

Math 2321
Calculus III

Fall 2019
Dr. Ryan C. Daileda

Course URL: <http://ramanujan.math.trinity.edu/rdaileda/calculus>

Office Hours and Contact Information: Consult the course web page.

e-Textbook: *Calculus, Early Transcendentals* (eighth edition) by James Stewart, available through WebAssign (see below).

WebAssign: Students taking this course are required to enroll in WebAssign, an online instructional system providing access to the e-textbook, online homework assignments, and other resources. To sign up visit <http://webassign.com> and use the class key provided to create your account.

Course Content: Differential and integral calculus of real-valued and vector-valued functions of several variables.

Learning Outcomes: This course fulfills the Quantitative Reasoning requirement of Trinity's Pathways Curriculum. Students who successfully complete this course will demonstrate the ability to: formulate and solve problems in a mathematical framework, communicate their results, and describe the significance and limitations of the quantitative approach.

Homework: Homework assignments will be posted to WebAssign following each lecture and will consist of reading and problem solving. It is highly recommended that you complete the assigned reading before attempting to solve any problems.

All homework is to be completed prior to the beginning of the lecture following when it was assigned. Late homework will not be accepted in the absence of divine intervention or matters of similar weight, and will be penalized as I see fit.

Collaboration on homework assignments is permitted and encouraged, and you are free to consult any individual or source that you find helpful. However, simply copying the work of another is unacceptable. Attempting to pass off the work of others (regardless of the source) as your own will be considered a violation of the honor code.

Exams: There will be three midterm exams during the semester as well as a cumulative final exam. The dates and times for the exams are as follows:

First Midterm Exam	Wednesday, September 18, 7:00 - 9:00 PM
Second Midterm Exam	Wednesday, October 23, 7:00 - 9:00 PM
Third Midterm Exam	Monday, November 25, 7:00 - 9:00 PM
Final Exam	Wednesday, December 11, 3:30 - 6:30 PM

If you have a legitimate conflict with these exam times, please contact me as soon as possible. Please do not wait until shortly before the exam. Be aware that the final exam will not be given early.

No assistance of any kind is allowed on exams. This means that the use of books, notes, calculators, computers, cell phones, etc. will not be permitted during exams. The only things you need to bring with you to any exam are a pencil, an eraser and a positive attitude.

Use of Previous Exams: Students are permitted to obtain copies of exams given in previous semesters. However, these exams should not be used to judge the content or difficulty of the exams that will be given in this course.

Grades: Your overall score in the course will be based upon your scores on the homework, midterm exams, and the final exam. Each of these will be weighted as follows:

Homework	1/6
Midterm Exams (3)	1/6 (each)
Final Exam	1/3

So you can gauge your performance throughout the semester, a score distribution will be posted online following each exam.

Attendance: Attendance is highly encouraged but is not mandatory. Roll will not be taken, but excessive absences should be explained to me.

Calculators: You should feel free to use a calculator while completing homework assignments. However, the use of calculators will not be allowed during exams.

Outside Help: The Math Department sponsors free weekly calculus help sessions, usually beginning the second week of the semester, and also maintains a list of peer tutors. Additional information will be posted on the course web page as it becomes available.

Academic Integrity: All students are covered by the Trinity University Honor Code which prohibits dishonesty in academic work. Under the Honor Code, a faculty member will (or a student may) report an alleged violation to the Academic Honor Council. It is the task of the Council to investigate, adjudicate, and assign a punishment within certain guidelines if a violation has been verified. Students are required to pledge all written work that is submitted for a grade: “On my honor, I have neither given nor received any unauthorized assistance on this work” and their signature. The pledge may be abbreviated “pledged” with a signature.

The specifics of the Honor Code, its underlying philosophy, and the norms for sanctioning can all be found on the Academic Honor Council website, accessed through the Trinity Homepage:

<https://inside.trinity.edu/academics/academic-honor-code>

Special Needs: If you have a documented disability and will need accommodations in this class, please speak with me privately early in the semester so I may be prepared to meet your needs. If you have not already registered with Student Accessibility Services, contact the office at 999-7411 or SAS@trinity.edu. You must be registered with SAS before I can provide accommodations.

Academic Support Resources: Trinity faculty hold students to the highest academic standards, but we also know that the very best students seek out help when necessary. You can learn more at Trinity’s Academic Support Homepage:

<https://inside.trinity.edu/student-success/academic-support>