Mathematics 3111: Partial Differential Equations I
Mathematics 3131: Methods of Mathematical Physics I

Fall 2012

Instructor: Dr. Yin Chen, RB 2017, 343-8608
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Course webpage: http://flash.lakeheadu.ca/~ychen/math3131.html

Lectures: Tuesday and Thursday
10:00 am – 11:30 am, RB3024

Office Hours: Tuesday 13:00 – 15:00

Text: Elementary Applied Partial Differential Equations
Richard Haberman(4th Edition)

Course Content: The course will cover the selected topics in chapters 1 – 7 of the text.

Assignments: There will be 6 assignments, each of which will be posted on the course webpage a week before it is due. The assignments are expected to be handed in in Tuesday classes or Monday (Tuesdays September 27, October 11, 25, November 8, 22, and Monday December 3). The lowest assignment mark of the 6 will be dropped. Late assignments will not be accepted under any circumstances. Valid excuses, such as illnesses with a doctor's note, will instead result in the mark being dropped.

Midterm Exam: The midterm exam will be written in class (RB3024, 10:00 – 11:20) on Thursday, November 1, 2012. In the event that the student is absent for the midterm, if the student has a valid documented excuse, the midterm mark will be dropped and the final exam will account for 80% of the final grade. Otherwise, the student will receive 0.

Course Grade: Assignments 20%

Midterm 20%

Final Exam 60%