

COURSE INFORMATION SHEET
WINTER 2010

1. **Course:** **MATHEMATICS 249 - Introductory Calculus** (Webwork Edition)
Lecture/Time: L03 TR 09:30-10:45, F 08:00-08:50
Instructor(s): G.W. Sands
Office/Phone/Email: MS 566 403-220-6310 sands@ucalgary.ca

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

NOTE: Not open to students with 60% or higher in Math 31, except with special departmental permission. Credit for more than one of MATH 249, 251, 281 and AMAT 217 will not be allowed.

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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**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%
Mid-term Test	[1]	20%
Final Exam		50%

There will be a final examination scheduled by the Registrar's Office. A passing grade on the final examination is necessary to passing the course as a whole.

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 under the heading *Student Misconduct* and the information on integrity at 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.):**
REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY

THERE WILL BE NO OUT OF CLASS ACTIVITY SCHEDULED FOR THIS COURSE.

9. **Text:** Calculus: Early Transcendentals, Single Variable

Author: Anton, Bivens, Davis

10. There will be four quizzes, each of duration 50 minutes, administered during the regularly scheduled labs of this lecture section. There will be ten assignments, one mid-term test and a two-hour final exam. A passing grade on the final exam is necessary to pass the course.
11. Only the Windows Calculator will be allowed for quizzes. No calculators are allowed for mid-term test and the final exam.
12. 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 and posted to the course website: <http://math.ucalgary.ca/courses>
13. **SCUM**
The Society for Calgary Undergraduate Mathematics is located in MS337A. They sell exam packages, run final reviews, and can often assist with problems. Please see their website for drop-in hours and events. They look forward to meeting you! <http://math.ucalgary.ca/~scum/>
14. **UCAS**
University of Calgary Actuarial Society is a great way for actuarial students to meet each other as well as potential employers. They hold events throughout the year with local actuarial companies that are great for networking. UCAS is also a great source of knowledge on the actuarial field and on information about SOA and CAS exams, which courses are best to take and what companies offer summer work programs. UCAS is located in MS 522. Please see their website for office hours and more information. www.ucalgary.ca/~actuary
15. **CALCULUS CONNECTIONS**
Calculus Connections is a companion course to this one offered by Y. Elsabrouty. There are no prerequisites and there is no cost to the student. The Monday/Wednesday sessions will review the relevant high school material, while the Tuesday/Thursday sessions will integrate the background material with the calculus topics and explain the main concepts, give examples and strategies. Added to this are midterm and final examination reviews. The schedule is available at the course website listed above.