

## AP Calculus Summer Assignment and Supplies for next year

Welcome to the beginning of your AP Calculus journey!

We will be utilizing Google Classroom for everything related to your Summer Assignment. Please go to Google Classroom and join using the following code: **qvvs5d3**. This will be what we use next year for class as well. You may also see an email from me inviting you to join the class.

I am not opening the assignments until July 20th because what I am having you do will be some review from Honors Precalculus. I do not want you to start on this in June and then forget it all by the time classes start in August.

In the “Classwork” Tab, you will see “Summer Work/Unit 1” at the top. There will be a link to the entire packet (in case you misplace yours). Everything should be done in the order you see it on Google Classroom. You will watch a video and take notes, then complete and upload the assignment. I will turn answers on for each assignment (posted under “Answers–Summer Work/Unit 1) at the end of a week and only for those who have completed the assignments. Please correct your work in RED PEN and then upload the corrected assignment to Google Classroom. It is in your best interest to do what is assigned and not get answers from another student. You will need to know this material for your Summer Work Quiz which will occur before Labor Day.

As mentioned above, we will have a quiz over this material within the first week of school. A specific date will be given once I know which Carrier we are meeting. If at any time you have questions, please email me at [colettewermuth@grcatholiccentral.org](mailto:colettewermuth@grcatholiccentral.org). I will do my best to answers any emails as quickly as possible.

This class WILL be difficult. It WILL be challenging. You WILL need to put in extra time to learn and master content. The good news: YOU CAN DO THIS! The pass rate for AP Calculus at CC is higher than both the state and national averages.

I am here to support you in any way that I can because I want you to succeed.

Please see the list below for supplies you will need for next year.

- |   |  |
|---|--|
| *Mechanical Pencil (\$0.25 if you need to purchase one) | *Graphing calculator (TI-83/84; TI-89 not permitted) |
| *Red pen  | *Box of Kleenex                                      |
| *3 ring binder with sections for separating units       | *Earbuds/Headphones                                  |

## **Advice from 25-26 AP Calc Students:**

Stay locked in

Maintain a good attitude and know that you can learn the material no matter how hard it may look.

Keep up with the material otherwise you may fall behind.

Make sure you do the PPCs because it's an easy grade that helps with understanding and provides practice for the test.

Get help the second you don't understand something. The daily videos and Khan Academy are a great tool to help study for tests and quizzes.

Study a lot, more than you would for any other math class (especially the second semester).

Always make time to do your homework to the best of your ability, go to office hours if you are confused.

Advice I would give to students taking this class next year is to pay attention during the lessons and to make sure to ask questions when you need help

Actually do the homework, it will help you figure out what you actually understand and don't understand so you can prepare for tests, listen and write things down as you hear them because not everything is directly in the notes and it can be useful

Make sure to focus on understanding stuff at a conceptual level rather than just learning how to do the problems. Engage in class and ask questions.

Pay attention in class, ask questions if you don't understand something, etc. Make sure you stay awake and finish the PPCs.

Do the homework

2nd semester is a lot harder than 1st

Go into focus to ask questions

Do your work with full attention and ask for help if needed

Just to stay on top of things and your work.

Always take notes and do the homework, doing those will make studying easier or unnecessary

It's just another math class. You have to study with practice problems above all else.

Spend time studying each lesson right after you learn it and do the homework  
Do ALL of your homework and always go over things before your test

Practice problems religiously and practice justifications too

Always ask questions when you need help, don't wait

Study for the test throughout the unit when you learn a new section

To pay attention to details on tests and get help in focus or before or after school if you need it.

Do not lose patience and motivation

Write out the formulas for integrals, derivatives, and anything else on a separate paper to help with memorization.

Do your homework and you will be set.

Study a lot for unit 8 and don't fall behind

I would ask for help earlier because everything starts to build off of the previous lesson. I also would warn them that you are probably going to get the worst test grade of math career and that is okay.

Don't slack off, but if you do this class has really good video notes so it's relatively easy to catch up and review work you didn't understand/missed. Along with this, staying on track for the lesson the next day is essential to your success, and as the units create a foundation for other lessons, if you miss one you likely won't understand the lesson.

There are always test corrections. Also do the homework, not copy or chat gpt because that's how you know what you need to work on and if you actually need to study or not. Either do the homework now or spend time copying it AND have to study outside of class.

**If you could go back and do anything in this class differently, what would it be?**

Pay really close attention to detail on tests

I would have taken more time outside of class with Mrs. Wermuth to get extra help.

Not to fall behind on any knowledge

I maybe would have put more consistent review time in for the AP exam, but I feel like I handled the class well.

Instead of just looking over my notes, I should have done more problems and redone homework problems when I got them wrong to study for a test.

I would have started doing practice problems before tests much sooner, because they helped a lot in the end.

I would've put more of an emphasis on daily learning. This class is not one where you can cram a bunch of information at once, daily learning is far superior.

I would have used the AP daily notes more when I was confused about a lesson or topic

I would have studied more in depth instead of just looking back at notes

I would make cheat sheets for each unit so I have them for the final to review

Done all of the PPCs.

Actually try to get the homework problems right and pay attention more

Know the general rules for derivation and integration deeper

Study more

Study for unit 5 more

Review a bit more for a few tests

Not really anything

I would have done the ppcs more

Given more effort and attention in class.

Studied for tests days in advance.

Don't rely on test corrections as much

I would have reviewed after each and every unit on my own, and stuck with my 'toolkit' which I built during the first semester and virtually abandoned in the second.

Put in more effort and review the material more

Study for tests earlier

I would have studied for unit 2 cause I didn't study cause the content was pretty easy and I didn't do well on it

I would pay more attention in class

I would have done more of the circuit pages and asked for help when I got stuck instead of not completing it

Pay more attention in class.

Study more for unit 8 and come in for help more often

I would not have tried to be more open and not think it's so hard that I can not get through it. I would also try and spend more time on my homework

uhm not sleep probably, but the video notes were my saving grace so it was kind of alright being able to catch up

Actually study if I didn't understand it.