

Math 647

Applied Partial Differential Equations

Fall 2018

August 10, 2018

- **Instructor:** Professor Atanas Stefanov
- **Office:** Snow 514, Phone: 4-3009
- **Class meeting:** T R, 11:00-12:15, 456, Snow Hall.
- **Office Hours** T 10:00-11:00, W 9:00-10:00
- **Web:** stefanov@ku.edu
http://stefanov.faculty.ku.edu/Math_647_Fall_2018.html
- **Prerequisite:** MATH 127 or MATH 147 or MATH 223 or MATH 243, and MATH 220 or MATH 221 or MATH 320.
- **Topics:** Portions of Chapters 2, 3, 4, 6, 7.
- **Text:** Partial Differential Equations and Boundary Value Problems with Fourier Series, by N. Asmar, Second Edition, 2004, ISBN 0131480960
This is the same as Partial Differential Equations and Boundary Value Problems with Fourier Series, by N. Asmar, Dover Books on Mathematics, First edition (September 21, 2016) ISBN-10: 0486807371, ISBN-13: 978-0486807379.
- **Homework:** There will be five homework assignments covering specific portions of the material, assigned approximately once every two weeks
- **Exams:** There will be one midterm exam and a comprehensive final exam.
Midterm Exam: October 23rd, 456, Snow Hall.
Final exam: Thursday, Dec. 13, 10:30-1:00 a.m. in 456, Snow Hall.

- **Grade:** The grade will consists of the following components:
Homework assignments - 30 %, Midterm exam - 20 %, Final exam - 40 %,
Computer project and presentation - 10 %.
- **Students with disabilities:** The staff of Services for Students with Disabilities (SSD), 135 Strong, 785-864-2620, coordinates accommodations and services for KU resources. If you have a disability for which you may request accommodation in KU classes and have not contacted them, please do so as soon as possible. Please also see me privately in regard to this course.
- **Religious observances:** Any student in this course who plans to observe a religious holiday which conflicts in any way with the course schedule or requirements should contact me as soon as possible to discuss alternative accommodations.