

COURSE INFORMATION SHEET

FALL 2006

1. **Course:** MATHEMATICS 349 -- CALCULUS III
Lecture/Time: L02 MWF 14:00 ST 147
Instructor: V. Stastna
Office/Phone/Email: MS 450 220-3345 vstastna@math.ucalgary.ca

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 in the current University Calendar (see www.ucalgary.ca/pubs/calendar) *Faculty of Science, section 5C*. 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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.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. **Academic Accommodations:** It is the student's responsibility to request academic accommodations. A student with a documented disability who may require academic accommodation must register with the Disability Resource Centre to be eligible for formal academic accommodation. DRC registered students are required to discuss their needs with the instructor no later than fourteen (14) days after the start of this course.

5. **The University policy on grading and related matters** is described in the current University Calendar, *Academic Standings*. In determining the overall grade in the course, the following weights will be used:

Quizzes	[5]	30%
Midterm Test	[1]	20%
Final Exam		50%

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

6. **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.

7. **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 current University Calendar. See: <http://www.ucalgary.ca/honesty/>

7. **Dates and times of class exercises held outside of class hours (evening tests, Saturday laboratory examinations, weekend field trips, etc.):**

90 MINUTE MIDTERM: November 10, 16:30, location TBA.

REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME ACTIVITY. If you have a conflict with this out of class time activity, please inform your instructor at least one week in advance of the activity so that other arrangements may be made for you.

8. Text: Adams: Calculus of Several Variables OR A complete Course, any edition.

9. Quizzes will be written in tutorials:

TUESDAYS: Sep 26, Oct 10, 24, Nov 21, Dec 5

THURSDAYS: Sep 28, Oct 12, 26, Nov 16, 30

10. Midterm will be held outside of class time : **NOVEMBER 10, 2006, 16:30**

Calendar Description: H(3-1T)

Infinite sequences and series. Polar coordinates, parametric equations, arc length. Vector geometry, differentiation of vector-valued functions. Partial differentiation.

TENTATIVE CALENDAR (sections are from "Several Variables", 5th edition):

	Date Reference	Section Reference	
WEEK OF SEPTEMBER	11	9.1	
	18	9.2, 9.3	
	25	9.4	Quiz (T); Quiz (R)
WEEK OF OCTOBER	2	9.5, 9.6	
	9	10.1-10.4	Quiz (T); Quiz (R)
	16	11.1, 11.2	
	23	11.3, 11.4	Quiz (T); Quiz (R)
	30	12.1, 12.2	MIDTERM Nov 10
WEEK OF NOVEMBER	6	12.3, 12.4	
	13	12.5	Quiz (R)
	20	12.6, 12.7	Quiz (T)
	27	12.8	Quiz (R)
WEEK OF DECEMBER	4	12.9	Quiz (T)