**PAP Pre-Calculus Mr. Vannoy Room D201**

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**Mr. Vannoy’s Syllabus**

**\*\*\*Virtual Learning During COVID-19\*\*\***

Parents and Students,

We live in very uncertain times, and there have been and still will be some uncertainty about what comes next. I want to assure you, regardless of any unforeseeable changes, my classroom will operate almost completely the same whether you’re in person or online. However, for the beginning of this year, here are some new things that you may not have done before with virtual learning.

1. The first 3 weeks will be a period of “figuring it out.” If links don’t work, uploading assignments fails, or any other type of issue arises as a result of technology, I assure you it will be handled as quickly as possible and there will not be consequences. We are here to make sure the beginning of online instruction goes as smoothly as possible. Please do not hesitate to send me an email with any and all issues and I will do my best to help at my soonest availability.
2. Expect to be uploading basically everything to canvas. If the work is to be done in class, students will receive time at the end of the virtual learning period to upload any notes, quizzes, or worksheets. Homework will be due at MIDNIGHT the same night. You WILL NOT be able to upload homework right before class starts. This is to prevent you from trying to do my homework in someone else’s class.
3. My virtual classroom rules follow the same rules that are listed below (within reason), but with these additions:
	1. Students must stay logged onto the virtual meeting for the ENTIRE time of the meeting period. There is no excuse to leave early, plus you cannot log in to the meeting more than once.
	2. Students will keep themselves on mute with their video ON unless given permission to ask a question. I should be able to see your face, as you will be able to see mine unless I am using the whiteboard function for the lesson.
	3. Students will be prepared to take notes with the day’s notes PRINTED out. If a student does not have access to a printer, the student may take notes on notebook paper while viewing the PDF on a laptop or phone. The student will keep all of their completed notes in a folder.*\*Keep in mind that if you only have one device, you will be using it for virtual learning and will need to either borrow someone’s device or find a printer for the lesson notes. \**
	4. From the student Code of Conduct, “A student shall not use a telecommunications device, including a cellular telephone, or other electronic device in violation of district and campus rules.” It is a Campus rule that students should not use a cell phone during instruction. This rule remains the same and will be strictly enforced. During any online testing, you will need to put your phone in the camera frame so that is visible to me and out of your immediate reach.

**\*\*\*NOTE: THIS COURSE IS NOT:\*\*\***

**Self-Paced**

**Easier than face to face**

**Independent study**

**Course Description**

Pre-AP Pre-Calculus is a continuation of Algebra II and is designed with various goals in mind. It is a rigorous course, which will challenge students to move from the concrete to the abstract realm. Students will develop critical thinking skills and will be required to use acquired knowledge in applied circumstances. Skills from Algebra I, Geometry, and Algebra II are necessary. **Attending tutorials on a regular basis will help if there are weaknesses in these areas.** Students should strive to be proficient in Pre-Calculus with AND without a calculator, more so than in previous math courses**.** This expectation is to help prepare students for Calculus, the AP Calculus exam, and future college classes.

**Students are expected to:**

* Read mathematical problems actively and critically.
* Write effective solutions to problems and projects
* Present solutions to problems effectively
* Use a variety of appropriate resources including the computer and calculator to solve mathematical problems
* Employ multiple critical and creative thinking strategies in reasoning and problem solving
* Demonstrate a knowledge and appreciation of how mathematics can be used outside the mathematics classroom

**Topics Include**

* Functions and Their Graphs
* Polynomial and Rational Functions
* Composition and Inverses of Functions
* Exponential and Logarithmic Functions
* Sequences, Series, and Binomial Expansion
* Introduction to Trigonometry
* Analytical Trigonometry
* Triangle Trigonometry
* Vectors
* Parametric Equations
* Polar Equations
* Conic Sections

**General Classroom Behavior**

* You are expected to respect and value yourself, your school environment and the diversity of the SFHS community.
* You are expected to contribute to classes and work cooperatively whenever the situation requires.
* You are expected to come to class prepared and you are responsible for all missing work.
* You are expected not to talk while I am speaking or interrupt while other people are speaking.
* You may use the bathroom only during personal work time.
* No eating or drinking in the classroom. If you have a water bottle, you may sip water as long as it does not become a distraction.
* Cell phones must be put away during instruction. Students are allowed one warning before the phone is take up by me until the end of class. On a 3rd infraction, the phone will be taken up and sent to the office with a $15.00 retrieval fee, per school policy.

*\*Consequences for not adhering to the class rules can include a warning, student/teacher conference, parent/student/teacher conference, and/or a written referral and conference with an assistant principal.*

**SFHS Grading Policy**

 Santa Fe ISD grading policy states major grades must count 60% and daily grades are to count 10%. Major grades consist of tests and projects. Daily grades consist of homework and classwork. Quizzes are 30%. There will be a minimum of three major grades and eight daily grades per nine weeks.

**Tutorials**

 For many students, tutorials are an integral part to being successful in Pre-Calculus. Tutoring is available after school Tuesday and Thursday until 3:30. Additional tutoring can be arranged by appointment.

**Homework and Retakes**

Students will be assigned homework. Late work will receive a maximum grade of 75.

Retake tests are offered to students who make below a 70 on their exam. Pre-AP students are allowed one retake per 9 weeks. The student must come in for tutorials and correct the failed exam. They will only be eligible for a retake with a maximum grade of 70 **after** corrections have been completed. *The retake must be completed before the next exam.*

Student may correct any test and will receive 10 points on the test with a maximum grade of 70.

 **Supply List**

* Lined paper, Graph paper, pencil, eraser
* NOTEBOOK PAPER or composition notebooks. NO metal binders or spiral notebooks. Paper or plastic folder WITHOUT brads in the middle.

Students are encouraged but not required to purchase a graphing calculator. If you purchase your own, I recommend TI-84+

***I’m looking forward to a great year with each one of you!!!***