Welcome to Math 1F03

Introduction to Calculus and Analytic Geometry

Math 1F03

Instructor: Erin Clements

Email: clemene@math.mcmaster.ca

Virtual Office: Live Lectures channel of our MS Team

Office Hours: TBA

Math 1F03

External Course Webpage:

http://ms.mcmaster.ca/~clemene/math1F03.html

- Course outline (topics covered, tentative test dates, how your final mark will be calculated, etc.)
- Schedule and homework (includes lecture outlines to download and suggested practice problems from the textbook)
- Detailed information for tests/exam
- Misc (learning resources, FAQs, useful links)

Math 1F03

MS Team:

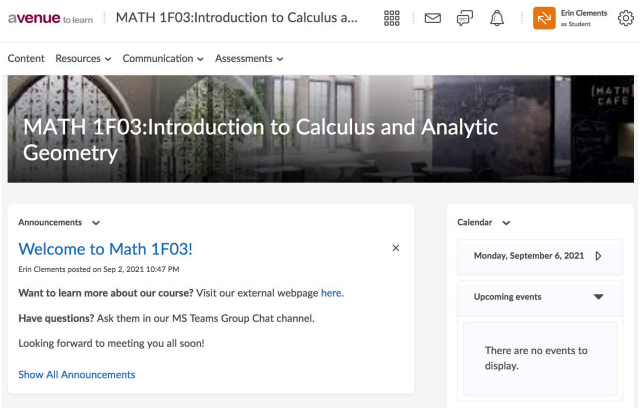
"Math 1F03 – Fall 2021"

- Tabs for External Course Webpage, Avenue, and Childsmath in channel **A. Home**
- Lecture material (outlines, handwritten notes) in channel **B. Lecture Content**
- Synchronous meetings in channel **C. Live Lectures**
- For you! Channel **D. Group Chat**
- Tutorial content, including synchronous meetings, in channel **E. Tutorials**

Math 1F03

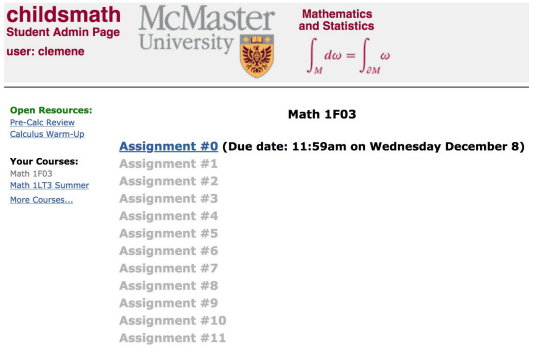
Avenue:

- Tests/Exam
- Grades



Childsmath:

- Assignments
- Test/Exam



Course Content

- review of functions
- limits
- derivatives
- applications of derivatives (optimization, curve sketching, etc.)
- introduction to vectors
- equations of lines and planes

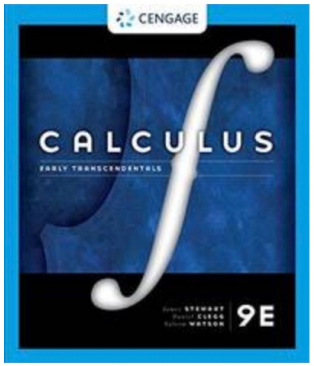
Work Involved

- Lecture notes
- Homework
- Assignments (15%)
- 2 Tests (40%)
- Final exam (45%)

Resources

Textbook

Calculus, 9th edition, by James Stewart



Calculator

McMaster standard calculator – Casio fx991MS+

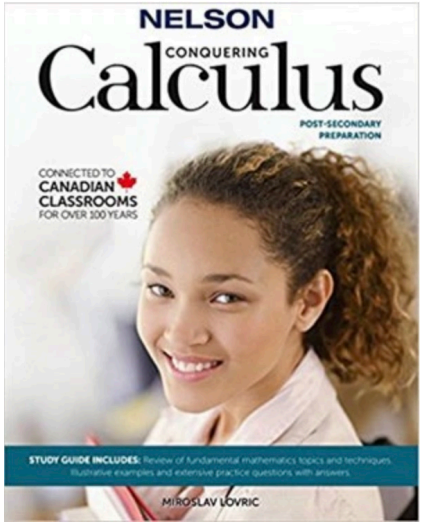
Optional Resources

Students' solutions manuals

[detailed solutions to selected problems from the text]

Conquering Calculus

[helps you review high school math]



Expectations…

* come to all lectures… make sure your lecture notes are organized and complete

* ideally, turn your camera on for synchronous sessions… it encourages a more active level of participation and helps develop a sense of community

Expectations…

* work on suggested practice problems and assignment questions regularly … an hour or so every day is more manageable (and beneficial!) than 8-10 hours right before a test

* take responsibility for your education … reflect on things, identify problems and deal with them immediately, ask for help when you need it, don't get behind (or, more realistically, recover quickly if you do)

Where to start…

* Visit and bookmark Math 1F03 webpage, get familiar with it

* Buy your textbooks, get organized

* Print lecture notes for this week's lectures

* Work on Assignment 0 in Childsmath