

COURSE OUTLINE

FALL 2012

1. Course: AMAT 307 – Differential Equations for Engineers

Lecture	Days	Time	Location	Instructor	Office	Phone	Email
01	MWF	9:00	ST 135	M. Aiffa	MS 574	403-220-6313	aiffa@math.ucalgary.ca
02	MWF	10:00	ST 135	M. Aiffa	MS 574	403-220-6313	aiffa@math.ucalgary.ca
03	MWF	15:00	ICT 121	W. Couch	MS 456	403-220-6766	couch@math.ucalgary.ca
04	MWF	14:00	ENA 101	W. Liao	MS 530	403-220-3946	wliao@ucalgary.ca

Blackboard course name: AMAT 307 All Lectures – Fall 2012.

- 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 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:

<i>WebWork</i>	[08]	16%
<i>Midterm Test</i>	[01]	34% (out of Class)
<i>Final Exam</i>		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 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.htm. It is the student's responsibility to be familiar with these regulations. See also www.ucalgary.ca/pubs/calendar/current/e-3.html.

5. Dates and times of class exercises held outside of class hours :

There will be one out-of-class common midterm test on Friday November 09/2012 from 6:00 to 7:30 pm

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.

- 6. Textbook:** Elementary Differential Equations, by W.E. Boyce & R.C. DiPrima, 9th Edition (Required) and A Notebook for Differential Equations, by B. Brenken, Kendall Hunt.

- 7. Examination Policy:** The use of aids is not permitted in midterm test and final examination, although the use of a Scholich 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

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@ucalgary.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.