Partial Differential Equations
MT4412 \hspace{0.5cm} MWF 11:00-11:50, GASSON HALL 302.

Instructor: Dubi Kelmer
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**Office Hours:** M 10-11 WF 1-2 these times are reserved for you and you can (and should) just come without making an appointment. You are also welcome at other times, just make sure to make an appointment via email to make sure I am available.

**Course website:** All information for the course can be found in the course website at https://www2.bc.edu/dubi-kelmer/MT412Spring19/MT4412.html

**Textbook:** S.J. Farlow *Partial Differential Equations for Scientists and Engineers*

**Course description** We will cover Parabolic, Hyperbolic and Elliptic PDE: most of chapters 2,3,4. We will also cover a few additional topics expanding on what is in the text.

**Exams** There will be two in class exams (Feb 6 and Mar 20) and a final exam (May 7). Exams must be taken as scheduled, except for documented illness or family emergency. If you are a student with a documented disability seeking reasonable accommodations in this course, please contact Kathy Duggan, (617) 552-8093, dugganka@bc.edu, at the Connors Family Learning Center regarding learning disabilities and ADHD, or Paulette Durrett, (617) 552-3470, paulette.durrett@bc.edu, in the Disability Services Office regarding all other types of disabilities, including temporary disabilities. Advance notice and appropriate documentation are required for accommodations.

**Homework:** There will be weekly homework assigned and collected every week, approximately. **Late homework will not be accepted!** (unless it is the result of an officially excused absence). Your homework must be typed in LATEX (see course website).

The grading system is as follows:

- 30 percent: Average of weekly homework (lowest score will be dropped).
- 20 percent: each in-class exam.
- 30 percent: Final exam.