

Calculus For Engineers

MATH 1910 - Spring 2024

Textbook: *Calculus, Forth Edition*, by Jon Rogawski, Colin Adams and Robert Franzosa. We will cover sections 5.1-5.7, 6.1-6.5, 7.1-7.5, 7.7, 8.1-8.5, 8.7, 8.8, 9.2, and chapter 11. Check Lecture and Homework Schedule page which will be updated weekly.

Caution: Since homework assignments will be taken from exercises in the printed version of the 4th edition, different editions or formats may not be sufficient.

Instructor: Banafsheh Akbari (MLT 210; email: b.akbari@cornell.edu)

TA: Juliet Aygun (email: ja742@cornell.edu)

Lecture: MWF 9:05 - 9:55 am **Room:** MLT 251

Sections:

- **Dis 201:** T 8:00-8:50 am **Room:** HLS 362
- **Dis 202:** T 9:05-9:55 am **Room:** HLS 362
- **Dis 203:** T 10:10-11:00 am **Room:** HLS 362

Office Hours: Office hours will be posted on Canvas.

Homework: Homework assignments will appear in Course Schedule Section on Canvas every Sunday evening. You must submit your solutions to Gradescope by **Tuesday 10:00 pm** (the next week). Homework solutions will be posted every Tuesday evening after the giving a quiz covering the homework.

Many questions are assigned for homework each week, of which only some need to be written up neatly and turned in. Of those that are turned in for each assignment, only one will be graded. You need to work through all the problems to get ready for the quiz given in discussion section on Tuesday.

There is no make-up for missed deadline for homework. However the lowest two scores will be dropped at the end of the semester.

Quizzes: There will be a quiz each discussion session of about 10 minutes. Quizzes will consist of one homework problem from the list of assigned questions of homework with last night due date. No make-up quizzes will be given. The two lowest quiz scores will be dropped at the end of the semester. (This policy is to account for illnesses, religious holidays, travel, and other unforeseeable circumstances; you should not interpret it as an opportunity to skip two quizzes.)

Note: You must take the quiz in your discussion section.

Exams: We have 2 scheduled evening prelims (Tuesday **March 5**, and Tuesday **April 16**) and an as yet unscheduled final exam.

Grades: The breakdown of the grades by item will be as follows:

- Prelim 1: 20%
- Prelim 2: 20%
- Homework: 10%
- Quiz: 15%
- Final Exam: 35%

Academic integrity: Each student in this course is expected to abide by the Cornell University Code of Academic Integrity. Any work submitted by a student in this course for academic credit will be the student's own work. Academic misconduct of any kind may result in a grade penalty or the assignment of a failing grade.

Accessibility Services: Cornell University is committed to ensuring access to learning opportunities for all students. Student Disability Services (SDS) is the campus office that collaborates with students who have disabilities to provide and/or arrange reasonable accommodations. If you are registered with SDS and have a faculty notification letter dated for this semester, please contact the instructor early in the semester.