

MATH 2X03: Advanced Calculus I 2016 Spring/Summer Term: Session 1

Lectures: Tuesdays and Thursdays from 7:00 pm to 10:00 pm at Hamilton Hall 302.

Instructor: Prayat Poudel

Office: Hamilton Hall 407

Office Hours: Tuesday and Thursday from 5:30 to 6:30 pm, or by appointment via email.

Email: ppoudel@math.mcmaster.ca

Phone: (905) 525-9140 x 26079

Course Webpage: <http://ms.mcmaster.ca/~ppoudel/Teaching/Sum-16/2X03.html>

Text: Stewart, Calculus: Early Transcendentals, 7th edition, ISBN 9780538497909

Course description: The course covers vectors and their applications, multivariable optimization, multiple integrals, vector fields and the theorems of Green, Gauss and Stokes.

Course Evaluation:

Item	Due Date	Percentage
Quizzes	There will be a 10-minute quiz during each class.	10%
Assignments	Homework sets are tentatively scheduled to be due each Tuesday (before class) in the drop-off box, located on the 1 st floor of Hamilton Hall (near HH 105).	15%
Mid-Term Test	There will be one class test tentatively scheduled on May 26 during the regular lecture time.	25%
Final Exam	The final exam will be on the last day of class (June 16, 7:00-9:30pm)	50%

Quizzes: There will a 10-minute quiz every class related to material taught during the same class. Don't miss any of these as **there will be no make-up quizzes**. I will drop 3 lowest quiz grades at the end of the semester, so if you are absent during a quiz, the absent quiz could be your dropped quiz.

Assignments: A total of 6 Assignments are scheduled this term. The best 5 grades will be counted toward your final grade. **Late homework will not be accepted**. Students are allowed to discuss the assignment questions. However, you must write and submit your own solutions individually.

Midterm Test: No make-up tests can be arranged. In the event of an exemption from the test, the weight will be transferred to the final exam.

Final Exam: The 2-hour 30-minute final examination will test cumulative knowledge.

Important: You **MUST** bring your student card to all tests and the final exam. If you do not bring it, your mark on that test or final exam will be zero.

Calculator: ONLY the standard Casio fx991 calculator is permitted on tests and the final examination. All other calculators are prohibited.

Missed Tests: If you miss a test due to medical or personal situations, you can use the McMaster student absence form (MSAF) on-line, self-reporting tool; you **MUST** then contact the instructor by e-mail within 2 days to be eligible for a modified marking scheme. (There will be **NO** make-up test.) Information regarding missed term work can be found at http://academiccalendars.romcmaster.ca/content.php?catoid=13&navoid=2208#Requests_for_Relief_for_Missed_Academic_Term_Work

Student Accessibility Services: Students who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Academic accommodations must be arranged for each term of study. Student Accessibility services can be contacted by phone 905-525-9140, ext. 28652 or e-mail sas@mcmaster.ca. For further information, consult McMaster University's Policy for Academic Accommodation of Students with Disabilities.

Academic Dishonesty: Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on a test, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university. It is **YOUR** responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty, please refer to the Academic Integrity Policy, located at <http://www.mcmaster.ca/academicintegrity>

Important Message: The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.