



Faculty of Science
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. **Course:** MATHEMATICS 349 - CALCULUS III **FALL 2004**
Lecture/Time/Session: L02 MWF 14:00-14:50 **Room:** ST 147
Instructor: V. Stastna
Office: MS 450 **Phone:** 220-3345 **email:** 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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**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. **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%
Mid-term 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 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 current University Calendar under the heading *Student Misconduct*.

7. **Dates and times of class exercises held outside of class hours (evening tests, Saturday laboratory examinations, weekend field trips, etc.):** ****There will be no out-of-class-time activities.****

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 21; Oct 5, 19, Nov 16, 30

or

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

10. Midterm will be held **NOVEMBER 5** in class

Calendar Description: H(3-1T)

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

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

	<u>Date Reference</u>	<u>Section Reference</u>
WEEK OF SEPTEMBER	8	9.1
	13	9.2, 9.3
	20	9.4
	27	9.5, 9.6
WEEK OF OCTOBER	4	10.1 - 10.4
	12	11.1, 11.2
	18	11.3, 11.4
	25	12.1, 12.2
WEEK OF NOVEMBER	1	12.3, 12.4
	8	12.5
	15	12.6, 12.7
	22	12.8
	29	12.9
WEEK OF DECEMBER	6	Review