

COURSE OUTLINE WINTER 2014

1. **Course:** AMAT 309, Vector Calculus For Engineers

L01: MWF 13:00 – 13:50, ST143, M. Aiffa, Office 574 Tel. No. 220-6313, e-mail aiffam@ucalgary.ca, Office Hours: MW 11:30-12:30

Course: Desire 2 Learn (D2L) W2014AMAT309L01

Department of Mathematics and Statistics – MS476 Telephone number – 403-220-5210

2. **Prerequisites:** AMAT 219 or MATH253, 263, 283 plus MATH 114

3. **Grading:** The University policy on grading and related matters is described 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 (04)	12%
Quizzes (02)	14%
Midterm test (01)	26% (Friday, March 07)
Final Examination	48% (To be scheduled by the Registrar)

A minimum grade of 30% in the final exam is essential for an overall grade of C- or higher.

The various components above will be assigned a percentage score and will be combined with the indicated weights to produce and overall percentage in the course. The conversion of the percentage grade to a letter grade is done according to the table below.

Letter Grade Conversions	
Letter Grade	% range
A+	95-100
A	90-94
A-	85-89
B+	80-84
B	75-79
B-	70-74
C+	65-69
C	60-64
C-	56-59
D+	54-55
D	50-53
F	0-49

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. It is the student's responsibility to familiarize himself/herself with these regulations. See also Section E.6 of the University Calendar

5. **Scheduled out-of-class activities:** There will be a midterm test on Friday, March 07, 2014 from 18:00 to 19:30 in SB 103.

REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY. If you have a clash with this out-of-class-time-activity, please inform your instructor as soon as possible so that alternative arrangements may be made for you.

6. **Course Materials:** *"Calculus, A Complete Course", 8th Edition, by R.A. Adams & C. Essex, Pearson Education Canada – sold in the University Bookstore. Earlier editions are fine.*

Online Course Components: Webwork is an online computer system. It can be accessed at <http://webwork.ucalgary.ca/webwork2/W2014AMAT309L01>.

Each student will have an account and will be able to do the assignments from any electronic device with internet access. All four assignments will count toward your overall grade.

7. **Examination Policy:** Quizzes, Midterm, and Final exam are closed book. Calculators are not permitted. Students should also read the Calendar, Section G, on Examinations.

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 Section K. Student Misconduct 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 on assembly points.
- (c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: Calendar entry on students with disabilities and Student Accessibility Services. MSC452 Phone: 220-8237
- (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 (FOIPPA). 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@ucalgary.ca
 SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca
 Student Ombudsman Phone: 220-6420 Email: ombuds@ucalgary.ca
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. 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.