

Calculus Syllabus (2101019) - 2026Fall

Mon, Wed 10:15-11:30 @Common 203

TA Recitation : Thu 12:10-1:00 @Common 203

Instructor: Prof. Chi-Jen Wang Email: cjwang@ccu.edu.tw

Office: MATH 438

Office Hours: MW 9:10-10:00

TA Recitation: Thu 12:10-1:00 • TA : Mr. Wu 吳宗燁

Course Website: <https://ecourse2.ccu.edu.tw/>

Textbook: Calculus: Early Transcendental by James Stewart, Daniel Clegg, and Saleem Watson, 9th Edition. Cengage Learning. ISBN-13: 978-626-7533-06-2

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Objectives: To enable students to clearly understand the basic concepts, rules, and requirements of mathematical proofs of calculus. Through the introduction of various examples, students can have a better understanding of calculus so that they can have a sufficient and solid mathematical foundation when studying professional courses in science and engineering related fields.

Through practical calculations of calculus, cultivate students' ability to use calculus to solve related mathematical problems and the requirement of mathematical rigor.

Contents: (1) Functions (2) Limits (3) Differentiation and its Applications (4) Antiderivative and Integrals (5) Applications and Techniques of Integration.

Attendance: Attendance is required for all lectures and recitation meetings. The student who misses a class meeting is responsible for any assignments and/or announcements made. Temporary class leave needs to inform the instructor in advance and submit the absent excuse form on school's student_off system within 7 days.

For exam leave, the request form must be completed two weeks in advance except the extended emergency, and approved by the course instructor before a make up exam can be taken. The absent without excuse form will lead 0.5 points deducted from their course grades in the category of Attendance. Office Hours are for asking questions related to the course and not for re-teaching content.

Grading Scale:

Category	Points	Notices
Exams	56	4 Exams, 14 points each
Weekly Quiz	20	10~11 Quizzes
HW Presentation	2	

Online homework	14	Weekly online HW, 1 point each
Attendance	8	
Total points	100	

Exams: There will be four exams administered during recitation on the following Thursdays: Oct 15, Nov 12, Dec 10. And the last exam will be on Monday Jan 4th 2027.

Weekly Quizzes: There will be 10~11 quizzes during recitation. You need to write all solving process on your answer sheets, no credit will be given for lacking logical process.

Calculator: You can use a scientific calculator (NOT a Tablet, Phones, nor Smart Watches) with the exponential & logarithmic functions during the exam.
The calculator which can find the derivative, or integrate a function is not allowed.

HW Presentation: Students will present assigned questions in HW. The presentation schedule will be in order of student CCU ID number. Record your solving process on video and send the link to TA.

Online homework: Online homework assignments will be due at midnight on the date listed on webassign.net. Please work ahead on the homework and keep up with the pace of the lectures. Late homework is never accepted for any reason.

Academic Honesty: Any cheating behavior must be reported to departments. CCU Academic Honor Code will be strictly adhered to in this class.

Learning Disability: It is the right of any student with a certified learning disability to request necessary accommodation. Such requests must be made well in advance of the time that the accommodation is required, ideally in the first or second week of class, and a letter of documentation from CCU's Resource Classroom must be presented at the time of any request. <https://specialedu.ccu.edu.tw/>

Resources: 1. Instructor/TA office hours.
2. Math Help Room · M-F, 12-2&4-6 @ Math 202.

Any change will be announced on ecourse2.ccu.edu.tw