UNIVERSITY OF CALGARY

Faculty of Science
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. **Course**:   **Math 349**   **Fall 2004**
    Lecture/Time/Session: **L01**   **11:00 M W F (50 min)**   **Room: SB142**
    Instructor: Kristine Bauer
    Office: MS 440   **Phone: 220-7675**
    e-mail: kristine@math.ucalgary.ca   **webpage:** http://www.math.ucalgary.ca/~kristine

2. **Prerequisites: Mathematics 253 or 263 or Applied Mathematics 217; and Mathematics 211 or 221.**
   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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**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:

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

   A passing grade on the final exam of the course is essential to passing the course as a whole. There will be a 2 hour final examination scheduled by the Registrar's Office. The use of calculators will be permitted.

5. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined in the current University Calendar, *Faculty of Science, section 6a*. 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.

   A make-up exam will be scheduled for the midterm examination during the week of November 8 in the evening. Students with legitimate reasons for missing the regular exam must provide documentation to the instructor as soon as possible in order to be granted admittance to the make-up exam.
   Associate Dean's approval for out of regular class time activity:

8. **Text**: Calculus of Several Variables, 5th edition or A Complete Course. **Author**: Robert A. Adams.

9. **QUIZZES:** There will be five quizzes, each of duration 30 minutes, administered during the regularly scheduled labs. No make-up quizzes will be given.   The scheduled labs with quizzes are:

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TUESDAYS: Sept. 21; Oct. 5, 19; Nov. 16, 30.

Or

THURSDAYS: Sept. 16, 30; Oct. 14; Nov. 18; Dec. 2.

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10. **MIDTERM:** This is a 50 minute written examination held in the lecture period on **Friday, November 5th.** The midterm is worth 20% of the final grade on the course. The use of calculators will be permitted.

11. **HOMEWORK:** A list of recommended problems can be found on the course web page. Homework will not be collected, but you should expect to do 10-20 problems per lecture to keep up with the course. Failure to attempt homework problems usually results in corresponding performance on quizzes and examinations.

12. **SCUM:** The **S**ociety for **C**algary **U**ndergraduate **M**athematics is located in MS 337A. They sell exam packages, run final exam reviews, and can often assist with problems. The office is open from 10am to 3pm Monday – Friday, and you are welcome to drop by. Membership has its privileges!

LECTURE SCHEDULE:

	M	W	F	MATERIAL	EXAMINATION
September		8	10	9.1	
	13	15	17	9.2, 9.3	Quiz1 (Tuesday)
	20	22	24	9.4	Quiz 1 (Thursday)
	27	29		9.5, 9.6	
October			1	9.6	Quiz 2 (Thursday)
	4	6	8	10.1 – 10.4	Quiz 2 (Tuesday)
	11	13	15	11.1, 11.2	Quiz 3 (Thursday) October 11 (Thanksgiving day)
	18	20	22	11.3, 11.4	Quiz 3 (Tuesday)
	25	27	29	12.1, 12.2	

November	1	3	5	12.3, 12.4	**Midterm Nov. 5** (In class)
	8	10	12	12.5	
	15	17	19	12.6, 12.7	Quiz 4 (Tuesday and Thursday)
	22	24	26	12.8	
	29			12.9	Quiz 5 (Tuesday)
December		1	3	12.9 (cont'd)	Quiz 5 (Thursday)
	6	8		Review.	