

Math 1171: Calculus I  
Fall 2021  
TF 2:00-3:15, W 3:00-3:50, NHS 224

**Instructor** Chris Staecker  
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Phone: x3323  
Office Hours: TF 11:30-12:30, 1:30-2, W 12-1 or by appointment  
Office hours are in BNW GR-16, or by zoom: <https://fairfield.zoom.us/j/5514910533>

**Course Website** Follow links from <http://faculty.fairfield.edu/cstaecker>

**Textbook** Stewart *Calculus*, 9th edition.

**Final Exam** Friday December 17, 3PM

### **Wear your masks during class!**

It's a pandeezy. Also please get the vaccine if you can.

### **Course Content**

This is our most rigorous first-year calculus sequence. However, students are not expected to have had calculus before taking this course. Topics include functions; limits (including the epsilon-delta definition), continuity, and derivatives; trigonometric functions and their derivatives; applications; relative and absolute extrema, and curve sketching; related rates; Rolle's Theorem and the mean value theorem; antiderivatives, definite integrals and area, and the fundamental theorem of calculus. It is recommended that students not enroll in this course unless they have a solid background in high school algebra and precalculus.

### **Homework**

Homework will be assigned each week. Assignments will be excerpts from the textbook exercises, and will be posted at the course website. Students are encouraged to work together on assignments, but each must hand in their own papers.

Homework is due each Wednesday. The homework does not need to be submitted during the class meeting, any time before midnight on the due date is acceptable. Assignments are at the class website. All assignments will be submitted online through Gradescope.

Late homeworks without excuse will lose  $1/3$  credit for each calendar day.

### **Quizzes**

At the beginning of each class on Friday, a short quiz will be given, covering that week's material. Quiz questions are meant to be similar to the easier textbook questions. Missed quizzes will only be excused with good reasons.

Students will not use calculators or any other electronic gadgetry during quizzes.

## Exams

There will be 2 midterm exams, during regularly scheduled class time on October 15 and November 19. Exam makeups or rescheduling will be permitted only in extreme circumstances.

Students will not use calculators or any other electronic gadgetry during exams.

The three midterm exams will be weighted equally in your course grade, with the final exam weighted double. The final exam will be cumulative, but the midterm exams will not be.

## Online submission

No assignments, quizzes, or tests will be submitted on paper. All work will be submitted online at Gradescope.com. Students will take phone pictures of their work and submit it to Gradescope.

## Office hours

The Professor regards visits to office hours as part of the instruction for this course. Responsible students in this course are expected to visit the Professor occasionally for help with homework and other class material. Class assignments are meant to stretch the abilities of the students, and the Professor expects even the best students to benefit from individual discussion. Students are encouraged to come in small groups if they don't want to come alone.

## Extra credit

The Professor will not entertain requests for extra credit work. Students whose grades have fallen late in the term because of lack of effort or discipline early in the term are especially discouraged from asking for extra credit. Any such requests will be denied with extreme prejudice.

## Grading: Choose your own ratios

Your course grade will be inspired by an average, with the lowest quiz and homework scores dropped. The grading is in three categories, and each student will choose their own ratios for the grades.

Homework	??%
Quizzes	??%
Exams	??%

Sometime on or before September 22, each student must email the professor with their preferred grade ratios. Choose a percentage for each category. The rules are:

- The three percentages must add to 100%
- Each of the three categories must be in the range of 20% – 60%
- You can't change your mind later!

If you never notify me, you will default to exactly 33% for each category.

## Counseling services

Fairfield University provides mental health services to support the academic and personal success and well-being of students. Counseling & Psychological Services offers confidential psychological services to help students manage personal challenges that may interfere with your well-being. Counseling & Psychological Services is free for full-time undergraduate students.

For help, contact Counseling and Psychological Services at (203) 254-4000 ext 2146.