



Faculty of Science
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. **Course:** MATHEMATICS 251 - Calculus I
Lecture/Time/Session: L08 TR 12:30-13:45 ST 141 FALL 2003
Instructor(s): Prof. Aiden A. Bruen
Office/Phone/Email: MS 416 220-6324 bruen@math.ucalgary.ca
2. **Prerequisites:** A grade of 70% or higher in Mathematics 30 or Pure Mathematics 30 and a grade of 50% or higher in Mathematics 31.
NOTE: Credit for more than one of MATH 249, 251 and AMAT 217 will not be allowed.

NOTE: The Faculty of Science policy on pre- and co-requisite checking is outlined on page 198 of the 2003-2004 Calendar. **It is the students' responsibility to ensure that they have the pre- and co-requisites for the course. If they do not, they will be withdrawn from the course without notice.**

3. **Fee policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
4. **The University policy on grading and related matters** is described on pages 41-42 of the 2003-2004 Calendar. In determining the overall grade in the course, the following weights will be used:

Mid-term Test	[1]	20%	
Quizzes	[5]	30%	[Best 4 of 5]
Final Exam		50%	

There will be a final examination scheduled by the Registrar's Office. A passing grade on the final examination is essential to passing the course as a whole.

5. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined on page 199, of the 2003-2004 Calendar. It is the student's responsibility to familiarize herself/himself with these regulations.
6. **Academic misconduct** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the 2003-2004 University Calendar under the heading "Student Misconduct", pages 53-56.
7. **Dates and times of class exercises held outside of class hours (evening tests, Saturday laboratory examinations, weekend field trips, etc.):**
REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY

THERE WILL BE NO OUT OF CLASS ACTIVITY SCHEDULED FOR THIS COURSE.
8. **Text:** Calculus, Early Transcendentals -- 7th edition
Author: Anton, Bivens, Davis
9. There will be five quizzes, each of duration 35 minutes or less, administered during the regularly scheduled labs of this lecture section. There will be one mid-term test and a two-hour final exam. A passing grade on the final exam is necessary to pass the course.
10. Calculators **ARE NOT** permitted at quizzes, mid-term test, or the final exam.
11. In addition to the instruction provided by their lecturer and tutorial instructor, there is a continuous tutorial available where students may obtain individual help with questions about the course material and exercise problems. Faculty members and graduate students will be available in the continuous tutorial room to answer questions in a one-to-one fashion. Tutorials are in MS 365 and open MTWR 11:00-15:00 and F 11:00-14:00 beginning M, September 15th.

12. Students who already know the material of MATH 251 and wish to proceed immediately to take MATH 253 may take a Challenge Examination. The test is essentially a final exam in MATH 251 and a grade of A or A- is required to proceed immediately to MATH 253. Only those students who have never before enrolled in MATH 251 and who wish to take MATH 253 are eligible to write the test. Applicants should have done exceptionally well in high school mathematics. The test is held early during the second week of classes. The exact date and application materials can be obtained from Dr. A.F. Ware in MS 586 (220-7200) or J. Longworth in MS 476 (220-5203).

13. **SCUM**

The Society for Calgary Undergraduate Mathematics is located in MS337A. They sell exam packages, run final reviews, and can often assist with problems. The office is open from 10am to 3pm Monday-Friday, and you are welcome to drop by. They look forward to meeting you!

Week		Sections Covered	Events
1	Sept 8-12	1.1, 1.2, 1.4	
2	Sept. 15-19	1.5, 2.1, 2.2	Labs Begin
3	Sept. 22-26	2.2, 2.5, 2.6	QUIZ 1
4	Sept 29-Oct. 3	3.1, 3.2, 3.3	
5	Oct. 6-10	3.3, 3.4, 3.5	QUIZ 2
6	Oct. 14-17	3.6, 3.7, 3.9	NO LAB OCT. 13
7	Oct. 20-24	4.1, 4.2, 4.3	QUIZ 3
8	Oct. 27-Oct. 31	4.5, 5.1	MIDTERM: THURSDAY, OCT. 30
9	Nov. 3-7	5.1, 5.2, 5.4, 5.5	
10	Nov. 12-14	5.6, 5.8	NO LAB NOV. 10 OR 11 NO LECTURE NOV. 11
11	Nov. 17-21	6.1, 6.2, 6.3, 6.4	QUIZ 4
12	Nov. 24-28	6.4, 6.5, 6.6	QUIZ 5
13	Dec. 1-5	6.6, Review	
14	Dec. 8	Review	