Syllabus

Math 1132 Q Spring 2026

Course communication: Much of the communication for this course will occur in class, by instructor announcements in HuskyCT, and by email. Please monitor your UConn email account and the HuskyCT course announcements tab regularly. In particular, it will be assumed that you have read anything posted in the HuskyCT announcements and sent to your email account in a timely manner.

Time Zone: *All times* for due dates, online and in-person classes, office hours, etc., in this course are given in **US Eastern Time**.

Description: The main topics covered in this course are methods of integration, infinite sequences and series, differential equations, polar coordinates, and parametric equations. From the course catalog: "Transcendental functions, formal integration, polar coordinates, infinite sequences and series, vector algebra and geometry, with applications to the physical sciences and engineering."

Prerequisites: Math 1131 or advanced placement credit for calculus (a score of 4 or 5 on the Calculus AB exam or a score of 3 on the Calculus BC exam). Recommended preparation: A grade of C- or better in Math 1131. While merely getting a passing grade in Math 1131 (D- or higher) is enough to enroll in Math 1132, if you got a low grade in Math 1131 then you likely don't know the material from that course well enough to do well in Math 1132.

Textbook Information

You must have access to one of the following:

1. *Single Variable Calculus: Early Transcendentals*, 9th Edition, by James Stewart with WebAssign Access Code.
2. *Calculus: Early Transcendentals*, 9th Edition, by James Stewart with WebAssign Access Code (includes MATH 2110, Multivariable Calculus)
3. *Calculus: Early Transcendentals+ Diff Eq*, 9th Edition, by James Stewart with WebAssign Access Code (includes MATH 2110 and MATH 2410, Multivariable Calculus and Differential Equations)

Cengage/WebAssign access and the Husky Book Bundle

This is a continuation of Math 1131, so anyone coming from that course should still have access to all required course materials when you log into the Cengage website. If you are new to Calculus at UConn and do not have access from last semester, but are enrolled in the Husky Book Bundle, you should receive this access at no additional charge. To receive your access, please go to the UConn Bookstore with your student ID and follow signs for the Husky Book Bundle. Let the staff know you need a manager to get you an access code for this course.

IMPORTANT!

(1) If you **opted OUT of the Husky Book Bundle** last fall and **independently purchased a multi-term access code** for WebAssign and the e-book in Math1131, then your WebAssign and e-book access will remain active in Math 1132.

(2) If you **opted OUT of the Husky Book Bundle** last fall and **did not purchase** a multi-term access code for WebAssign and the e-book in Math1131, then you will need to **repurchase** WebAssign and e-book access for Math 1132.

(3) If you **opted INTO the Husky Book Bundle** last fall then you need to **repurchase** WebAssign and e-book access for Math 1132 because the Husky Book Bundle lasts only one semester at a time.

(4) A Cengage representative, Frank Cronin, will be in the math department room Monteith 101 during **10 AM to 2 PM on Friday 1/23** to answer any of your questions or issues related to WebAssign. Make sure you clear up your WebAssign access by the end of the first week.

Calculators & Resources

No calculators, websites, books/notes are allowed on quizzes or exams. Use of prohibited materials will result in a zero on the assessment. Some homework exercises may need calculators.

Grading

Assignment Type	Date	Percentage
Lecture Activities	Tuesday & Thursday (in lecture)	5%
Discussion Quizzes	Wednesday (in discussion)	20%
WebAssign HW	Due each Wednesday at 11:59PM (online)	10%
Exam 1	Wednesday 2/18 (in discussion)	20%
Exam 2	Wednesday 4/8 (in discussion)	20%
Final Exam	Date/Time TBA	25%

Participation

Being an active participant in the course is the only way to learn the material well. In particular, your discussion section will present more opportunities to ask questions and to work with classmates.

WebAssign Homework

Description: There is online homework for each section of the text. You will get 10 attempts for each question that is not multiple choice and one less attempt than the number of choices for each multiple choice question. 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 first few attempts, seek help from the Q-Center, a Calc Night on Monday or Tuesday, a classmate, or your instructor or TA.

Homework Access: To access the homework you will have to go through Husky CT. On your HuskyCT course page is a link to WebAssign. *There is no class key* to enter.

Due Dates/ Extensions: All WebAssign homework is available starting on the first day. Each section from the e-book is due on a Wednesday evening at 11:59 PM except for the exercises related to the final week of topics, which are due on the Sunday before finals start. The exact due dates for each section of the e-book can be found in WebAssign. A set of exercises is usually due on the Wednesday after that topic is covered in lecture, but not always, e.g., the WebAssign for the topics covered in weeks 1 and 2 are both due on the Wednesday of week 3. If you miss the due date on a WebAssign homework then you are allowed to request a one-day extension of the due date for a 10% penalty, and you can continue to make one-day extensions for up to one week after the original deadline. This request needs to be made **automatically** through Webassign. Use this link (https://help.cengage.com/webassign/student_guide/webassign/t_s_making_automatic_extension_request.htm) for instructions on how to request an automatic extension (the first time you use that link, you may need to click a globe icon in the upper right to select the region for your school).

