UNIVERSITY OF CALGARY

FACULTY OF SCIENCE – MATHEMATICS & STATISTICS - MS 476

Ph: (403) 220-5203; E-mail: undergrad@math.ucalgary.ca

COURSE OUTLINE

FALL 2011

1. **Course ID and number**: Mathematics 253 – Calculus II
   Lecture/Time: L01 , MWF 16:00-16:50
   Instructor/Office/Phone/Email: G. Gour, MS436, 220-3939, gour@ucalgary.ca
   Office Hours:
   Course Website or Blackboard course name: http://math.ucalgary.ca/~gour/f11/math253/index.html

2. **Prerequisites**: Math 249 or 251 or Amat 217
   (see Section 3.5C of Faculty of Science www.ucalgary.ca/pubs/calendar/current/sc-3-5.html
   and Course Descriptions: www.ucalgary.ca/pubs/calendar/current/course-desc-main.html)

3. **Grading:** The University policy on grading and related matters is described in sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course, the following weights will be used:

Assignments	[10]	20%	
Midterm	[1]	30%	(Wed, Nov 2, 2011)
Final Exam		50%	(To be scheduled by the Registrar)

   The various components above will be assigned a percentage score and will be combined with the indicated weights to produce an overall percentage in the course. The conversion table between course percentage and letter grade will be provided at least one week before the withdrawal deadline.

   A passing grade in the Final Examination is essential for an overall grade of C- or better.

4. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in section 3.6: **www.ucalgary.ca/pubs/calendar/current/sc-3-6.html.** It is the student's responsibility to be familiar with these regulations. See also www.ucalgary.ca/pubs/calendar/current/e-3.html.

5. **There will be no out of class time activity.**

6. **Textbook**: Either Calculus: a Complete Course or Calculus: Single Variable, second edition, by J. Rogawski, Freeman.

7. **Examination Policy**: **No** Calculators or other aids will be allowed during Quizzes and Exams. Students should also read the Calendar, Section G, on Examinations: **www.ucalgary.ca/pubs/calendar/current/g.html**

8. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

(a) **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 University Calendar under K. Student Misconduct (http://www.ucalgary.ca/pubs/calendar/current/k.html) to inform yourself of definitions, processes and penalties

(b) **ASSEMBLY POINTS in case of emergency during class time. Be sure to FAMILIARIZE YOURSELF with the information at http://www.ucalgary.ca/emergencyplan/assemblypoints**.

(c) **ACADEMIC ACCOMMODATION POLICY.** Students with documentable disabilities are referred to the following links:
Calendar entry on students with disabilities: **http://www.ucalgary.ca/pubs/calendar/current/b-1.html**
Disability Resource Centre: **http://www.ucalgary.ca/drc/**

(d) SAFEWALK: Campus Security will escort individuals day or night (**http://www.ucalgary.ca/security/safewalk/**). Call **220-5333** for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.

(e) FREEDOM OF INFORMATION AND PRIVACY: This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence**, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page**. For more information see also **http://www.ucalgary.ca/secretariat/privacy.**

(f) STUDENT UNION INFORMATION: VP Academic **Phone**: 220-3911 **Email**: suvpaca@ucagary.ca.
SU Faculty Rep. **Phone:** 220-3913 **Email:** sciencerep@su.ucalgary.ca **Website** **www.su.ucalgary.ca/home/contact.html**.
Student Ombudsman: **http://www.su.ucalgary.ca/services/student-services/student-rights.html**

(g) INTERNET and ELECTRONIC COMMUNICATION DEVICE Information. You can assume that in all classes that you attend, **your cell phone should be turned off**. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.

Notes:

- The schedule of this course can be found in:
  http://math.ucalgary.ca/~gour/f11/math253/calendar.html

- The section numbers refer to the text by Rogawski, Second Edition. Some departures from this schedule may take place.

- Homework problems will be assigned (approximately) weekly. These are to be completed using the computer homework system WEBWORK that can be accessed at http://webwork.ucalgary.ca. Each student will have an account and the assignments can be done from any computer with web access. Your answers to the assignment questions will be checked and marked (by the computer) on a right/wrong basis. We will give more details about the system and how to use it during the term.

- The Midterm schedule can be found in the above website. No Calculators or other aids will be allowed.

- The weekly tutorials are each of 50 minute duration. If you have problems with any questions you can ask your tutorial instructor for help during this time.

- 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 WEBWORK 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.