



Faculty of Science
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. **Course:** Math 249
Lecture/Time/Session: L07 13:00 MW F (50 min) Winter 2004
14:00 M (50min) Room: ST143
Instructor: Deborah Oliveros-Braniff
Office: MS 390 Phone: 220-6775
e-mail: deborah@math.ucalgary.ca

2. **Prerequisites:** A grade of 70% or higher in Mathematics 30 or Pure Mathematics 30.

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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**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:

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

A passing grade on any particular component of the course is essential to passing the course as a whole. There will be a final examination scheduled by the Registrar's Office. One aid sheet is permitted.

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.):** There will be no out-of-class-time activities.

8. **Text:** Calculus Early Transcendentals

Author: Anton, Bivens and Davis, 7th Edition. Publisher, Wiley.

9. **Quizzes:** There will be five quizzes, each of duration 30 minutes, administered during the regularly scheduled labs of this lecture section. No make-up quizzes will be given. The best 4 of 5 quiz scores will be used for 30% of the final grade in the course.

10. **MIDTERM:** This is a 50 minute written examination held in the lecture period on **FRIDAY, March the 12th**. This midterm is worth 20% of the final grade on the course.

12. **FINAL EXAMINATION:** This will be a 2-hour test worth 50% of the final grade, scheduled by the Registrar. A passing grade on the final exam is necessary to pass the course.

13. Calculators **ARE NOT** permitted at quizzes, mid-term test, or the final exam.

14. 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. The location and hours of operation of the continuous tutorial will be announced by the lecturer.

LECTURE SCHEDULE:

	M	W	F	MATERIAL	EXAMINATION
January	12	14	16	Appendix A, B,	
	19	21	23	Appendix C, D, E,	Quiz 1
	26	28	30	1.1,1.2,1.4	
February	2	4	6	2.1,2.2, 2.3	Quiz 2
	9	11	13	2.5, 2.6, 3.1	
	16	18	20	Reading week	No lectures
	23	25	27	3.2, 3.3, 3.4	Quiz 3
March	1	3	5	3.5,3.6,3.7	
	8	10	12	3.8,4.1	Mid-Term (March 12)
	15	17	19	4.2, 4.3, 5.1	
	22	24	26	5.2, 5.3, 5.5, 5.6	
	29	31			Quiz 4
April			2	5.8, 6.1, 6.2	
	5	7	9	6.3, 6.5,6.6	April 9 No lecture
	12	14	16	6.6,6.8 Review	Quiz 5

Math 249, Lecture 07/09, Winter 2004.
Recommended Problems from text: Anton, Bivens, Davis 7th Edition

Section:	Page:	Questions:
Appendix A	A9- A10	9,10,13,21,22(a,b,d),31,33,41,43 46
Appendix B	A15	3,23,27,31,35
Appendix C	A26-A27	41,43,51
Appendix D	A34-A35	2,5,16,23(a,c),25,45,47
Appendix E	A47-A49	1(a,d),5,7,9,15(a,d),19 37,45(a),47
1.2	25-26	2(b),3(d),4(c),5(b),8,13(b),19
1.4	49-51	31,33,37,41,43,45,51(b),62,63,79
2.1	119-120	9,10,13
2.2	130	9,15,17,22,36,37,38,39
2.3	136-137	11,13,17,20,27,31
2.5	157-158	13,15,21,23,25(a),40,43
2.6	163	17,23,25,27,31,41,42
3.2	188-190	13,19,23,25,26(b),27,37,43,44
3.3	198-200	6,11,22,25,26,39,45(a),59,65,78, 84
3.4	203-204	3,9,13,17,21,27,31,41
3.5	208-210	1,3,7,19,21,31,39,45,62
3.6	217-218	5,13,19,21,29,31
3.8	232-233	10,11,13,20,27
4.1	251	10,17,23
4.2	260-261	5(a)(d),6(d),17,18,23,25,27,33,35
4.3	267-268	3,7,13,15,23,25,31,39,41,44,45, 56
5.1	298	13,21,26
5.2	306-307	9(a),11(a),17,19(a),31,32,37
5.3	319-320	5,13,21,27,41,47
5.4	330-332	11(a,b,c,d),23,34,39
5.5	339	10,16
5.6	350-353	6,23,29,50,56
5.8	363-365	13,26,33,34,46
6.2	385	11,15,23,25,27
6.3	393	13,21,23,31,33,35,43,48
6.5	414-415	16,29
6.6	424-426	19,20,49,50,51
6.8	444	25,35,36,37,41