

The University of Calgary
Faculty of Science
Department of Mathematics and Statistics
Course Information Sheet

1. Course : **MATHEMATICS 251 – – Calculus I**
Lecture/Time/Session : L07. TR 11 : 00 – 12 : 15 , ST 145 FALL 2003
Instructor : Dr. I. Nikolaev
Office : MS 442 (220 – 5691)

2. Prerequisites: A grade of 70% or higher in Mathematics 30 or equivalent; and a grade of 50% or higher in Mathematics 31.

Note: The Faculty of Science policy on pre- and co-requisite checking is outlined in the University Calendar. **It is the students' responsibility to ensure that they have the pre- and/or co-requisites for the course. If they do not meet the requirements they will be withdrawn from the course without further notice.**

3. There will be no refund of tuition fees if a student withdraws from a course, courses or the session after the last day to add/drop courses.
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	30%	
Midterm Test	20%	[Best 4 of 5]
Final Exam	50%	

Please see the dates, locations and times of the mid-term examination and quizzes on the second page. There will be a final examination scheduled by the Registrar's Office. A passing grade on the final exam is necessary to pass the course.

5. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined in the University Calendar. It is the responsibility of the student 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: There will be no out-of-class-time activities.
8. **Text:** *Single Variable Calculus*. Author: R. Adams, 5th Edition. Publisher: Addison-Wesley.
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 the quizzes, mid-term test or the final exam. Any necessary formula sheets will be provided.
11. In addition to the instruction provided by their lecturer and tutorial instructor, there is a continuous tutorial available where the 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. The location and hours of the continuous tutorial will be announced by the lecturer.

12. Students who know the material of MATH 251 and wish to immediately proceed to take MATH 253 may take an advanced placement test. 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 take the test. Applicants should have done exceptionally well in high school mathematics. The test is held early in the term. 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).

Every attempt will be made to stick to the following calendar:

Month	Week	Section	Exam
September	9-13	p.1-p.6,	
September	16-20	1.1-1.4	
September	23-27	2.1-2.3	Quiz 1
September	30	2.4	
October	2-4	2.4-2.6	Quiz 2
October	7-11	2.8-2.10	
October	14-18	2.11-3.1	October 14 Thanksgiving
October	21-25	3.2-3.4	Quiz 3
October	28-30	4.1-4.2	
November	1	4.3	
November	4-8	4.4-4.6	November 4 Midterm
November	11-15	4.7-4.8	November 11,12 Reading Days
November	18-22	4.9-5.2	Quiz 4
November	25-29	5.3-5.5	
December	2-6	5.6, Review	Quiz 5