Math 1272: Logic, Set Theory and Proofs

Winter 2020

Instructor: Dr. Yin Chen, RB 2017, 343-8608,
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Course webpage: `http://flash.lakeheadu.ca/~ychen/math1272.html`

Lectures: Monday, Wednesday, and Friday, 11:30-12:30, RB 2024

Labs: Friday 12:30 – 13:30, RB 1044

Office Hours: Wednesday and Friday, 14:30 – 15:30

Text: *Mathematical Proofs: A Transition to Advanced Mathematics (4th edition)*,
by Gary Chartrand, Albert D. Polimeni, and Ping Zhang.

Course Content:
The course will cover the selected topics of chapters 1-13 of the textbook.

Assignments:
There will be 9 assignments, 8 of which need to be submitted. The assignments are due on Fridays (15:30, January 24, 31, February 7, 14, March 6, 13, 27, April 3). There will be a mailbox marked as MATH 1272 on the second floor of Ryan Building for these assignments. The lowest assignment mark of the 8 will be dropped. Late assignments will not be accepted under any circumstances. Valid excuses, such as illnesses with a doctor's note, will instead result in the mark being dropped. The marked assignments can be picked up during Friday's lab hour. The problems and solutions to the assignments can be found on the course webpage.

Exams:
The midterm exam will be written in class

11:30-12:30, Wednesday, February 26, 2020, RB 2024

In the event that the student is absent for the midterm due to a valid documented excuse, the midterm mark will be dropped and the final exam will account for 80% of the final grade. Both midterm exam and final exam are closed book without notes or calculators.

Course Grade:
Assignments: 20%
Midterm exam: 25%
Final Exam 55%