

## COURSE OUTLINE

### SPRING 2012

#### 1. MATH 249 - Introductory Calculus

Lecture	Days	Time	Location	Instructor	Office	Phone	Email
L20	MWF	10:00 -12:25	ST 147	Seck, B	MS 564	220-3936	<a href="mailto:babacar@ucalgary.ca">babacar@ucalgary.ca</a>
B20	TR	16:00 -16:55	MS 427	Kamrujjaman, M	MS 388	220-4431	<a href="mailto:mkamrujj@ucalgary.ca">mkamrujj@ucalgary.ca</a>
T20	MW	14:00 -14:55	MS 427	Ogunsolu, M	MS 352	210-8497	<a href="mailto:moogunso@ucalgary.ca">moogunso@ucalgary.ca</a>
B21	TR	16:00 -16:55	MS 325	Sabeti, M	MS 372	220-6886	<a href="mailto:msabeti@ucalgary.ca">msabeti@ucalgary.ca</a>
T21	MW	14:00 -14:55	MS 325	Sabeti, M			
B22	TR	16:00 -16:55	MS 365	Negahdary, E	MS 382	220-6323	<a href="mailto:elham.negahdary@gmail.com">elham.negahdary@gmail.com</a>
T22	MW	14:00 -14:55	MS 365	Sorvisto, D	MS 364	210-8697	<a href="mailto:daynesorvisto@yahoo.ca">daynesorvisto@yahoo.ca</a>

**Office Hours:** Tuesday: 14:00 -14:55 Thursday: 14:00 - 14:55

I will be available during office hours or you may make an appointment for some other time.

**Course Website or Blackboard course name:** [MATH 249 L20 - \(Spring 2012\) - Introductory Calculus](#)

2. **Prerequisites:** A grade of 70% or higher in Mathematics 30 or Pure Mathematics 30; and a grade of 50% or higher in Mathematics 31.

(see Section 3.5C of Faculty of Science [www.ucalgary.ca/pubs/calendar/current/sc-3-5.html](http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html) and Course Descriptions: [www.ucalgary.ca/pubs/calendar/current/course-desc-main.html](http://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:

Quizzes	[ 3 ]	30%
Midterm Test	[ 1 ]	20% (June 11 in class)
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](http://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](http://www.ucalgary.ca/pubs/calendar/current/e-3.html)

5. **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. There are no out-of-class activities scheduled for this course.

6. **Textbook:** Howard Anton, Calculus: Early Transcendentals Single Variable. 9th Edition, Wiley, 2009.

7. **Examination Policy:** Exams and quizzes will be closed book. The use of calculators in tests or final examination is **not** permitted. Students should also read the Calendar, Section G, on Examinations: [www.ucalgary.ca/pubs/calendar/current/g.html](http://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:** [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca).  
 SU Faculty Rep. **Phone:** 220-3913 **Email:** [sciencerep@su.ucalgary.ca](mailto:sciencerep@su.ucalgary.ca) **Website** [www.su.ucalgary.ca/home/contact.html](http://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.

## 9. Important Dates

Date		Notes
5/09	Wed	Lectures begin
5/21	Mon	Victoria Day – No Lectures
5/22	Tue	<b>Quiz 1</b> (during lab time, B20 in MS 427, B21 in MS 325, B22 in MS 365)
6/07	Thu	<b>Quiz 2</b> (during lab time, B20 in MS 427, B21 in MS 325, B22 in MS 365)
6/11	Mon	<b>Mid-term Examination</b> (during lecture time, ST 147)
6/21	Thu	<b>Quiz 3</b> (during lab time, B20 in MS 427, B21 in MS 325, B22 in MS 365)
6/22	Fri	Last day of lectures. Last day to withdraw from Spring session courses.
6/25-27	Mon - Wed	<b>Final Examination Period</b>

**10. Attendance** This course is a six-week class in the spring semester. The course is intended to cover the usual Math 249 calculus material at a fast pace. It is important to attend all lectures and labs/tutorials. Do not fall behind in this class.

**11. Lab/Tutorial and Homework** The lab/tutorial is an important component of this course. Labs/Tutorials are each of 55 minutes duration after the lecture. **First tutorial occurs on Monday May 14.** On non-quiz labs/tutorials, worksheets will be provided with problems to work on during the tutorial period. If you have problems with any question you can ask your tutorial instructor for help during this time. **There are no labs for Thursday May 10.**

Students are encouraged to work on problems in exercises of the textbook. Homework problems chosen from the textbook will be assigned during every lecture. Homework assignments will not be graded and will not count for your final grade in the course. The textbook has solutions for odd-numbered exercises.

## 12. Tentative Schedule

Week	Date	Sections of Text
1	5/09-11	Algebraic Op., Signs of Factored Expressions, Inequalities, 0.1, 0.2, 0.3
2	5/14-18	0.5, 1.1, 1.2, 1.3, 1.5, 1.6
3	5/21-25	2.1, 2.2, 2.3, <b>Quiz #1</b> , 2.4, 2.5
4	5/8-6/01	2.6, 3.1, 3.2, 3.3, <b>Quiz #2</b> , 3.5, 3.6
5	6/04-08	4.1, 4.2, 4.3, 4.4, 4.5
6	6/11-15	<b>Mid-term Examination</b> 4.6, 4.8, 5.2, 5.3, 5.4, 5.5
7	6/18-22	5.6, 5.7, <b>Quiz #3</b> , 5.9, 6.1