

Fall 2011 - MATH 673/AMSC 673
Partial Differential Equations I

Lectures: MWF 2:00pm- 2:50pm (MTH 0104)

Instructor: Prof. A. Mellet
Office: Math Building 4104
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Course web page: Assignments and other important informations regarding the class will be posted on the course web page:

<http://www.math.umd.edu/~mellet/math673>

Prerequisites: MATH 411 (Advanced Calculus II), or equivalent.

Textbook: *Partial Differential Equations*, by L. C. Evans, AMS (see the author's web page for a list of errata). We will cover Chapters 1, 2, 3 and parts of Chapter 4 and 6. Appendices A-E contain many important facts that we will need for this class.

Grading Scheme: Your final grade will be computed as follows (assuming that we will have a grader for this class):

Homework	40%
Midterm	20%
Final	40%

- Homeworks will be assigned typically a week or two before their due dates. Late homework will not be accepted. Your solutions are required to be *legible and clear*. Illegible problems will not be graded.
- The midterm will take place during discussion session on **Wednesday October 19th**.
- The final exam will take place on **Monday December 19th, 1:30pm-3:30pm**.

Make-up exam, or other arrangements, will only be made under the following exceptional circumstances: (a) prior notice of a valid, documented absence (e.g. out-of-town athletic commitment) on the scheduled exam date; or (b) notification to the instructor within 48 hours of absence due to medical condition.

Students with disabilities: The University of Maryland provides upon request appropriate academic accommodations for qualified students with disabilities. Please see me immediately if you require such accommodation (do not wait until the day before the first exam).

Policy on Scholastic Dishonesty: You are expected to abide by the University's policy on academic integrity. All cases of academic dishonesty will be referred to the Dean of Students Office.