

Math 1272: Logic, Set Theory and Proofs

Winter 2022

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

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D2L Course Link: <https://mycourselink.lakeheadu.ca/d2l/home/92941>

Lectures:	Monday	14:30 – 15:30	Zoom
	Wednesday	14:30 – 15:30	
	Friday	14:30 – 15:30	

Labs:	Friday	15:30 – 16:30	Zoom
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Office Hours:	Monday	15:30 – 16:30	Zoom
	Wednesday	15:30 – 16:30	Zoom

Text: *Book of Proof (3rd edition)* by Richard Hammack.

(Downloadable at <http://www.people.vcu.edu/~rhammack/BookOfProof/Main.pdf>)

Course Content:

The course will cover the selected topics of chapters 1-12 and 14 of the textbook.

Assignments:

There will be 9 assignments, 8 of which need to be submitted (due 17:00, Monday January 24, 31, February 7, 28, March 7, 14, 28, and April 4). 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 Exams:

- Midterm Exam 1
14:30 – 15:30, Monday, February 14, Zoom.
- Midterm Exam 2
14:30 – 15:30, Monday, March 21, Zoom.

Course Grade:

Assignments	28%
Midterm Exams	30%
Final Exam	42%