

UNIVERSITY OF CALGARY
DEPARTMENT OF MATHEMATICS AND STATISTICS
COURSE OUTLINE

1. Course: AMAT 307 Differential Equations for Engineers

L01: MWF 09:00-10:50 ST135 Mohammed Aiffa, Office MS574 Tel. No. 2206313, e-mail aiffam@ucalgary.ca, Office Hours: MWF 11:00-13:00

L02: MWF 10:00-10:50 ST135 Wenyuan Liao, Office MS530 Tel. No. 2203946, e-mail wliao@ucalgary.ca, Office Hours: M 14:00-15:30

L03: MWF 15:00-15:50 ICT121 Mohammed Aiffa, Office MS574 Tel. No. 2206313, e-mail aiffam@ucalgary.ca, Office Hours: MWF 11:00-13:00

L04: MWF 14:00-14:50 ST135 Jdrzej Sniatycki, Office MS320 Tel. No. 2203957, e-mail sniat@math.ucalgary.ca, Office Hours: R 13:00-14:00

Blackboard course name: AMAT 307 All Lectures – Fall 2013.

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

2. Prerequisites: One of Mathematics 211 or 213 or 221; and Applied Mathematics 219 or Mathematics 253. (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 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 (08)	16%	(Webwork Assignments)
Midterm test (01)	34%	(out of class – Friday Nov 8 th 6pm)
Final Examination	50%	(To be scheduled by the Registrar)

The various components above will be assigned a grade point score and will be combined with the indicated weights to produce an overall grade point value in the course. The conversion table between course grade point value and letter grade is provided below.

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

Letter Grade Conversions	
Letter Grade	% range
A+	>97
A	93–96.5
A-	88–92.5
B+	84–87.5
B	80–83.5
B-	76–79.5
C+	72–75.5
C	69–71.5
C-	65–68.5
D+	62–64.5
D	60–61.5
F	<60

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 one out-of-class common midterm test on Friday November 08/2013 from 6:00PM to 7:30PM.

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:** "Elementary Differential Equations", 10th edition, by W.E. Boyce & R.C. DiPrima, *Wiley is (recommended) – sold in the University Bookstore.*

Online Course Components: *Webwork, Go to <http://math.ucalgary.ca> click on Webwork, then Fall 2013 then AMAT 307 L0x and sign in with your student I.D., where L0x is your section number.*

7. **Examination Policy:** The use of aids is not permitted in midterm test and final examination, although the use of a Schulich calculator is permitted. 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 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 (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@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.