

MATH 2007A— Summer 2021
Elementary Calculus II

Instructor	Dr. Eric Hua, xhua@math.carleton.ca
Course Web	Brightspace
Office Hours	Tue & Thu 19:55-20:30, or by appointment, or by email (email Subject: MATH 2007A).
Textbook	Single Variable Calculus: Early Transcendentals, 9 th edition (8 th , or 7 th edition is ok), by James Stewart, Brooks/Cole. Carleton bookstore .
Lectures	May 06, 2021 to Aug 16, 2021. The classes are formally scheduled to be held on Tuesday and Thursday 18:35 - 19:55. However, the course will run asynchronously for some parts. Lecture recordings will be uploaded to the Brightspace on a regular basis. Tuesday: 18:35-19:55, live class Thursday: pre-recording.
Tutorial	Tuesday: 17:35-18:25
Assignments	You will have 3 assignments. The due dates will be June 1st , July 20th , Aug 3rd , due at 10pm.
Tests	There will be two tests, on the following dates: <ul style="list-style-type: none">• June 8 (Test 1), Tuesday, 18:35-19:55.• July 27 (Test 2), Tuesday, 18:35-19:55. There will be no early nor make up tests. If you miss a test, the weight will be added to the final exam.

Grading Scheme:

- **30% (two tests) + 30% (assignments) + 40% (Final Exam).**

Any change about term marks (tests and assignments) should be done on or before August 16.

Calculators: Non-programmable, non-graphing calculators are allowed.

Course Contents: Techniques of integration, improper integrals. Polar coordinates, parametric equations. Indeterminate forms, sequences and series, Taylor's formula and series.

Precludes additional credit for BIT 2007 (no longer offered), MATH 1002 (no longer offered), MATH 1005, MATH 2052.

Prerequisite(s): i) MATH 1004, or a grade of C- or higher in MATH 1007; or MATH 1052 and permission of the School.

Science Student Success Centre: <http://sssc.carleton.ca/>

Assignments: Assignments will be posted on Brightspace, and they will be submitted through Brightspace. Only a **single** pdf will be accepted with the questions in the correct order. If you have any changes after submission, you can resubmit before deadline. Assignments will NOT be acceptable after the due date for any reason.

Midterm Tests: The tests will be held on Brightspace. If you miss a test, its weight will transfer to the final exam automatically.

Final Examination: This is a 3-hour exam scheduled by the University. The exam is taking place during the period of August 19-25, 2021

It is each student's responsibility to be available at the time of the examination.

To Pass This Course: A student must obtain at least 50% of total and at least 30% of the final exam mark. Students who missed the examination may be eligible for a deferred exam, provided that they present an official signed medical note or another supporting document to the Registrar's Office. It is the Registrar's Office which makes the decision of granting a deferred examination.

e-Proctoring

Please note that tests and examinations in this course will use a remote proctoring service provided by Scheduling and Examination Services. You can find more information at <https://carleton.ca/ses/e-proctoring/>.

Homework

Will be listed on course website. Students are expected to do the exercises. These exercises are not to be handed in and will not be graded. However, in order to

succeed in the course, it is absolutely essential to do the exercises on a regular basis.

Calculators

You will need a basic scientific calculator for the tests and final exams. If you have a graphing and/or programmable calculator, you may find it useful for the assignments, but you will not be permitted to use it on the exams.

University Policies

Student Academic Responsibilities

Each student is responsible for:

- Knowing the due dates of in-tutorial marked problem sets and tests.
- Maintaining a folder of all work done in the course during the semester for validation claims in cases of disagreement with faculty.
- Keeping both paper and electronic copies of all assignments, marked and unmarked, in case papers are lost or go missing.
- Regularly checking both Brightspace announcements as well as one's Carleton e-mail account for important messages from both professor and university administration
- Participating in tutorial exercises and activities as required.

Class Conduct

To ensure an optimum-learning environment, students are expected to behave in a professional manner at all times. Disrupting a class is considered to be an Instructional Offence (see University Calendar). If a student exhibits disruptive behavior in class and chooses not to refrain from such behavior at the request of the instructor, the student will be asked to leave the class. The student's behavior will be reported to Campus Security and the Office of the Associate Dean of Student Affairs.

Student Academic Integrity Policy

Every student should be familiar with the Carleton University student academic integrity policy. A student found in violation of academic integrity standards may be awarded penalties, which range from a reprimand to receiving a grade of F in the course or even being expelled from the program or University. Some examples of offences are: plagiarism and unauthorized co-operation or collaboration. Information on this policy may be found in the Undergraduate Calendar.

Plagiarism

As defined by Senate, "plagiarism is presenting, whether intentional or not, the ideas, expression of ideas or work of others as one's own". The office of the Dean of Science will review such reported offences.

Unauthorized Co-operation or Collaboration

Senate policy states that "to ensure fairness and equity in assessment of term work, students shall not co-operate or collaborate in the completion of an academic assignment, in whole or in part, when the instructor has indicated that the assignment is to be completed on an individual basis". Please refer to the course outline statement or the instructor concerning this issue.

Academic Accommodations for Students with Disabilities

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website (www.carleton.ca/pmc) for the deadline to request accommodations for the formally scheduled exam (if applicable).

Academic Accommodation

To be worked out on individual basis with instructor. Consult Equity Services Website or an Equity Advisor, ext. 5622, for Policy and list of Holy Days (www.carleton.ca/equity). For Pregnancy Contact Equity Services (ext. 5622) to obtain letters of accommodation.

Student with Religious Obligations

1. As soon as you receive your course syllabus, identify any potential conflicts between your religious obligations and course requirements. NOTE: Contact Equity Services if you are unclear if your religious observance requires accommodation under the Policy

2. Make a formal written request to your instructor indicating the nature of the religious obligation and suggest possible alternative dates and/or means of satisfying the academic requirements.

NOTE: Such request should be made during the first two weeks of the term, or as soon as possible after a need for accommodation is known to exist, but in no case later than the second last week of classes for that term. Even if you are unclear as to the exact date of the obligation (e.g., when waiting for a moon sighting) you are still expected to notify your instructor of the potential conflict and explore accommodation options. 3. If your request for accommodation is denied you may contact Equity Services and request assistance in an informal review of the decision. http://www.carleton.ca/equity/accommodation/student_guide.htm

Medical Certificate

The following is a link to the official medical certificate accepted by Carleton University for the deferral of final examinations or assignments in undergraduate courses. To access the form, please go to <http://www.carleton.ca/registrar/forms>

[Important Dates](#)