

Syllabus Quick Facts

MATH 141: Calculus I — Fall 2025

Course Information

Instructor Email: cm264@mailbox.sc.edu

Course Webpage: <https://coffeeintotheorems.com/courses/2025-2/fall/math-141/>

Office Hours: The instructor's office is LeConte 345C. The office hours are Monday, Wednesday, and Friday from 2:00pm to 3:00pm, and Tuesday/Thursday from 1:00pm until 2:00pm.

Grading Components

Course grades are determined by the following components:

Check-Ins	5%
Labs	10%
Gateway Exams	10%
Homework	20%
Exam I–III	30%
Final Exam	25%

Attendance

Attend each lecture and show up on time. Address any absences—anticipated or otherwise—with the instructor. If you miss a lecture, you are responsible for any material covered, any work assigned, any course changes made, etc. during the class. Five or more unexcused absences from lectures could result in receiving a grade penalty per additional absence or an 'F' in the course. Furthermore, excessive lateness will also count as an absence.

Check-Ins

There will be a check-ins *every* class, typically at the start of class. Because solutions will often then be immediately discussed, no make-up check-ins will be given (except under extraordinary circumstances).

Labs

Nearly every week, students will have a lab to complete using SageMath. These labs will help engage them with the material and learn some basic programming skills. Students will have a designated lab time to work on these labs. However, if a student does not complete their lab during this time, they are still expected to complete and submit the lab on time.

Gateways

There are two Gateway exams during the semester. The Gateway exams are 30 minute exams that will help students to achieve mastery over basic Precalculus (Gateway I) and differentiation (Gateway II) skills and help assure students that they are prepared for the future material.

Homeworks

There will be weekly homework assignments. Homeworks will mostly be given and submitted using MyLab. Therefore, students will need to purchase an access code to this system at <http://www.mymathlab.com>. Students can also purchase access to a digital copy of the textbook when they purchase an access code.

Exams

There will be three exams in this course, each worth 10% of the course grade for a total of 30% of the course grade. There will also be a final exam worth 25% of the course grade. Together, all exams are worth 55% of the course grade.

Course Schedule

The following is a *tentative* schedule for the course and is subject to change.

Date	Topic(s)	Date	Topic(s)
08/19	Gateway I	10/14	Lab 7
08/20	Graphical Limits	10/15	Optimization
08/21	Lab 1	10/16	Recitation
08/22	Graphical & Special Limits	10/17	Optimization
08/25	Special Limits	10/20	Review
08/26	Gateway I	10/21	Recitation
08/27	Special Limits	10/22	Exam Review
08/28	Recitation	10/23	Exam Review
08/29	Special Limits	10/24	Exam 2
09/01	Labor Day (No Classes)	10/27	IVT
09/02	Recitation	10/28	Lab 8
09/03	Continuity	10/29	MVT
09/04	Lab 2	10/30	Recitation
09/05	Derivative Introduction	10/31	Integral Introduction
09/08	Derivative Rules	11/03	Integral Introduction
09/09	Lab 3	11/04	Recitation
09/10	Derivative Rules	11/05	Fundamental Theorem of Calculus
09/11	Recitation	11/06	Lab 9
09/12	Derivative Rules	11/07	Fundamental Theorem of Calculus
09/15	Tangents & Linearizations	11/10	Area
09/16	Review	11/11	Recitation
09/17	Graphical Derivatives	11/12	Area
09/18	Lab 4	11/13	Recitation
09/19	Exam 1	11/14	u -Substitution
09/22	Max/Min/Inflections	11/17	u -Substitution
09/23	Lab 5	11/18	Recitation
09/24	l'Hôpital's Rule	11/19	u -Substitution
09/25	Gateway II	11/20	Exam Review
09/26	l'Hôpital's Rule	11/21	Exam 3
09/29	l'Hôpital's Rule	11/24	Thanksgiving Break (No Class)
09/30	Recitation	11/25	Thanksgiving Break (No Class)
10/01	Implicit Differentiation	11/26	Thanksgiving Break (No Class)
10/02	Lab 6	11/27	Thanksgiving Break (No Class)
10/03	Implicit Differentiation & Related Rates	11/28	Thanksgiving Break (No Class)
10/06	Related Rates	12/01	Volumes by Disk/Shell
10/07	Recitation	12/02	Lab 10
10/08	Related Rates & Optimization	12/03	Volumes by Disk/Shell
10/09	Fall Break (No Class)	12/04	Recitation
10/10	Fall Break (No Class)	12/05	Volumes by Cross Section
10/13	Optimization	12/(8,10,12)	Final Exams