Math 402
Partial Differential Equations I

Time and location: TR 12:00-1:15pm, Keller 301.

Instructor: Monique Chyba, mchyba@math.hawaii.edu
Office: Keller 311, 956-8464.
Office hours: T 9:00am-10:00am, F 9:00am-10:00am, by appointment.

In this class we will cover the following topics: Chapter 1(Review and introduction), Chapter 2 (First-order PDE’s), Chapter 3 (The heat equation), Chapter 4 (Fourier series and Sturm-Liouville theory), Chapter 5 (The wave equation).

Homeworks
Homeworks will be assigned in class and collected in class. No late homework will be accepted.

Exams

Midterms:
1. October 8, 2009 Thursday 12:00-1:15pm
2. November 19, 2009 Thursday 12:00-1:15pm

Final: December 15, 2009 Tuesday 12:00-2:00pm

Grading policy (in percentage)
Final 40, Midterms 30, Homeworks 30

Academic expectations

For a detailed discussion of what to expect from this course please consult the web page

http://www.math.hawaii.edu/~dale/Expectations.html

Pay careful attention to items 3 and 5 of this document. It is very important that you attend the lectures. I may cover material that is not in the book and give additional examples and exercises. Please feel free to speak up if there is any ambiguities about the expectations, do not wait the last day of class.

The instructor reserves the right to modify the syllabus at any time. All changes and additional information will be given in class.