UCONN
UNIVERSITY OF CONNECTICUT

MATH-1131Q-Calculus I-SEC803-1263

Fall 2026

Excluding materials for purchase, syllabus information may be subject to change. The most up-to-date syllabus is located within the course in HuskyCT.

Instructor Information:

Instructor: Nuwanthi Samarawickrama, Ph.D. (she/her). You can call me Dr. Nuwanthi or Dr. Samarawickrama or Dr. Nuwi
Office hours : Monday, Wednesday, Friday 2.00-3.00pm . Flexible hours upon requests.
Email: nuwanthi.samarawickrama@uconn.edu
Office: 381

Course Materials:

Textbook: Calculus Early Transcendentals, Single Variable by James Stewart (9th Edition) You are **not** required to have a physical textbook. You are only required to have **WebAssign** access.

If you are participating in the **Husky Book Bundle Program,** you do not need to purchase anything. The digital required materials for this course have been integrated with HuskyCT and can be found in the Course Materials link in your HuskyCT course. Please sign into HuskyCT to access your course and course materials.

If you have **opted out** of the Husky Book Bundle Program, you can buy the textbook from ~~the UConn Bookstore~~. You will need a **WebAssign access code** to access your homework assignments. When you buy the textbook from the bookstore, the WebAssign code will come bundled with the textbook. You will have **two weeks of free access** to WebAssign, which includes the e-book, so you can get started right away in case you need some time to arrange to buy textbook with the access code.

There is **only ONE way to register for and access WebAssign**. Once the semester officially begins, simply log into your HuskyCT account (lms.uconn.edu), navigate to the page for Math 1131Q, then follow the link on the left hand side for WebAssign Homework. *When logging into WebAssign (through HuskyCT), **do not use Internet Explorer or Safari. Use Firefox or Chrome.***

WebAssign assignments will be due every Tuesday and Thursday night.

Course Description:

This course is an introduction to differential and integral calculus, which is the mathematical language used in any science concerned with dynamically changing quantities. The main topics it covers are limits, derivatives, integrals, the Fundamental Theorem of Calculus, and some basic applications of these ideas.

Resources Policy

You can use one hand-written formula / cheat sheet on exams. You must submit your formula sheet with your exam.

WebAssign Homework:

To access the WebAssign homework you will have to go through HuksyCT single sign-on. In the left sidebar of your Math 1131Q HuskyCT page, you will find a link to do your homework using WebAssign. There will usually be 2-3 homework assignments per week (one for each textbook section covered). The due date for each assignment will generally be two or three days after the material is covered in class.

You will get five attempts for each question that is not multiple choice; the exact number of attempts for multiple choice questions will depend on the number of choices. This means True/False questions and questions with two answer choices have only one attempt – choose carefully! After each attempt, you will be told whether your answer is correct or not. If you are not able to get the correct answer after your initial attempts, we recommend that before your final attempt, you seek help from your instructor, the **Q-Center**, a tutor, or another student.

When accessing your online homework, use Firefox or Chrome as your browser; there are problems that can occur if you use Internet Explorer or Safari. See the document **here.pdf** for tips on using WebAssign, including entering answers and finding useful settings.
Your lowest WebAssign score will be dropped at the end of the semester.

Classwork Assignments will usually be given every **Tuesday**
or Thursday).
Unlike for quizzes and exams, you will be able to work with your peers on these assignments. However, the work you turn in must be your own work, written up independently by you, and in your own words. You can turn in your classwork assignment on paper or on HuskyCT. Each classwork assignment will be due on Friday by 11:59pm. It will be similar to the examples we do in class in that week.

Classwork Makeup Policy: If you miss a class where a classwork assignment was given, it is your responsibility to contact a classmate or the instructor to ask what the assignment was. You must still turn it Friday by 11:59pm.

If you are not able to hand in a classwork assignment before the deadline because you are ill or due to some other extenuating circumstance, then you must contact your instructor before the due date or within 24 hours after the due date. If you do not follow these listed procedures, then you will receive a score of zero on the classwork assignment.

Quizzes will be given on **Thursday** (in class), beginning with the second week of classes. **Your lowest quiz score will be dropped at the end of the semester.**

Quiz/Exam Makeup Policy: If you **miss a quiz/exam** because you are ill or due to some other extenuating circumstance, you must contact your instructor before the original quiz/exam time, or within 24 after the original quiz/exam time. If your instructor approves you for a makeup quiz/exam, then you must take the quiz/exam within 1 week of the original quiz/exam time. If you do not follow these procedures, then you will receive a score of zero on the missed quiz/exam unless you have proper documentation of an extenuating circumstance.

Per University policy, all requests to reschedule or make up the final exam must be submitted to the Dean of Students for approval. Please note that vacations, previously purchased tickets or reservations, and social events are not viable excuses for missing a final exam. If you think that your situation warrants permission to reschedule, please contact the Dean of Students Office with any questions. Thank you in advance for your cooperation.

Midterm Exam Replacement Policy: Your score on the final exam will replace your lowest exam score if you score higher on the final exam. Note that your final exam grade is always counted when computing your course grade and cannot be replaced.

