UNIVERSITY OF CALGARY

FACULTY OF SCIENCE

Mathematics and Statistics - MS 476
Ph: (403) 220-5203

# COURSE INFORMATION SHEET

**WINTER 2010**

1. **Course**: MATHEMATICS 253 -- Calculus II
   **Lecture/Time**: L05 TTH 9:30-10:45
   **Instructor**: Veronique Godin
   **Office/Phone/Email**: MS 531. vgodin@math.ucalgary.ca
   **Labs: B17 W 13:00-13:50 in MS371**
   **B18 W 13:00-13:50 in MS325**
   **B19 F 10:00-10:50 MS371**
   **B20 F 10:00-10:50 MS 325**

2. **Prerequisites**: Math 249 or 251 or 281 or Amat 217.
   **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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**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:

| | | |
|---|---|---|
| *Assignments* | [ 10 ] | 10% |
| *Quizzes* | [ 4 ] | 20% |
| *Midterm Test* | [ 1 ] | 20% |
| *Final Exam* | | 50% |

   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 as a whole. The use of aids such calculators, open book, etc. **are not** permitted at quizzes, the midterm test, and the final exam.

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 be familiar 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. **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 ACTIVITY.*****

REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME ACTIVITY. If you have a conflict with any 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.

9. **Text:** *Calculus, Single Variable* 6th or 7th Edition R. A. Adams *Addison-Wesley* **or** *Calculus, A Complete Course* 6th or 7th Edition
R. A. Adams, *Addison-Wesley*.

10. There is a Continuous Tutorial run on a drop-in basis where you can ask an instructor for help with material of this course. The Continuous Tutorial will be held in MS 365, MTWR 11:00-15:00 and F 11:00-14:00.

**SCHEDULE**

| Week | Date | Text Sections | Assignment Due | Quiz |
|---|---|---|---|---|
| 1 | J 11-15 | 3:1,2,3 | | |
| 2 | J 18-22 | 3:5,6 | #1 | |
| 3 | J 25-29 | 5:6, 6:1,2 | #2 | #1 B01 and B03 |
| 4 | F 1-5 | 6:2,3 | #3 | #1 B02 and B04 |
| 5 | F 8-12 | 6:5,6 | #4 | #2 B01 and B03 |
| | F 15-19 | | Reading Week | |
| 6 | F 22-26 | 5:7, 7:1 | #5 | #2 B02 and B04 |
| 7 | M 1-5 | 7:1,3 | #6 | |
| 8 | M 8-12 | 4:10 | Midterm Test | |
| 9 | M 15-19 | 7:9 | #7 | |
| 10 | M 22-26 | 7.9, 3.7 | #8 | #3 B02 and B04 |
| 11 | M 29-A 23 | 7.7 | #9 Good Friday | #3 B01 and B03 |
| 12 | A 5-9 | 3.7, 17:1-6 | | #4 B02 and B04 |
| 13 | A 12-16 | 17:1-6, Review | #10 | #4 B01 and B03 |

The text sections in the schedule refer to *Calculus, Single Variable* 7th Edition by R. A. Adams.

The assignments and quizzes are delivered by the Webwork system. The quizzes are held in the computer room MS 317.

The quizzes cover the following material:

Quiz 1 covers Assign. 1 and text 3:1,2,3.
Quiz 2 covers Assign. 2 and text 3:5,6.
Quiz 3 covers Assign. 6 and 7 and text 5:7, 7:1, 7.3, 4:10, 7:9.
Quiz 4 covers Assign. 8 and 9 and text 7.9, 3.7.

Some departures from this schedule may occur.