

Math 1152: Calculus II Social & Life Sciences

Winter 2020

Instructor: Dr. Yin Chen, RB 2017, 343-8608,
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Course webpage: <http://flash.lakeheadu.ca/~ychen/math1152.html>

Lectures: Monday, Wednesday, and Friday, 13:30-14:30, UC 0050

Labs: Tuesday 11:30 – 12:30, BB 1021

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

Recommended textbooks: You can use any calculus textbook. In particular, you can use any of the following textbooks:

- Calculus For Biology and Medicine by Neuhauser and Roper
- Calculus: One and Several Variables by Salas, Hille, and Etgen
- Calculus: Early transcendental Functions by Larson and Edwards

Course Content:

This course will cover the selected topics on integration, integration techniques, differential equations, and sequences and series.

Assignments:

There will be 9 assignments, 8 of which need to be submitted. The assignments are due on Wednesdays (15:30, January 22, 29, February 5, 12, March 4, 11, 25, April 1). There will be a mailbox marked as MATH 1152 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 Tuesday'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

13:30 - 14:30, Wednesday, February 26, 2020, UC 0050

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%