Math 101: Calculus I	Fall 2019, CRN 13510

Instructor: Sarah Frei	**Office Hours**:
Office: 426 Herman Brown Hall (HBH)	M 3-4pm, W 9:30-10:30am,
Email: sarah.frei@rice.edu	F 1-2pm,
Class Meetings: 2 - 2:50pm, MWF, 427 HBH	or by appointment

Textbook: *Calculus, Volume 1*, OpenStax. This book is freely available online, but is not required for the course.

Learning Outcomes: A successful student in this course should be able to:

- model and solve a wide class of optimization problems that are accessible to differential calculus
- model and solve a wide class of problems that can be answered by calculating an appropriate integral

Much of the other material covered in this course is necessary to meet these two objectives.

Weekly homework problems, quiz questions, and problems on the midterms and final exam will provide students with opportunities to demonstrate the level of their abilities relative to the above learning outcomes.

More generally, mathematics courses should be viewed as an opportunity to develop and strengthen your problem-solving skills; you will be given numerous opportunities to grapple with complex problems and strategize solutions. These are skills you will certainly need to employ throughout as well as after your time at Rice.

Homework: Weekly homework will be assigned via handouts posted on Canvas (to be done on paper and handed in during class), as well as via the free online homework system WeBWorK. Students should check Canvas and attend class to learn about assignments and due dates, but typically paper homework will be due on Wednesdays, while WeBWorK homework will be due on Mondays. No late homework will be accepted, except in the case of a major emergency. I will drop the lowest-scoring homework assignment.

Webwork Login: You may log in through the button on the main menu of Canvas labeled "Webwork" or through http://webwork.math.rice.edu/webwork2/Math101Fall19Frei/. You will need to sign in with Username: Net ID and Password: Rice student ID number. Login right away and let me know if you have trouble accessing Webwork.

Quizzes and Exams: There will be approximately one quiz each week (except exam weeks), in class on Wednesdays. Each quiz will cover the material discussed in lectures the previous week. I will drop the lowest-scoring quiz.

There will be two midterm exams and a final. These will be common exams, taken with all students in Math 101 this semester.

Midterm 1: **Thursday, October 3rd (week 6), 7-9pm**

Midterm 2: **Wednesday, November 13th (week 12), 7-9pm**

Final exam: To be scheduled by the Registrar's office during finals week, December 11th-18th

If you have a conflict with the midterm dates you must let me know by the end of the first week of class. Otherwise, no excuse other than a documented medical or family emergency will be accepted for missing the exam.

The date for the final exam is set by the Registrars office and is not available at this time. It is the policy of the Mathematics Department that no final may be given early to accommodate student travel plans. If you make travel plans that later turn out to conflict with the scheduled exam, then it is your responsibility to either reschedule your travel plans or take a zero on the final.

Grading: Course grades are weighted according to the following:

Hand-in Homework	8%
WeBWorK Homework	12%
Quizzes	15%
Midterm and Final Exams	20%/20%/25%, 20%/15%/30%, or
	15%/20%/30%, whichever benefits you
	the most[1]

Rice Honor Code: In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at `http://honor.rice.edu/honor-system-handbook/`. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

Collaboration Policies: On the homework, you should work individually on the problems at first. Collaboration and discussion with others is encouraged, but only after you have given the problems a good amount of independent thought. Similarly, I am more than happy to talk with you about the homework, but only provided that you've worked on it some before coming to me.

If you have worked with others on the online homework, you must make sure that you can re-create all of the necessary work to arrive at an answer on your own, before you submit the answer.

On the written homework, please note the names of any collaborators on each problem. Furthermore, the final write-up of the problems should be done by yourself. You should show the steps you took in order to arrive at your answer, and you should understand what you are writing well enough that you need not refer to any writing or notes produced during your collaboration. A good habit to get into is to use colored paper when working with others, and white paper when working alone.

Do not use outside software (including calculator functions that go beyond the normal $+, -, \times, \div$ and exponentiation) unless otherwise specified. Do not seek help from internet sites other than the course page on Canvas. In particular, you will not be allowed to use calculators on quizzes or exams.

Disability Resource Center: If you have a documented disability or other condition that may affect academic performance you should: 1) make sure this documentation is on file with the Disability Resource Center (Allen Center, Room 111 /`adarice@rice.edu` / x5841) to determine the accommodations you need; and 2) talk with me to discuss your accommodation needs.

Sexual Violence: Any student who has experienced sexual assault, relationship or dating violence, stalking, and/or sexual harassment may seek resources and help at safe.rice.edu. If you need immediate assistance, call RUPD/REMS at 713-348-6000. If you need to talk to someone, call 713-348-3311.

As a Responsible Employee, if I learn of sexual or relationship violence and/or harassment, I am required to report it to one of the Title IX coordinators.