

Math 3231: Introductory Analysis I

Fall 2022

Instructor: Dr. Yin Chen,
RB 2017,
343-8608,
Yin.Chen@lakeheadu.ca

D2L Course Link: <https://mycourselink.lakeheadu.ca/d2l/home/98736>

Lectures:

Tuesday and Thursday	11:30 – 13:00	RB 3049
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Office Hours:

Tuesday	13:00 – 14:00	RB 2017
Wednesday	20:00 – 21:00	Zoom

Text: Some suggested textbooks

- *An Introduction to Real Analysis* by John K. Hunter.
https://www.math.ucdavis.edu/~hunter/intro_analysis_pdf/intro_analysis.pdf
- *Introduction to Real Analysis* by Donald R. Sherbert and Robert G. Bartle.

Course Content:

In this class, we will cover the main topics of chapters 1-7 of Hunter's textbook (chapters 1-5 of Sherbert and Bartle's textbook).

Assignments:

There will be 6 assignments (due on 22:00 pm, Wednesdays, September 14, 28, October 19, November 2, 16 and 30). The problem sets will be posted on D2L course page about a week before the due time. You can type up your solutions or write them on paper, scan them to make **ONE** pdf or doc file and then upload the file to D2L assignment folders. Late assignments will not be accepted under any circumstances.

Midterm Exam:

- **11:30 – 13:00, Thursday, October 27, RB 3049.**

Course Grade:

Assignments	20%
Midterm Exam	30%
Final Exam	50%