Lecture Room: MTH 0411 (Kirwan Hall)  
Time: TueThu 9:30–10:45am  
Instructor: Prof. Dio Margetis; dio@math.umd.edu; MATH 2106, 5-5455.  
Office hours: Tue 11:00am-12:30pm, or by appointment; the regular office hours start on Tue Jan. 31. Since I am occasionally called away for research, it is advisable to check with me before dropping by. Students should have specific and well defined questions.  
Prerequisites: {MATH 241 and MATH 246}, or {MATH 340 and MATH 341}.  
Course outline: Introductory concepts and methods for partial differential equations with applications in sciences and engineering.  
A syllabus for the course is given on the Mathematics Department web page:  
Course webpage (evolving): http://www.math.umd.edu/~dio/courses/MATH462/  
Homeworks and any updates on the course material will be posted there.  
Teaching Assistant/Grader: TBA (see course website)  
Timing of Exams: There will be three in-class (midterm) exams and one final exam. Dates for the in-class exams are: Thursday March 2, Tuesday April 4, Thursday May 4. The Final Exam is scheduled for *Monday May 15, 8:00am-10:00am*; in same room as regular lectures.  
Homeworks: There will be several (5-10) sets of required homeworks. Once assigned, each homework must be turned in by the date specified. *Late homeworks will not be accepted.* Homeworks are due in class only. (To be clear: Please do not leave any homework in my mailbox, under the door, etc. Such homework will not be graded.)  
Legibility and clarity are required for both exams and homeworks. You are encouraged but not required to prepare homework sets by word processor. Illegible problems will not be graded.  
Grading scheme: 40% from two midterm exams (of equal weight, 20% each); 25% from homeworks; and 35% from the final exam. The midterm exam with the lowest score is dropped.  
Make-up exams: *There will be no make-up exams:* If you plan to be absent from an exam and you provide well in advance (usually, 1 week) a documented, valid, verifiable justification for the reason of your absence from the exam, you will be given the chance to shift the weight of the missed exam to the final exam. In case of a medical or family emergency, please contact me as soon as is practical, preferably before the exam. In such case: if valid and documented justification is provided, the weight of the missed exam may be shifted to the final exam.  
Exams policy: No calculators are allowed during exams. No notes or textbook will be allowed during exams. Explanations in your exam papers must be given in coherent English
sentences. Minor algebraic and numerical errors, such as missing a sign, that are not symp-
tomatic of a conceptual misunderstanding will be penalized minimally. Egregious errors, such
as \( \frac{1}{a+b} = \frac{1}{a} + \frac{1}{b} \), will be penalized severely.

If you feel that you are entitled to more points on an exam paper or homework, you may
resubmit it explaining why you feel your grade should be changed. (Since each problem
will be very carefully reexamined, it is possible that you could end up losing points in the re-
evaluation.) The request for re-evaluation of an exam paper or homework is considered overdue
if this request is made later than 10 days after the return of the (graded) test. An exception
concerns the last in-class exam, for which the allowed time will be 3 days. The Instructor and
TA/Grader will disregard your resubmission if this is overdue or unsubstantiated.

Academic Integrity. All work that you submit must be your own. You are welcomed
to discuss the material with each other in a general way, but you may not consult any one
else’s written work. Any marked similarity in form between submissions with different authors
might be regarded as evidence of academic dishonesty. You must cite any reference you use
and clearly mark any quotation or close paraphrase that you include. Such citation will not
lower your grade, although extensive quotation might. Homework should be done individually.

The University of Maryland, College Park has a nationally recognized Code of Academic
Integrity, administered by the Student Honor Council. This Code sets standards for academic
integrity at Maryland for all students. As a student you are responsible for upholding these
standards for this course. It is very important for you to be aware of the consequences of cheat-
ing, fabrication, facilitation, and plagiarism. For more information on the Code of Academic
Integrity or the Student Honor Council, please visit http://www.shc.umd.edu

To further exhibit your commitment to academic integrity, remember to sign the Honor
Pledge on all examinations and assignments: “I pledge on my honor that I have not given or
received any unauthorized assistance on this examination (assignment).”

Course-related policies: See http://www.ugst.umd.edu/courserelatedpolicies.html

Students With Disabilities. If you have a documented disability and need academic ac-
commodations, please contact me as soon as possible. DSS Procedures: Students with
disabilities should provide me with a stamped accommodations sheet from the DSS office.
Also, I ask that, within the 2nd week of classes, students submit 4 Test Authorization Forms
(individual approval sheets by DSS), one for each exam.

Religious Observances. If you plan to be absent from class because of religious observances,
please submit a list of the dates of your absences within the first week of classes.

Counseling. For confidential counseling and help with personal issues, students are encour-
egaged to contact the UMD Help Center, 301-314-HELP (4357).