitzer *Precalculus*.

**Classroom Rules and Policies** – These exist for the purposes of preserving a distraction-free learning environment and promoting personal responsibility.

- No phones, headphones, ear buds or other personal electronic devices may be used during class. Phones must be turned off (not in vibrate mode). You need to keep it put away out of sight or stored in the class cell phone caddy.
- There is a phone charging station in the classroom which you are welcome to use, but you must plug in your phone BEFORE the tardy bell rings and you cannot retrieve it until the end of class.
- No gum, food, or drinks allowed in the classroom.
- No hats, beanies, or hoods may be worn during class.
- Late work is only accepted for partial credit. For excused absences, you will have one day for every day you were absent to complete work you missed. You are responsible for finding out what work you missed and getting notes either from my website or a classmate.
- You must buy a TI-83/84 graphing calculator (or check one out from the library) and bring it to class daily.
- Be prepared to collaborate and participate actively in class. You are expected to contribute to class discussions and be a productive member of your group.
- You must get your school planner signed to use the restroom. Do not interrupt instruction to ask to use the restroom.

- Take care of personal business during passing period and before or after school. Please do not ask to go to the office or other classrooms during class.
- Be on time. You will be marked tardy if you arrive to class after the tardy bell rings. Excessive tardies will result in a referral to discipline.
- Stay seated until the bell rings. Do not pack up early as it is disruptive to other students. We will try to use all the time available each class period for instruction, discussion, and practice.

**Academic Honesty** – Any form of cheating, including but not limited to plagiarism and talking during an exam, will have serious consequences. These consequences can include losing class points, which can have a significant negative impact on your grade, and academic referral.

**Supplies Needed** – Students will be expected to bring to class daily:

Graphing calculator (TI-83), graph-ruled notebook or composition book, folder with graph paper and lined paper, lined paper, pencils, erasers, highlighters, colored pens or pencils, a ruler, and a positive attitude.

**Tutoring/Extra Help/Study Group** – I will be offering one hour per week exclusively for Precalculus on Tuesdays after school from 2:30 to 3:30 pm in room H128.

**Grading Policy** – The grade for this course will be based 70% upon assessments (tests & quizzes) and 30% upon assignments (homework, classwork, notebook, projects).

### Grading Scale

- A 90% to 100%
- B 80% to 89%
- C 70% to 79%
- D 60% to 69%
- F Below 60%

**Homework** – I would like students to adopt a specific routine for homework consisting of the following:

1. Interact with class notes (reread, revise, write questions, annotate, and summarize)
2. Research any topics or ideas you want more information on.
3. Do a small problem set. Copy down directions for each problem and show all work.

\*The homework problems will not be collected. They are to be done in the notebook and completion will be checked on Fridays and given a stamp. Class time will not be used to “go over” homework, but students are welcome to answer questions in class at an appropriate time if they get stuck. Solutions to homework problems will be posted so that students may self-grade to check for accuracy.

**Contact Information** – Parents, please do not hesitate to email me and I will try to respond within 24 hours. My email address is meredith\_kadlac@chino.k12.ca.us. I will also be posting a website which can be found by going to the Ayala High School website and searching for my last name under classes (coming soon!).