

Math 2131: Vector Calculus

Winter 2018

Instructor: Dr. Yin Chen, RB 2017, 343-8608,
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Course webpage: <http://flash.lakeheadu.ca/~ychen/math2131.html>

Lectures: Tuesday and Thursday, 13:00 – 14:30, RB 2024

Office Hours:

Wednesday	10:30 – 13:00
Friday	10:30 – 11:30

Recommended textbooks: any one of

- Calculus: One and Several Variables (10th Edition) - Salas, Hille, and Etgen
- Calculus: Early transcendental Functions (6th Edition) - Larson and Edwards
- MIT open course online calculus textbook
<https://ocw.mit.edu/ans7870/resources/Strang/Edited/Calculus/Calculus.pdf>

Course Content:

The course will cover the main topics of chapters 11-15 of MIT book.

Assignments:

There will be 9 assignments, 8 of which need to be submitted. The assignments are due on Fridays (11:30 am, Jan. 19, 26, Feb. 9, 16, March 9, 16, 23, April 6). There will be a mailbox marked as MATH 2131 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 problems and solutions to the assignments can be found on the course webpage.

Exams:

The midterm exam will be written in class

13:00 - 14:30, Thursday, March 1st, 2018, 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%