

Math 149 – Calculus I – Fall 2020

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Text: *Calculus, Eighth Edition* by Larson, Hosteler and Edwards

Catalog Description: Limits, continuity, and differentiation of algebraic functions of one variable. Applications to curve sketching, optimization, and rates of change. The definite integral applied to finding the area under a curve.

Course Objectives: The student will develop an appreciation of the power of calculus to help understand the world, as well as the aesthetic of the subject itself. She will sharpen her computational and reasoning skills and develop facility with the use of a computer algebra system.

Help: As we are online this semester, it is more important than ever that you ask questions. When you have a question, please speak up so that I can hear you. Make sure that you are not muted. I won't be able to watch the screen all the time and I don't want to miss an important question. If you see a classmate needing to ask a question please help bring it to my attention. You can also seek help during office hours.

Randolph College WILL offer tutoring services this semester.

Web Page: Homework assignments, review sheets, and general course information will be posted on my web site:

<http://faculty.randolphcollege.edu/mordower/math149/>

Grading: Your grade will be determined according to the following scheme.

Review Test	Midterm I	Midterm II	Midterm III	Homework	Final Exam
4 %	17%	17 %	17%	20%	25%

Midterms: The tentative dates for the midterm exams are as follows:

Midterm Exam I	-	Friday, October 2
Midterm Exam II	-	Friday, October 23
Midterm Exam III	-	Friday, November 13

Electronics Policy: Because of the unusual circumstances, I will have a radically different electronics policy this semester. You may always use a calculator, though you may not use the calculator to produce a graph. You may use a calculator app on your phone as a calculator, even during exams. You MAY talk to **your classmates** during class on a chat app. You MAY NOT communicate with people not in the class during class, and you may not communicate with anyone except me nor consult with any other resources while you are taking an exam.

Accommodations Randolph College is committed to providing learning experiences that are accessible for all students, and will make reasonable accommodations for individuals with documented disabilities. If you have a learning difference or a disability mental health, medical, or physical impairment please contact Diane Roy, Coordinator of Access Services, in the Academic Services Center, 4th floor, Lipscomb Library; at (434) 947-8132; or at droy@randolphcollege.edu.

Academic Honesty: The honor code protects our academic community and the value of a degree from Randolph College. An instance of cheating not only reflects the perpetrator's failure to complete work honestly, but also damages the reputation of every other student at the College. Please uphold both sides of dual responsibility. Approaching a classmate about suspicion of cheating is never easy, but it is an essential part of the system. If you keep silence in the knowledge that rules have been broken, you are guilty of an honor code violation.

It goes without saying that you should never pass off someone else's work as your own. During midterm and final exams, make certain that your work is unassisted and keep your work confidential. For homework pledge problems, using someone else's solution (whether that solution is from a classmate, a solution manual, or any other source) is prohibited. Past or current copies of final exams are intended to be confidential. If you find that they are not, please report it to me right away. They should never be photographed, recorded or transmitted in any way.

I encourage you to work and study together. It can be an effective way to learn mathematics. The admonition to work alone covers homework pledge problems and exam problems only. Feel free to discuss any other problems from any other sources. If you are not certain whether or not something is allowed, please ask.

Homework is an integral part of this course. Assignments may include practice problems and/or pledge problems. I encourage you to work together on practice problems, and you may seek assistance from any source. Pledge problems must be done alone, but if you are having difficulty with a pledge problem, you may ask me (only me) for help. Only pledge problems will be submitted and graded. Assignments will be collected on the next class day and will be considered late if not submitted by 9 am the following week day. For example, homework assigned on Monday will be due on Wednesday but can still be submitted without penalty until Thursday at 9 am. *You will be penalized for a late assignment.*

Most assignments will be multiple choice. A few assignments will require you to write out your work and show all your steps. Those will be submitted in a Google Drive folder I will share with you.

Tentative Schedule:

Week of	Sections
August 24	Review
August 31	Derive, 1.1
September 7	1.2, 1.3, 1.4
September 14	1.5, 2.1, 2.2
September 21	2.3, 2.4
September 28	2.5, 2.6, Midterm I
October 5	2.6, 3.1, 3.2
October 12	3.3, 3.4, 3.5
October 19	3.6, Midterm II
October 26	3.7, 3.8, 3.9
November 2	4.1, 4.2
November 9	4.3, 4.4, Midterm III
November 16	4.5, Review

Mandated Reporting: As an instructor, one of my responsibilities is to help create a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role as a faculty member. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. I will seek to keep information you share private to the greatest extent possible. However, I am required to share information regarding sexual misconduct or information about a crime that may have occurred on Randolph's campus with the Colleges Title IX Coordinator, Sharon Saunders. I do this to make sure that you are able to get all the information and support you may need. **However...**

I am also a Campus Advocate. You may share information with me or any other Campus Advocate in order to get support and/or advice with the expectation that your information will be held in confidence. That is, as a Campus Advocate, I am not required to report information you share with me. If you wish to speak to me in my role as Campus Advocate, please inform me **before** disclosing sensitive information.