

COURSE OUTLINE

1. Course: AMAT 307 Differential Equations for Engineers

L01: MWF 18:00-19:50 EDC179 Danny Glin, Office MS488, Tel. No. (403) 220-7598, e-mail djglin@ucalgary.ca
Office Hours: W17:00-18:00

Course website (via Desire2Learn): <https://d2l.ucalgary.ca/d2l/home/40328>

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

2. Prerequisites: 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 (5)	20%
Checkpoints assignments (15)	5%
Quizzes (3)	30% (May 30, June 9, June 20)
Final Examination	45% (To be scheduled by the Registrar)

Students should expect that a passing grade on each component of the course will be required to receive a passing grade in the course as a whole.

Each piece of work (assignment, quiz, midterm test or final examination) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade. A minimum grade of 30% on the final examination will be required in order to receive an overall grade of C- or better. The conversion between course percentage and letter grade is given below:

Letter Grade Conversions	
Letter Grade	% range
A+	>95
A	90–94
A-	85–89
B+	80–84
B	75–79
B-	70–74
C+	65–69
C	60–64
C-	55–59
D	50–54
F	<50

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. Make-up examinations will not be provided. Quizzes will only be excused for valid medical reasons, and appropriate documentation must be submitted within 48 hours. In such cases, the weight of the missed quiz will be transferred to the final examination.

5. Course Materials: Suggested Text: "*Elementary Differential Equations*", 10th Edition, by William E. Boyce and Richard DiPrima, Wiley – sold in the University Bookstore. It is not mandatory to purchase the textbook. Additional resources will be provided via Desire2Learn.

Online Course Components: Homework Assignments and Checkpoints will be given via the WeBWoRk online homework system (webwork.ucalgary.ca)

6. **Examination Policy:** Students will not be permitted to bring any aids (calculators, notes) to quizzes and examinations. A formula sheet will be provided. Students should also read the University Calendar, [Section G](#), on Examinations.

7. 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: suvcaca@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.
- (h) 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.