Worksheets

In addition to the weekly WebAssign problems, in each week there will be a list of additional problems put together in a worksheet. The worksheet problems *will not be collected or graded*. These worksheet problems are just a source of additional exercises, and answers to most of them will be included at the end of the worksheet.

Exams

Dates: There are two exams during the semester and a Final Exam. The Final Exam will be cumulative. The dates and times for these are shown below.

- **Exam 1:** Week 5 (Wednesday 2/18) covering 7.1-7.4, 7.7, 7.8, 6.4, 8.1
- **Exam 2:** Week 11 (Wednesday 4/8) covering 11.1-11.6, 11.8-11.11
- **Final Exam:** TBA covering **ALL** material including 9.1, 9.3, 10.1-10.4

Exam Format: Exams are administered in-person during your discussion section and will be 50 minutes (full class period). Exams will have a mixed format that includes multiple choice, true/false, and free-response questions. Partial credit is awarded on free-response questions.

Note: No external resources (calculator, notes, phone, etc.) are permitted during exams. Selected formulas will be provided on a formula sheet.

Exam Replacement Policy

The Final Exam will be broken up into three parts, covering material from Unit 1 (integration methods), Unit 2 (sequences and series), and Unit 3 (differential equations, polar coordinates, and parametric equations). In your course grade, the Exam 1 score will be the maximum of (i) the Exam 1 score and (ii) the average of the scores on Exam 1 and Part 1 of the Final Exam. The same method applies for Exam 2. Thus your work on the Final Exam has a chance to increase the grades on Exam 1 and Exam 2.

Lecture Activities

On most Tuesdays and Thursdays during lecture there will be a graded activity related to the content being covered. Be sure to bring a device with internet access to lecture to complete that activity since that is how you will get credit for it. At the end of the semester, a number of lecture activities will be dropped to account for missed classes or for days when you forgot to bring a device or your internet access didn't work (if that happens, do not ask to get credit by providing a sheet of paper with work on it). If you have an institutional excuse, then reach out *in a timely manner* about exemptions for those days.

Discussion Section Quizzes

On Wednesday during your in-person discussion, there will be a 10-minute quiz focusing on the material covered during the previous week in lecture. Quizzes may have multiple choice, true/false, or free-response questions. Concerning missed quizzes, see the make-up policy below. One quiz score will be dropped at the end of the semester.

Content Delivery & Resources

Lecture: Lectures for MATH 1132Q are held on Tuesdays and Thursdays at a set time that appears in your schedule. Slides with spaces to be filled in will be posted in HuskyCT before each lecture, and filled-in lecture slides will be posted in HuskyCT after each lecture. A course announcement will be posted in HuskyCT before and after class to indicate when the slides are available.

Discussion Sections: You are in a discussion section with a graduate student TA. It meets once per week on Wednesdays in-person at a set time that appears in your schedule. The TA will discuss material from the previous week's material, answer questions, and then administer a 10-minute quiz about the previous week's material.

ADDITIONAL RESOURCES

Here are additional resources that provide opportunities to ask questions, discuss the course material, and work with others.

- **Calc Night:** On Mondays and Tuesdays during 6:30-8:30 PM in the Science One Lecture Hall (SCI1 G01), starting in week 2, all students in Math 1132 are welcome to show up to work on problems together and ask questions to TAs from Math 1132.
- **Q Center:** There are tutors available at the Q-Center Sundays through Fridays. Find hours and other information at https://qcenter.uconn.edu/ (https://qcenter.uconn.edu/). It is open starting in week 1.
- **Office Hours:** Your instructor and TA will offer weekly office hours.
- **Additional Lecture Videos:** Professor Dave McArdle has a complete set of lecture videos and notes for this course which are available for you to use. A link to them is on the course's HuskyCT page. To access them after clicking the link, use the password Calculus2 (capital C at start, no space before the 2).

Additional Information:

Make-up Policy: If you have to miss an exam or quiz in discussion section at its designated time, then you must notify the TA (and the lecturer in the case of exams) **in advance.** Arrangements for a make-up will be considered on a case-by-case basis and will be administered *for approved reasons only* at the discretion of the instructor.

Academic Integrity: It is in your best interest to maintain your academic integrity. Any form of academic dishonesty undermines the goals of our course and devalues the learning process. Academic dishonesty is a serious offense at UConn and can result in a zero grade on an assessment and/or failure in the course. UConn's policy on academic, scholarly, and professional Integrity and misconduct is here. (https://policy.uconn.edu/2023/07/11/academic-scholarly-and-professional-integrity-and-misconduct-aspim-policy-on/)

Accommodations for Students with Disabilities: 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/ (http://csd.uconn.edu/).

Change to Syllabus: The information contained in this course syllabus may be subject to change, as deemed appropriate by the instructor, and if a change is made then an announcement will be posted about