

Mathematics 3113: Partial Differential Equations II
Mathematics 3133: Methods of Mathematical Physics II
Winter 2011

Instructor: Dr. Yin Chen, RB 2017, 343-8608
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Course webpage: <http://flash.lakeheadu.ca/~ychen/math3133.html>

Lectures: Tuesday and Thursday
14:30 – 16:00 RB 3024

Office Hours: Tuesday and Thursday 13:00 – 14:30

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

Course Content: The course will cover the chapters 8 – 13 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 in at 14:30 PM on Thursdays (January 20, February 3, 27, March 10, 24) and at 14:30 PM on Monday April 4. 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 (RB 3024, 14:30 – 16:00) on Tuesday, March 1st, 2011. 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%