

Jurupa Valley High School

Honors Pre-Calculus Summer Assignment

Honors Pre-Calculus is a college preparatory course. While this course is not an “AP” course, an extra unit is earned on your GPA. (An A is worth 5 instead of 4, a B is 4 instead of 3, etc). You will explore topics in both Pre-Calculus and the first half of Calculus AB (A-topics). This class is designed for the student who plans on taking AP Calculus BC and/or completing higher level math classes in college.

The Summer Assignment: Students need a strong foundation to be ready for the rigorous work required throughout the year. Completing the summer assignments should prepare you for the material to be taught in the course. Summer work is comprised of both online and paper/pencil assignments. The material covers topics from Honors Algebra 2. Students should anticipate working approximately 8-12 hours to complete it properly.

Calculators: Students enrolled in Honors Pre-Calculus will be using a graphing calculator throughout the course. A graphing calculator is required on the AP test next year, so you might want to invest in one early. A list of acceptable calculators is available on the AP website. When you return to JVHS, students may borrow a TI-84 Plus Calculator from the library to check out for the year. If a calculator is not possible to purchase, simply use graphing calculator tools online (like Desmos) for the time being or download a graphing calculator app on your mobile device.

What you, as the student, are responsible for this summer:

1. Sign up for Ms. Etnyre’s Honors Pre-Calculus Google Classroom (DO THIS EARLY!):
Class Code: jr7gdgn
If you need assistance signing up go on YouTube to find a “How To” video.
2. Sign up for Ms. Etnyre’s Remind. (You need to download the app on your chromebook or phone)
(If you are unfamiliar with Remind, it is an app that allows us to text each other in a safe way /i.e. you don’t know my phone number and I don’t know yours). To join the class either download the app and enter the code @79hhc7 or text the class code to 81010.
3. Post a “Getting to Know you” Post on Google Classroom. Please include the following:
 - a. Name
 - b. Age & Grade
 - c. Favorite Subject
 - d. Something you hope to achieve this upcoming year personally and in my class
 - e. Something Interesting about yourself
4. Study the entirety of the unit circle. There will likely be a quiz the first week of school ensuring you remember it. You will be quizzed on this periodically throughout the school year so this resource is good to keep close by!
Go to <http://www.mathwarehouse.com/unit-circle/unit-circle-game.php> to quiz yourself and how quickly you can fill it in.
5. Complete all Book Assignments: (List of assignments in the textbook are found on the back of this page)
*Please note: All book assignments *need* to have **complete work shown** with the assignment listed at the top. If you simply write the answer to the problem, you are not helping you or myself understand the thought process behind each problem.

Book: Pre-Calculus with Limits: A Graphing Approach.

Cornell Notes Template:

Chapter 1: Functions

- Read Section 1.1 and take Cornell notes then complete: p.94-96 #41-42, 59-76odd, 84,85
- Read Section 1.2 and take Cornell notes then complete: p.107 #37-45even, 51-56all
- Read Section 1.3 and take Cornell notes then complete: p.117 #13-47odd, 61-65odd
- Read Section 1.4 and take Cornell notes then complete: p.126-130 #5-24eoo, 35-44eoo, 49-56odd, 71, 73
- Read Section 1.5 and take Cornell notes then complete: p.139 #5-19odd

Cornell Notes		Topic/Objective	Name
X AVID		Class/Period	Date
Essential Questions			
Questions		Notes	
Summary			

All Cornell Notes can be taken on regular Notebook paper, no need to print anything

Grading and the First Week of School

- Each assignment is worth 10 points. (I will collect both notes and homework. Throughout the year I will only check homework, not notes).
- Assignments are due the FIRST day back to school: August 8, 2017.
- During the first week of school students WILL complete a summer work test that will count as a test grade.

Get help!

-If you reach a point in the summer work where you need additional assistance, please go on Youtube and search Khan Academy videos on the topic in each section. I guarantee they will help you immensely. Also, you can post a topic in Google Classroom and ask for help from your classmates; odds are someone remembers the topic! The last resort is to email me. I will be out of the country and state of California for the majority of the summer so my replies will not be quick.

Have a wonderful summer and I look forward to a great year with all of you!

Math is life!

Ms. Rebecca Etnyre

JVHS Math Teacher

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