



UNIVERSITY OF CALGARY

DEPARTMENT OF MATHEMATICS AND STATISTICS COURSE OUTLINE FALL 2014

1. **Course:** AMAT 307 – Differential Equations for Engineers

Lecture	Day/Time	Room	Instructor	Office	Phone	Email
L01	MWF 9:00-9:50	ST 135	Nelson Vadori	MS 332	(403)220-8978	nvadori@ucalgary.ca
L02	MWF 10:00-10:50	ST 135	B. Brenken (coordinator)	MS 440	(403)220-3948	bbrenken@ucalgary.ca
L03	MWF 15:00-15:50	ICT 122	Wenyuan Liao	MS 530	(403)220-3946	wliao@ucalgary.ca
L04	MWF 14:00-14:50	ICT 122	Elena Braverman	MS 444	(403)-220-3956	maelena@ucalgary.ca

Course website on Desire 2 Learn (D2L): AMAT 307 at <https://d2l.ucalgary.ca>.

2. **Prerequisites:** One of Mathematics 211 or 213 and Applied Mathematics 219 or Mathematics 253 or 283.
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 [webwork]	15%
Midterm test	35% (November 3, 1.5 hrs between 6 - 8:30 pm)
Final Examination	50% (To be scheduled by the Registrar)

A passing grade on the final exam is essential to pass the course. The conversion between course percentage and letter grade is given below:

Letter Grade	% range
A+	>97
A	92–96.5
A-	87–91.5
B+	82–86.5
B	78–81.5
B-	74–77.5
C+	70–73.5
C	66–69.5
C-	62–65.5
D+	59–61.5
D	55–58.5
F	<55

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. **MIDTERM:** There will be one out-of-class common midterm examination, which has been scheduled by the Faculty of Engineering for Monday, November 3. It will be 1.5 hours in duration, and will be scheduled sometime between 6 and 8:30 pm.
- 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. **Textbook:**
William E. Boyce, Richard C. DiPrima, Elementary Differential Equations, Wiley, 10th Ed. (required)
B. Brenken, A notebook for Differential Equations (recommended).

Online Course Components: Webwork, Go to math.ucalgary.ca, click on Webwork, then Fall 2014, then AMAT 307 L0x and sign in with your student ID, 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.

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](#).

(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

(f) <http://www.ucalgary.ca/secretariat/privacy>.

(g) **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](#)

(h) **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.

(i) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.

The following signature lines should be added to the course outline as appropriate

Department Approval _____ Date _____

Associate Dean's Approval for
out of regular class-time activity: _____ Date: _____