

THE UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
 Department of Mathematics and Statistics
COURSE INFORMATION SHEET

1. **Course: Math 253- Calculus II**

Summer 2008

| <u>Lecture</u> | <u>Days</u> | <u>Time</u> | <u>Location</u> | <u>Instructor</u> | <u>Office</u> |
|----------------|-------------|-----------------------------|-----------------|-------------------|---------------|
| L60 | MTWR | 11:00 | ST 130 | A. Amiraslani | MS 544 |
| | | email: aamirasl@ucalgary.ca | | | |
| B60 | TR | 12:30 | MS 371 | A. Ohlhauser | |
| T60 | MW | 12:30 | MS 371 | S. Zhukovskiy | |
| B61 | TR | 12:30 | MS 325 | D. Glin | |
| T61 | MW | 12:30 | MS 325 | D. Glin | |

2. **Prerequisite(s): Math 249 or 251 or Amat 217** Corequisite: **None**

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responsibility to ensure that they have the pre- and/or co-requisites for the course, and if they do not they will be withdrawn from the course without further notice.**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

| | |
|---------------------------------|------------|
| Homework (6) | 10% |
| Mid-term Test (50 mins.) | 25% |
| Quizzes (4) | 15% |
| Final Exam | 50% |

There will be a final examination scheduled by the Registrar's Office. Students must obtain at least a grade "D" on the final examination in order to obtain an overall final grade of D or better.

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/>

8. There will be no out-of-class-time activity.
9. There will be one mid-term examination.
10. **Text:** either *Calculus: a Complete Course* or *Calculus: Single Variable* 6th edition. by R. A. Adams, Addison-Wesley.
11. **Calculators:** The use of calculators during quizzes, the midterm test, or final examination is **not** permitted.
12. **Homework & Quizzes:** Homework problems will be assigned (approximately) weekly.
The weekly tutorials are each of 55 minute duration (T60 and T61). If you have problems with any questions you can ask your tutorial instructor for help during this time. In addition, during four of these tutorials (see the course schedule) there will be a quiz of 50 minutes duration.
These will be held in MS 371 and MS 325 (B60 and B61). They will also be *Open Book*. You can bring any textbook and/or your notes, but Calculators will not be allowed.
13. There is a webpage for this course which will be provided later in class. Information about this course including all sample worksheets and announcements will be posted there.

SCHEDULE

| WEEK | | | |
|--------|-------------|-------------------------|-----------------------|
| NUMBER | DATE | SECTIONS OF TEXT | TEST/QUIZ/ASSIGNMENT |
| 1 | J 02 - J 03 | 3.1, 3.2, 3.3 | No Quiz; Assignment 1 |
| 2 | J 07 - J 10 | 3.5, 3.6, 6.1, 5.6 | Quiz 1; Assignment 2 |
| 3 | J 14 - J 17 | 6.2, 6.3, 6.6. | Quiz 2; Assignment 3 |
| 4 | J 21 - J 24 | 6.5, 5.7, 7.1 | Quiz 3; Assignment 4 |
| 5 | J 28 - J 31 | 7.3, 4.8, 7.9 and notes | No Quiz; Assignment 5 |
| 6 | A 04 - A 07 | 7.9, 3.7 and notes | Midterm; Assignment 6 |
| 7 | A 11 - A 14 | 3.7 and notes | Quiz 4; No Assignment |

NOTES:

1. The section numbers refer to the text by Adams: a Complete Course. Some departures from this schedule may take place.
2. The *Closed Book* Midterm is scheduled for the week of August 04 to August 07. No Calculators will be allowed.
3. By the end of each week you should have mastered the sections of the text indicated on the course schedule and the corresponding assignment. You should prepare for each lecture by reading the text and for each tutorial by attempting to do as many exercises as possible in advance. Math is like weight-lifting – the more reps you do, the stronger you get! In addition to the assigned homework problems there are many problems in the textbook that you can try. The answers to the odd-numbered exercises are given in the back of the book, so we recommend that you try these first. Your lectures will not necessarily cover everything in detail; they should guide you in your study of the text. Similarly, your tutorial instructor should help you diagnose your difficulties and teach you how to overcome them.

Department Approval: _____ Date: _____