
Course Outline

Math 2008, Multivariable Calculus

Instructor: Dr. Abbas Momeni
Office: 4249 Herzberg Building
Office hours: 11:30-12:00 am on Tuesdays
E-mail: momeni@math.carleton.ca
Web-page: <http://www.math.carleton.ca/~momeni>

Lectures: In SA 404, 10:05-11:25 am Tuesdays/Thursdays.

Textbook: The ABC of Calculus, Volume 2, by Angelo Mingarelli, (see books.mingarelli.com for the digital copy, Softcover copies are also available in HP 4380).

Solutions Manual to go with the above text can be found

<https://people.math.carleton.ca/~angelo/calculus/ABC-Solutions-Apr22-2021-Pandemic.pdf>

Calculator: You may use a basic calculator..

Main Topics: Vectors, Applications to Area and Length of curves, Limits; Continuity; Partial Derivatives, Directional derivatives; Gradients, Line Integrals, Multiple integrals, Divergence theorem, Maxima and minima.

I will be posting a detailed list of topics together with a list of suggested practice problems on the Brightspace.

Grading scheme

Three term tests on Oct 4, Nov 1, Nov 29 during your tutorial. (The best two out of three will be considered): 40%

–Final: 60%

The grading scheme will not be changed. There will be no make-up, early or delayed tests. Only absences due to serious and unforeseen illness, jury duty or extreme personal misfortune may be excused. In that case, the final exam will count for the portion of grades corresponding to the missed test. Otherwise, any missed evaluation will be counted as zero. Students who miss the final examination may be eligible for a deferred exam. Application for a deferral must be made, with appropriate documentation, to the Registrar's Office within five working days after the examination.

The academic withdrawal date this fall is November 11, 2022 (<https://calendar.carleton.ca/academicyear/>).

Academic Accommodation

In place of a doctor's note or medical certificate, students will be advised to complete the self-declaration form available on the Registrar's Office website to request academic accommodation for missed course work including exams and assignments. Students will also be encouraged to connect directly with their instructors to discuss required accommodations arising from the COVID-19 situation.

Miscellaneous:

It is important to remember that COVID is still present in Ottawa. The situation can change at any time and the risks of new variants and outbreaks are very real. There are a number of actions you can take to lower your risk and the risk you pose to those around you including being vaccinated, wearing a mask, staying home when you're sick, washing your hands and maintaining proper respiratory and cough etiquette.

Feeling sick? Remaining vigilant and not attending work or school when sick or with symptoms is critically important. If you feel ill or exhibit COVID-19 symptoms do not come to class or campus. If you feel ill or exhibit symptoms while on campus or in class, please leave campus immediately. In all situations, you must follow Carleton's symptom reporting protocols.

Masks: Carleton has paused the COVID-19 Mask Policy, but continues to strongly recommend masking when indoors, particularly if physical distancing cannot be maintained. It may become necessary to quickly reinstate the mask requirement if pandemic circumstances were to change.

Vaccines: Further, while proof of vaccination is no longer required as of May 1 to attend campus or in-person activity, it may become necessary for the University to bring back proof of vaccination requirements on short notice if the situation and public health advice changes. Students are strongly encouraged to get a full course of vaccination, including booster doses as soon as they are eligible, and submit their booster dose information in cuScreen as soon as possible. Please note that Carleton cannot guarantee that it will be able to offer virtual or hybrid learning options for those who are unable to attend the campus.

All members of the Carleton community are required to follow requirements and guidelines regarding health and safety which may change from time to time. For the most recent information about Carleton's COVID-19 response and health and safety requirements please see the University's COVID-19 website and review the Frequently Asked Questions (FAQs). Should you have additional questions after reviewing, please contact covidinfo@carleton.ca.

Students with disabilities requiring academic accommodations in this course are encouraged to contact the Paul Menton Center for Students with Disabilities (500 University Center: Call 613-520-6608 or email pmc@carleton.ca)”