

THE UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
 Department of Mathematics and Statistics
COURSE INFORMATION SHEET

1. **Course: Amat 413 - Introduction to PDEs**

Fall 2008

<u>Lecture</u>	<u>Days</u>	<u>Time</u>	<u>Location</u>	<u>Instructor</u>	<u>Office</u>
L01	MWF	11:00	ST 130	L. Bos	MS 584
		email: lpbos@math.ucalgary.ca			
T01	R	11:00	MS 371		
T02	R	11:00	MS 325		
T03	R	11:00	ST 064		

2. **Prerequisite(s): One of Math 353, Math 381, Amat 309 or Math 331**

Corequisite:
None

NOTE: The Faculty of Science policy on pre- and co-requisite checking is outlined in the current University Calendar (see www.ucalgary.ca/pubs/calendar), *Faculty of Science, Section 5C*. **It is the student's responsibility to ensure that they have the pre- and/or co-requisites for the course, and if they do not they will be withdrawn from the course without further notice.**

3. **Fee Policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.

4. **Academic Accomodations:** It is the student's responsibility to request academic accomodations. A student with a documented disability who may require academic accomodation must register with the Disability Resource Centre to be eligible for formal academic accomodation. DRC registered students are required to discuss their needs with the instructor no later than fourteen (14) days after the start of this course.

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

Homework (10)	20%
Mid-term Test (50 mins.)	30%
Final Exam	50%

There will be a final examination scheduled by the Registrar's Office. Students must obtain at least a grade "D" on the final examination in order to obtain an overall final grade of D or better.

6. **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 6A*. It is the student's responsibility to familiarize herself/himself with these regulations.

8. There will be one mid-term in-class examination.
9. **Text:** *Partial Differential Equations, an Introduction* by W.A. Strauss, 2nd edition, Wiley and Sons.
11. **Homework:** Homework problems will be assigned (approximately) weekly. Some of these are to be completed using the computer homework system WEBWORK which can be accessed at <http://webwork.ucalgary.ca>. You will be able to login using your ordinary U of C IT account and password. The assignments can be done from any computer with web access. Your answers to these assignment questions will be checked and marked (by the computer) on a right/wrong basis. We will give more details about the system and how to use it during the term. Other assignments will be hand written and you will just hand them in to be marked in the usual way.

The weekly tutorials are each of 50 minute duration. If you have problems with any questions you can ask your tutorial instructor for help during this time.

12. There is a webpage for this course:

www.math.ucalgary.ca/~lpbos/amat413/f08/f08.html.

Information about the course (including this outline!) will be posted there.

Department Approval: _____ Date: _____