THE UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. MATH 375 Differential Equations for Engineers and Scientists Fall 2016

Lecture	Day/Time/Location	Instructor	Office/Email/Phone
L01	MWF 10:00 EDC179	M. Aiffa	MS432 aiffam@ucalgary.ca 220-6313
L02	MWF 10:00 ENA201	J. Chavez	MS390 jonathan.chavezcasil@ucalgary.ca
L03	MWF 15:00 SB103	E. Braverman	MS444 maelena@ucalgary.ca 220-3956
L04	MWF 14:00 ENC70	M. Aiffa	MS432 aiffam@ucalgary.ca 220-6313

Office Hours				
	M. Aiffa	MWF 11:00-13:00		
	E. Braverman	MF 13:30-14:30	M 15:00-15:50	
		T 10:30-11:45		
	J. Chavez	MW 12:00-13:00		

2. Prerequisite(s): MATH 211 or 213 and one of the following: both MATH 267 and 177; or both MATH 253 and 114; or AMAT 219; or MATH 277
It is the student's responsibility to ensure that he/she has the above prerequisites. If not, he/she will be withdrawn from the course without notice. See
`www.ucalgary.ca/pubs/calendar/current/sc-3-5.html`

3. Academic Accommodations: A student who may require academic accommodation must register with the Student Accessibility Services to be eligible for formal academic accommodation.

4. Grading: The University grading and related matters is described in the current University Calendar under *Academic Standings*. In determining the overall grade in this course, the following weights will be used.

Webwork Assignments (05)	**15%**
Quizzes (02)	**05%**
Midterm Examination	**30%**
Final Examination	**50%**

The various components above will be assigned a percentage score and will be combined with the indicated weights to produce an overall percentage in the course. The conversion of the percentage grade to a letter grade is done according to the table provided in the next item. A minimum grade of 40/100 in the final examination is essential for an overall grade of **C**− or better.

5. Grades Conversion:
[97-100] A+, **[91-96] A**, **[86-90] A-**, **[81-85] B+**, **[75-80] B**, **[70-74] B-**, **[65-69] C+**, **[59-64] C**, **[54-58] C-**, **[50-53] D**, **[0-49] F**

6. Academic Misconduct: such as 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, suspension, or expulsion. See
`www.ucalgary.ca/pubs/calendar/current/k.html`

7. Electronic Communication Devices: While attending a lecture or a tutorial your cell phone should be turned off. Communication with other individuals, via laptop, cell phone or other electronic devices, during class time is not permitted. Violating this policy, will result in you being asked to leave the classroom. Repeated abuse may result in a charge of misconduct.

8. Missed Components of Term Work: The regulations of the Faculty of Science pertaining to this matter are outlined in the current University Calendar, *Faculty of Science, Section* 3.6:

`www.ucalgary.ca/pubs/calendar/current/sc-3-6.html`

It is the student's responsibility to familiarize her/himself with these regulations. See also

`www.ucalgary.ca/pubs/calendar/current/e-3.html`

If you miss a quiz or the midterm, you must provide a satisfactory evidence of illness or extenuating circumstances within 48 hours. Work commitments, holidays, family reunions, traffic, etc., are not considered legitimate reasons for missing an exam. If the reason for missing the quiz or the midterm is health related, the Physician/Counsellor Form

`www.ucalgary.ca/registrar/files/registrar/physcoun15.pdf`

must be handed directly to your instructor for approval. If you are granted an excuse, the grade of the missed quiz or midterm will be automatically added to the grade of the final examination.

9. Out-Of-Class-Time-Activities: There will be a Midterm Test on Friday, October 28, 2016, from 6:15pm to 7:45pm, in the following rooms ENA 201, ENC 70, SB 103 & ST 148. Regularly scheduled classes have precedence over any out of class time activity. If you have a conflict with this out of class time activity, please inform your instructor at least one week in advance so other arrangements may be made for you.

10. Textbook: *Elementary Differential Equations and Boundary Value Problems* by *W.E. Boyce* &, *R.C. DiPrima*, 10^{th} *Edition*, *Wiley* (recommended). Older editions are OK.

11. Calculators: The use of calculators in Quizzes, Midterm Test, and Final examination is not permitted.

12. Exams: There will be **2** quizzes, **1** midterm, **1** final exam, and **5** Webwork assignments. The quizzes are 40 minutes long and will be held during your weekly tutorial, in the weeks of October 17 - 21 and November 28 - December 02. The midterm exam is 90 minutes long. It will be held on Friday, October 28, from 6:15pm to 7:45pm. The final exam is 3 hours long, and will be scheduled by the Registrar's Office, in the period of December 12 - 22. Midterm and Final are closed book. Webwork is an online computer system. It can be accessed at

`webwork.ucalgary.ca/webwork2/F2016MATH375`

Each student will have an account and will be able to do the assignments from any electronic device with internet access. All **5** assignments will count toward your overall grade.

13. Homework: Homework problems will be posted on D2L in the form of worksheets. You are responsible for finding out what problems have been assigned. Only selected problems from the worksheets will be solved during the weekly tutorial. Even though the homework problems are not collected, you should do as many of the assigned problems as possible. Experience shows that students who do little or no homework, usually don't do well in the course. Help is available from the instructor, during office hours, and from the TAs during the tutorials.

14. MATH 375 course announcements and other relevant material, will be available at the course's D2L website. You are strongly advised to visit the site regularly to check for eventual new announcements and updates.

15. Course Description: Definition, existence and uniqueness of solutions; first order and higher order equations and applications; Homogeneous systems; Laplace transform, partial differential equations of mathematical physics.

16. Important Dates:

Mon, Sep 12	First lecture
Mon, Oct 10	Thanksgiving, no classes
Oct 17 - 21	Quiz#1 in tutorial
Thu, Oct 28	Midterm
Thu, Nov 10 - Fri Nov 11	Remembrance Day & Midterm Break
Nov 28 - Dec 02	Quiz#2 in tutorial
Fri, Dec 09	Last lecture
Mon-Thu,Dec 12-22	Final examinations period