

Instructor Information

- ▶ Instructor Name: Andrew Yang
- ▶ Email: Andrew.C.Yang at dartmouth.edu
- ▶ Office Hours: Tuesday, Thursday 12:30pm - 2:00pm
- ▶ Office: Kemeny 316

Class Information

- ▶ Webpage: www.math.dartmouth.edu/~m8f10. This site is very important!
- ▶ Book: *Calculus*, 6th edition, by James Stewart
- ▶ X-hour: Tuesday, 1:00pm - 1:50pm. We will usually only use this for optional classes, like exam reviews.
- ▶ Tutorials: Sunday, Tuesday, Thursday 7pm - 9pm, Location TBA

Homework Assignments

- ▶ Two types: Webwork and written
- ▶ Webwork: A computer-based homework system. You should have received an email with information about this.
- ▶ Written: A more conventional homework assignment. We assign problems from the textbook on a weekly basis, and you write down solutions and then hand them in. Homework assignments will be released on the course webpage.
- ▶ If you do not have a Webwork login or cannot login, please email me immediately! You should include your student ID in your email.

Grading

- ▶ A somewhat unusual system.
- ▶ Let H , $M1$, $M2$, F be your homework, two midterms, and final score, respectively. These are each out of 100.
- ▶ If F is the lowest of your four scores, your final raw score is $H + M1 + M2 + F$.
- ▶ If F is not the lowest of your four scores, your lowest score is dropped and F counts double.
- ▶ Grades are curved; this is (almost certainly) easier than the high school standard 90% = A, 80% = B, etc. (However, exam problems in college are usually harder than high school!)

Getting Help

- ▶ Office hours (to speak to me)
- ▶ Tutorial sessions (other students, graduate student TAs)
- ▶ Tutor Clearinghouse (may need to pay money) for individual tutoring from upperclassmen

Advice – feel free to ignore any of this as you see fit!

- ▶ Most important: Keep up with the class! Falling behind is a recipe for disaster.
- ▶ Do lots of problems. Solving problems is how we grade you, and how you know you actually understand math.
- ▶ As a corollary to the above, understand the solutions to problems you solve. Getting help from friends is one thing, but actually knowing how to do a problem yourself is another. Remember, you can't get help during tests!
- ▶ If you want to really understand math, you should not only do problems, but also **listen** to math (attend lecture or listen to friends talk about problems), **discuss** math (explain solutions to friends, etc.), and **read** the textbook.

Advice, part 2 – feel free to ignore any of this as you see fit!

- ▶ Browse the section of the textbook which will be covered in a class before attending the class. You don't need to understand everything, but getting an idea for the general flavor of the material will help your comprehension during lecture.
- ▶ Skipping lecture might seem attractive (you aren't required to attend, and it doesn't impact your grade), but you really shouldn't unless you are confident you can understand everything on your own.
- ▶ Don't expect to understand everything completely at once. Repeated exposure to the same material several times will reinforce your understanding.

Advice, part 3 – feel free to ignore any of this as you see fit!

- ▶ If you start falling behind, seek help immediately. Remember, falling behind in the class is not good!
- ▶ Take the time to understand your mistakes. Take care to see what you did wrong on your homework assignments, why you got a question wrong, and how you'll get it right next time.
- ▶ Don't lose the forest for the trees. Yes, it's important to remember theorems, formulas, etc., but it's just as important to have good problem-solving strategies and understand how everything fits together.
- ▶ Try to do a little bit of math everyday. Studying spread out over weeks is better than waiting until the last minute. And it's a lot less stressful!