1. General Information

- Course Title: Introduction to Partial Differential Equations
- Instructor: Sabin Cautis
- Office: Herman Brown 456, x5319
- Office Hours: Monday and Wednesday 4-5 or by appointment
- E-mail: scautis@rice.edu
- Website: http://www.ruf.rice.edu/~sc5/math381/
- Text: Richard Haberman, Applied Partial Differential Equations (with Fourier Series and Boundary Value Problems), 4e.
- Teaching Assistant: Eric Samansky (E-mail: samans@rice.edu)
- Help Session: Friday 2-3 in HB 447 (E-mail Eric if this is a bad time for you)

Note: Any student with a disability requiring accommodation in this class is encouraged to contact me after class or during office hours. Additionally, students should contact the Disabled Student Services office in the Ley Student Center.

Homework: Homework will be assigned in class every first day of week (usually a Monday) and due in class the first day of the following week. Homework is not pledged. You may get help from any source and are encouraged to seek help from other students in the class. However it is a very good idea to attempt the problems yourself before seeking assistance. Any written work submitted must be your own. Your submitted work must be stapled together and should have your name on every page. I will accept homework dropped off at my office until the end of the day it’s due, after that it will be late. Late homeworks will not be accepted for credit.

Tests: There will be two midterm exams and a final exam. The midterms will be in class (although I may change my mind on this) while the final will be a pledged take home exam. The dates for the two midterms will be decided at a later time.

Grades: Grades will be computed as follows: Homework: 25% (the lowest homework score will be dropped), Midterms 20% each, Final 35%.

Web page: The webpage for the course is http://www.ruf.rice.edu/~sc5/math381/ It includes the syllabus, course schedule, homework assignments and other information which may come up during the course.

Final Exam Policy: It is the policy of the mathematics department that no final may be given early to accomodate student travel plans. We will not know when the final in this course will be scheduled for some time. Therefore, if you should make plans to travel before the end of final exam period, and it turns out that the final for this course is after your scheduled departure date, you will have to choose between keeping your plans and receiving zero for the final, or incurring the costs for changing your plans and taking the final at its scheduled time. Thanks for your understanding.
2. Schedule

Very rough course schedule, subject to later adjustments:

• Week of Aug 28: Chapter 1
• Week of Sep 6th: Chapter 2.1-2.3
• Week of Sep 11th: Chapter 2.4-2.5
• Week of Sep 18th: Chapter 3
• Week of Sep 25th: Chapter 4
• Week of Oct 2nd: Chapter 5.1-5.4
• Week of Oct 9th: Chapter 5.5-5.10
• Week of Oct 18th: Chapter 7
• Week of Oct 23rd: Chapter 7
• Week of Oct 30th: Chapter 7
• Week of Nov 6th: Chapter 8
• Week of Nov 13th: Parts of Chapter 9
• Week of Nov 20th: Parts of Chapter 10
• Week of Nov 27th: Chapter 13
• Week of Dec 4th: Chapter 13