Course Components and Grading

We will have regular 3 exams and a final exam. We will have quizzes most weeks at the end of class on Thursday. I will let you know ahead of time what topics the quiz will cover. I will drop the lowest lowest quiz grade. There will be no make-up exams or quizzes**.**

Important Dates

- Test 1 – 09/29
- Test 2 – 10/29
- Test 3 - 11/ 17
- **Final Exam:** Assigned by university

Grading

Exams 30%, Homework 10%, Quizzes 10%, Final exam 25%, Class participation and Projects 25% ,

The grading scale used will be 92.5–100 A, 89.5–93.4 A-, 86.5–89.4 B+, 82.5–86.4 B, 79.5–82.4 B-,76.5– 79.4 C+, 72.5–76.4 C, 69.5–72.4 C-, 66.5–69.4 D+, 62.5–66.4 D, 59.5–62.4 D-, 0–59.4 F

Academic Integrity:

Please respect your work and the work of others. Cheating will be taken seriously. Examples of things that will be addressed include, but are not limited to, communicating with anyone not explicitly

allowed during any quiz or exam, representing another person's work as your own (this includes copying or paraphrasing a solution from a friend, solution manual, tutor, or website), or using unauthorized materials for any quiz or exam. Consequences may include, but are not limited to, a score of zero on the assignment, quiz, or exam, or a grade of F in the course. To read UConn's full policy on Academic Integrity, visit community.uconn.edu/the-student-code-appendix-a/.

Some Tips: Successful completion of this course will require you to learn to:

1. Apply fundamental algebra skills to calculus problems.
2. Use common techniques to evaluate limits, and connect limits to derivatives.
3. Interpret derivatives as rates of change.
4. Combine ideas from algebra and trigonometry with knowledge of limits and derivatives to recognize features of the graph of a function.
5. Use derivatives to describe the features of a function and its graph, including maximum and minimum values and where they occur.
6. Identify applications of differential and integral calculus, and explain how calculus can be used in these applications.
7. Apply the Fundamental Theorem of Calculus and the substitution rule to evaluate definite and indefinite integrals.
8. Demonstrate how integrals are connected to the area under the graph of a function.

Late Work Policy:

I understand that things come up during the semester that might impact your ability to complete assignments. Please do your best to contact me ahead of the deadline to discuss extensions or flexibility for assignments. Late work will not be accepted unless you contact me.

Grading and Feedback:

Your grades will be posted to HuskyCT throughout the semester so you can check your progress in the course. Assignments will be graded, usually within 4 days of the due date but not later than a week. If you have questions about your graded work, please contact me directly.

Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. Review these important standards, policies and resources, which include:

Academic, Scholarly, and Professional Integrity and Misconduct

Netiquette and Communication

The discussion board is a great way to connect with other students and find potential study group partners. Communicating about mathematics is a new skill that takes practice and I hope you will all take advantage of this opportunity.

At all times, course communication with fellow students and the instructor are to be professional and

courteous. It is expected that you proofread all your written communication, including discussion posts, assignment submissions, and mail messages. If you are new to online learning or need a netiquette refresher, please look at this guide titled, Rules of Netiquette in Online & Distance Learning Courses.

Academic Calendar

The University's Academic Calendar contains important semester dates.

Course Add/Drop

If you should decide to add or drop a course, there are official procedures to follow: • Matriculated

students should add or drop a course through Student Administration System. • Non-degree students should refer to the Registrar's office Non-Degree and Visiting Students page for more information.

You must officially drop a course to avoid receiving an "F" on your permanent transcript. Simply discontinuing a course or informing the instructor you want to drop does not constitute an official drop. For more information, refer to the: Undergraduate Catalog

Policy Against Discrimination, Harassment and Related Interpersonal Violence The University's Policy Against Discrimination, Harassment, and Related Interpersonal Violence reinforces that UConn is committed to maintaining an environment free of discrimination or discriminatory harassment directed toward any person or group within its community – students, employees, or visitors. Academic and professional excellence can flourish only when each member of our community is assured an atmosphere of mutual respect. All members of the University community are responsible for the maintenance of an academic and work environment in which people are free to learn and work without fear of discrimination or discriminatory harassment. In addition, inappropriate amorous relationships can undermine the University's mission when those in positions of authority abuse or appear to abuse their authority. To that end, and in accordance with federal and state law, the University prohibits discrimination and discriminatory harassment, as well as inappropriate amorous relationships, and such behavior will be met with appropriate disciplinary action, up to and including dismissal from the University. Additionally, to protect the campus community, all non-confidential University employees (including faculty) are required to report sexual assaults, intimate partner violence, and/or stalking involving a student that they witness or are told about to the Office of Institutional Equity. The University takes all reports with the utmost seriousness. Please be aware that while the information you provide will remain private, it will not be confidential and will be shared with University officials who can help. More information is available at equity.uconn.edu and titleix.uconn.edu.

Students with Disabilities

Your disability does not define you but I want to support you while you are taking this course and it is helpful for me to know in advance about any potential challenges that might affect your learning or success in this course. Please reach out to me to discuss anything I can assist with throughout the semester.

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with

Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or http://csd.uconn.edu/.