Mathematics 3413-002, Fall 2013
Physical Mathematics I
MWF 11:30–12:20, PhSC room 122

Instructor: Max Forester

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Office hours:	Monday, Wednesday 2:30–3:30, Tuesday 10:00–11:00, and by appointment

Text: The textbook for this course is *Differential Equations and Boundary Value Problems*, 4th edition, by C. Henry Ewards and David E. Penney.

Course website: Up to date course information and announcements can be found at `www.math.ou.edu/~forester/3413F13`. Homework assignments will be listed there as well. The Desire2Learn system (`learn.ou.edu`) will be used only to keep track of grades.

Attendance: You are expected to attend all classes and participate fully.

Homework: Written homework will be assigned every week and will be due on Fridays at the *beginning* of class. *Late homework will not be accepted.* In order to account for illness or other unforeseen circumstances, I will drop your two lowest homework grades. You are allowed (even encouraged) to work with each other. However, you will need to prepare individual written solutions.

Your homework should have your name written clearly on it, and should be stapled. Please remove any fringes from spiral notebooks. The problems should be written in the order they are given.

Webwork: Part of your homework will not be written up and turned in, but instead will be entered into an online system called *Webwork*. These problems generally will be due during the beginning of the week. As the course gets underway I will provide more detailed information about using Webwork.

Quizzes: I will give a small number of short quizzes in class, announced in advance.

Grading scheme: Grades will be based on weighted totals from homework, webwork, quizzes, three exams, and the final exam as follows:

Homework	14 %
Webwork/Quizzes	7 %
Exam 1	18 %
Exam 2	18 %
Exam 3	18 %
Final Exam	25 %
Total	100 %

Exams: There will be three exams, given during the regular lecture time. The dates are Monday September 23, Monday October 21, and Monday November 25. All exams must be

taken at the scheduled times, except in extraordinary circumstances. Please do not arrange travel plans that conflict with these dates.

The final examination will be held in the usual lecture room on Tuesday December 10, 1:30–3:30 pm. University regulations require that you take it at that time.

Academic misconduct: Visit `http://integrity.ou.edu` for the rules governing cases of academic misconduct.

Students with disabilities: The University of Oklahoma is committed to providing reasonable accomodation for all students with disabilities. If you require special accomodation in this course you are requested to speak with me as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accomodations in this course. For further information please see `http://drc.ou.edu`.

Withdrawal Policy: Through October 25, you may drop the course and receive a "W" grade. Dropping the course on or after October 26 requires a petition to the Dean.

Grade of Incomplete: The grade "I" is a special-purpose grade given when a specific task needs to be completed to finish the coursework. This is typically a term paper or other special assignment, so rarely makes sense in a mathematics course. An "I" cannot be given to avoid a low grade.