

Welcome to Math 1LT3

Calculus for Life Sciences II

Math 1LT3

instructor: Erin Clements

email: clemene@math.mcmaster.ca

virtual office: B. Virtual Meetings channel of our MS Team

on campus office: HH/425

office hours: Mondays & Tuesdays, Time TBD

Math 1LT3

Webpage:

<http://ms.mcmaster.ca/~clemene/math1LT3E.html>

- Course outline (test/exam dates, evaluation breakdown, policies, etc.)
- Schedule and homework
- Solutions
- Detailed information for tests/exam
- Misc (learning resources, FAQs, useful links)

Math 1LT3

MS Team:

“Math 1LT3 – Summer 2022”

- Tabs for External Webpage, Avenue, Childsmath in channel **A. Home**
- Office hours in channel **B. Virtual Meetings**
- Lecture material (e.g. handwritten notes) in channel **C. Lecture Notes**
- For you! Channel **D. Group Chat**

Math 1LT3

Avenue:

- Echo360 recordings of in-person lectures
- Grades

Childsmath:

- Assignments (Assignments 0 and 1 are posted)

Course Content

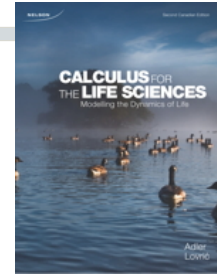
- ❖ analyzing and solving differential equations
- ❖ probability and statistics
- ❖ calculus on functions of several variables
- ❖ various applications to life sciences

Work Involved

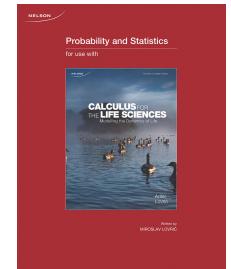
- ❖ **Lecture notes** (outlines posted under the **SCHEDULE AND HOMEWORK** link on our external course webpage)
- ❖ **Practice questions** (posted on our external course webpage, do as many as you feel necessary)
- ❖ **6 Assignments** (15%)
- ❖ **2 Tests** (40%)
- ❖ **Final exam** (45%)

Resources

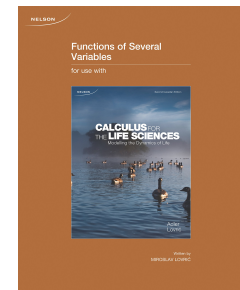
- ❖ math 1LS3 textbook (required)



- ❖ functions of several variables module (required)



- ❖ probability and statistics module (required)



- ❖ student's solution manual (optional)