AP Calculus BC Summer Work 2021-2022

Welcome! You are about to participate in the wonderful world of AP Calculus BC! The following instructions will help guide you through your assigned summer work.

Pre-requisites: A mastery of the concepts learned in AP Calculus AB is expected: limits, derivatives, integrals, and all of their applications. If you need further assistance with these topics, you may use resources (teacher office hours, video notes on google classroom, textbook, Khan Academy, College Board AP Classroom, youtube, peers, etc.).

Process: Join our google classroom using the following code: **r7mpu4j**. YOU MUST JOIN OUR GOOGLE CLASSROOM BY FRIDAY, JUNE 18th. Starting on Monday, June 21st, a review assignment will be posted on google classroom, and the assignment will be due on Friday of the same week. Assignments will continue to be posted every Monday (or almost every Monday). Video notes from AP Calculus AB are also posted should you need to review.

Office Hours: I will be available for questions via google meet every Thursday from 11am – 2pm (https://meet.google.com/tzq-nfaa-wfm). The link for our google meet is on google classroom under the "Classwork" tab. I will post on google classroom if my office hours change. If you have a question outside of office hours, email me at ababiasz@charterarts.org and I will respond when I can.

Grading: You will have a total of 9 assignments during the summer, which include 6 homework assignments and 3 quizzes. All assignments and quizzes will be in powerschool during the first week of school.

First 2-3 Weeks of School: During our first 2-3 weeks of school, we will do the following

- Review the course syllabus
- Have two classes of review for the summer topics
- Have an in-class test on all summer topics
- Review the unit circle and trigonometric equations
- Have an in-class quiz on the unit circle and trigonometric equations

Reminder: It is expected that you know the unit circle by heart or that you can create it when being asked to do so (coordinates, radians, degrees). It is also expected that you have memorized the trigonometric identities (reciprocal and Pythagorean).

Have a great summer!

- Mr. Babiasz