MATH 151C, ADVANCED CALCULUS III

Lecture:	TR 14:00–15:20
Location:	lectures will be fully on Zoom, the meeting ID is 235-142-171
Instructor:	Bin Sun
Email:	bin.sun@ucr.edu
Office hours:	M 15:00–16:00 on Zoom, the meeting ID is 235-142-171
Course webpage:	iLearn

TEXTBOOK

"Principles of Mathematical Analysis" by Walter Rudin, available at `https://notendur.hi.is/vae11/%C3%9Eekking/principles_of_mathematical_analysis_walter_rudin.pdf`.

DISCUSSION SECTIONS

2 Alexander Henderson W 12:00–12:50 Zoom 630-929-7536

TA OFFICE HOURS

Alexander Henderson W 14:00–16:00, R 15:30–16:00 Zoom 630-929-7536

EXAMS AND GRADING

Homework: Crowdmark
Midterm exam: Thursday, April 30, 14:00–15:20
Final exam: Saturday, June 6, 8:00 – 11:00

Grading: The final grade is composed of:
40% of the Final exam grade
30% of the Midterm exam grade
30% of the Homework grade

Grading scale: The grading scale will be no worse than the one in the following table:

	A+	A	A-	B+	B	B-	C+	C	D	F
from	94%	90%	85%	80%	75%	70%	65%	60%	30%	0%
to	100%	93%	89%	84%	79%	74%	69%	64%	59%	29%

Notes:

1. Homework will be assigned on Crowdmark every Thursday, and due the next Crowdmark.
2. If any of the exams has a conflict with your schedule, you have to make arrangements within the first two weeks of the course. We will only accept very few reasons for not attending one of the exams. Those reasons are limited to: religious reasons, interviews for scholarships, and participation in intercollegiate sports.
3. All exams will be done online through Crowdmark.
4. The final exam will be comprehensive, i.e., covering all materials learnt during the quarter.
5. All exams are closed notes and books. Calculators are not allowed.
6. Cheating will be taken very seriously. Every attempt to cheat will give you an automatic "F" for the course. You will not be allowed to drop the course, and your case will be forwarded to the student conduct committee.
7. The date and time of the Final exam are subject to changes. Please search you exam date, time, location on
   https://registrar.ucr.edu/calendar/final-exam-live
   after the last day of instruction.

LEARNING OUTCOMES AND CONTENT OUTLINE

1. Power series and Fourier series
2. Elementary transcendental functions and the Gammar function
3. Calculus in several variables

LECTURES AND DISCUSSIONS

Lecture time will be devoted to the acquisition of new material. Discussion time will be run by teaching assistant and will be devoted to answer homework–related questions, or present examples relevant to that week's material.

STUDENTS WITH DISABILITIES

UC Riverside is committed to providing equal access to learning opportunities to students with documented disabilities. To ensure access to this class, and your program, please contact the Student Disability Resource Center (SDRC) to engage in a confidential conversation about the process for requesting accommodations in the classroom. More information can be found on

`https://sdrc.ucr.edu`.

If you are a student registered with the SDRC, please ensure you request your quarterly accommodations through

`http://rability.ucr.edu/clockwork/custom/misc/index.aspxrability.ucr.edu`.