

**MATH 533 PARTIAL DIFFERENTIAL EQUATIONS
FALL 2019**

MIHAI TOHANEANU

Instructor information:

Instructor: Mihai Tohaneanu

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Office hours: Mon 3-4:30 pm and Fri 9-10:30 am or by appointment

Course Web Page: <http://ms.uky.edu/~mhto224/533F19.html>

Text: Partial Differential Equations Second Edition, by Lawrence C. Evans

Topics: Introduction, four important equations (transport, Laplace, heat, wave), method of characteristics, introduction to distributions and the Fourier transform. This corresponds roughly to Chapters 1, 2, 3.1-3.2 from Evans.

Grading: There will be a final exam worth 30%, one midterm worth 30% each, and a Homework grade worth 40%. There will be a weekly homework collected (usually) at the start of the class on Wednesdays. To compute the Homework grade I will drop the lowest grade. Due to this policy no late homework will be accepted and no make-up homework will be given.

Test Dates:

Midterm: October 18. In class.

Final Exam: Dec. 18 10:30 AM

Course Policy on Academic Accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center. Check the site: <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter> for further information.

Course Policy on Academic integrity:

Students may work together on homework, but should not submit solutions until they understand how to obtain the answer. All other course work on exams must be the student's own work. Useful information about students' rights and responsibilities can be found at the following website: <http://www.uky.edu/Ombud> . You are advised to consult it as needed.