

PARTIAL DIFFERENTIAL EQUATIONS, FALL 2019 SYLLABUS

Course Webpage. https://math.hawaii.edu/~yashabk/teaching/2019_2fall/pde/.

Course Staff.

- Instructor: Yasha Berchenko-Kogan
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 - Keller 306
- Instructor: Evan Gawlik
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Textbook.

- The textbook is *Partial Differential Equations, 2nd edition* by Evans. The course will cover most of chapters 1, 2, 5, and 6, and probably some of chapter 7.

Exams.

- There will one in-class midterm covering chapters 1 and 2, to be scheduled.
- The final will be on Friday, December 20, 9:45am to 11:45am.
- If there are issues with the grading of the exams, please contact me.

Homework.

- There will be homework assigned roughly every other week.
- Late homework will not be accepted, but the lowest homework score will be dropped.
- If there are issues with the grading of the written homework, please contact me.

Collaboration. To succeed on the homework, you should work together with your peers. However, there is a limit to how much collaboration is acceptable. Here are some general guidelines:

- While you should discuss the problems with others, you should write up your solutions on your own.
- If you get a good grade on a homework problem, you should also be able to do well on that problem if it appears on an exam.
- You should not look at another student's written solution to a problem, but you are welcome to ask them about the general techniques they used to solve it.
- It's possible to get around the letter of this policy while violating its spirit, for example, by reading your written solution aloud to other students instead of showing it to them. Needless to say, that's also unacceptable.

Office Hours.

- It's a good idea to go to office hours occasionally regardless of how you're doing in the course.
- My office hours are listed on the calendar on the course webpage. I am happy to meet at other times by request.

Grading.

- I will combine grades with the following weights:
 - 40% homework,
 - 25% midterm,
 - 35% final.
- I will assign grades by taking the unrounded combined grade G and using the following scale:
 - A: $93 \leq G$.
 - A-: $90 \leq G < 93$.
 - B+: $87 \leq G < 90$.
 - B: $83 \leq G < 87$.
 - B-: $80 \leq G < 83$.
 - C+: $77 \leq G < 80$.
 - C: $73 \leq G < 77$.
 - C-: $70 \leq G < 73$.
 - D+: $67 \leq G < 70$.
 - D: $63 \leq G < 67$.
 - D-: $60 \leq G < 63$.
 - F: $G < 60$.
- I reserve the right to adjust these cutoffs in your favor.