

## Advice from Students, Spring 2019

- Make sure to study material right away and work hard. It is a hard class.
- Whenever it comes time to start implementing trig into calculus, START PAYING ATTENTION (Both for substitutions and for series).
- Read the textbook. Do the homeworks (Don't use Chegg or Symbolab!). Make sure you understand the concepts.
- Take good notes that are quick to reference.
- Memorize trigonometry, especially the unit circle, and be strong with derivatives.
- This class is very difficult, but just try your hardest and make sure you get extra help if needed. You can do it!
- I know it's tempting, but don't use Chegg / Google answers to the hw. If you do the hw yourself you will understand it better + do better on exams.
- The exams are tough. Study as much as you can for them.
- Do your best to not take it three times!
- Do the homework. It may not be worth a huge amount of your grade but it helps you understand the concepts so you can do well on the exam.
- Even though it is tempting, do not use an online convergence calculator. You will regret not actually knowing how to do it.

- Study a lot for exams, just cause you did well on the first one doesn't mean you'll do well on the next one. Alden is a good TA ask a lot of questions. Watch the lectures.
- Pay close attention in class & take thorough notes.
- Make sure to occasionally look at Calc 1 problem and earlier material in Calc 2; you'll tend to forget it if you don't use it.
- Really participate. It's cliché but calc 2 takes practice and it's much easier to do with other people in the same boat. It's impossible to do well in calc 2 by just showing up and sitting on your phone. Plus the more practice you do consistently the less you have to study for exams.
- If you're doing Impact, make sure to actually write notes for each lecture video. Study more than 2 days before an exam.
- Really study the practice exams.
- Accept you're going to suffer but study anyways.
- Doing all the homework + past exams for review for the exam is not enough. Read the book.
- Spend time working through examples so that you both understand the way formulas are related to concepts and so you are familiar with various different applications that could show up on an exam.
- Make sure you review integrals from calc 1 before taking the class.

- Don't procrastinate, although it's obvious don't once you fall behind it's hard to catch up. Prepare mentally, hardest part of this course for me isn't the math, it's the mentality to cope with this course's exhausting and tedious nature. If you don't prepare your mindset, you'll lose motivation like I did.
- Ensure that you master solving integrals because they are integral to the class's curriculum.
- It is a hard class calc 1 is not difficult compared to calc 2. Try taking calc 2 in highschool or somewhere else. If you do take it here go to SI sessions + take practice tests and if you still fail get back up again the fail on calc 2 test does not define you.
- Do homeworks, watch lecture. Do as much as practice if you have. Most important thing, remember the exam is super hard. Keep your confidence up!
- My biggest piece of advice for a student starting calculus 2 is to not neglect the homework and not do it at the last second. I would recommend trying to do each homework as soon after each lecture as possible, so the material is still fresh in your mind. I would also recommend taking as many practice exams as possible before an exam.
- I would tell them to go get help when they don't understand something instead of trying to work it out themselves before so be patient, and watch a lot of Youtube videos!