

AP Calculus

Summer (P)review Work

Dear Prospective AP Calculus Student,

I'm very excited to begin another year of AP Calculus with you in class! While we will not have a summer review "packet" like other advanced math classes, we do have some summer preview/review work. According to Jaime Escalante's character in the movie Stand and Deliver, "We don't have to make calculus easy, it already is!" I believe there is a degree of truth to that statement, but what I often see is that students have a great grasp on the calculus but struggle to work through the requisite algebra and trigonometry skills needed to do the calculus that they truly do understand.

So, what I'm asking is simple... I have created a course on the Khan Academy website at www.khanacademy.org. You will sign up and register for my class using the instructions on the back of this sheet. Khan Academy is a great resource to not only review old skills, but also to learn new ones. There are both videos for instruction and problems to try which will be immediately scored. Throughout the next year you can continue to use Khan Academy to help with your understanding of calculus.

The website utilizes "missions" for classes and I have chosen our current mission to be Algebra II. What I have done is assigned 47 "modules" in that mission for you to complete. Don't be alarmed by that number. Those modules include short videos, exercises, and short quizzes. Some of them will take only a few minutes, so I anticipate the total of time invested to be just a few hours total. However, if you get carried away and decide to spend much more time on topics in the mission, then good for you! If you are not able to complete the work before the start of year or if you find yourself struggling to understand the material after working through it, you should carefully consider your selection of AP Calculus as a senior year course. But please, please, feel free to contact me with any concerns or questions as you work on this material.

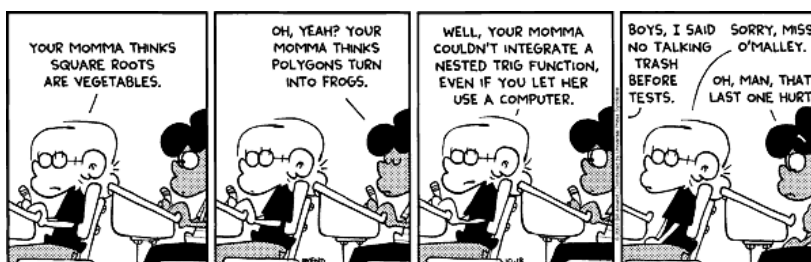
Think of this as a chance for a personalized review and to take ownership of your learning and preparation. You will receive an initial grade for your summer work, and we will briefly discuss this work at the beginning of next year, but the point is not to belabor the old; we should be ready to hit the ground running with some calculus at the end of August!

Have an awesome summer and get in touch if you have any questions!

Sincerely,

Mr. Rachor

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How to join your teacher's Khan Academy class

1. Sign up at **khanacademy.org**
(or log in if you already have an account).
2. Visit **khanacademy.org/coaches**
(the "Coaches" tab in your profile).
3. In the "Add a coach" field, enter the class code.

Class code: WUF5Q2

4. You're set. Now click **Home** to start learning!