

Instructor Alexander Balk, JWB 304, balk@math.utah.edu, 801-581-7512

Lectures: Mo We Fr 10:45-11:35, JTB 320

Office Hours: We Th 3:30-4:30 via Zoom, or by appointment (via Zoom & in person)

Polls I will be polling the class; you will need to respond to the poll questions with your phone (or computer).
Please bring your phone to each lecture.

Textbook No textbook is required for this class. Suggested texts:

1. *Applied Partial Differential Equations* by J. David Logan
2. *Partial Differential Equations: An Introduction* by Walter A. Strauss
3. *Applied Partial Differential Equations with Fourier Series and Boundary Value Problems* by Richard Haberman

Grading The grade for the class will be calculated as follows:

Policy **50% - HW:** Weekly homework

30% - Qz: Weekly in-class quizzes

20% - Final: Comprehensive concluding exam

The scale for the total grade (%):

	A (95-100),	A- (90-94),
B+ (85-89),	B (80-84),	B- (75-79),
C+ (70-74),	C (65-69),	C- (60-64),
D+ (55-59),	D (50-54),	D- (45-49), E (0-44)

HW Homework assignments will be posted in Canvas usually on Th. You will need to upload your solutions to **Gradescope** (access via Canvas) **during the week ending We, 11:59pm.**

Qz The quizzes are held during the first 20 min of class on **Fr.** I upload your quizzes to Gradescope.

Final The problems of the concluding exam are similar to the ones in Lectures, Qz, and HW.
The exam is held on We, 12/15/21, 10:30 - 12:30 am in the regular classroom.

You are able to see your graded work (HW, Qz, and Final) with my comments in Gradescope.

I can routinely invite some students for a Zoom interview to ask them to explain their solutions (in HW and/or Qz) and to answer basic questions about the material studied up-to-date.

Late/missing work It is important that you complete all your work on time (and understand the next material).

So, please, no late HW and no make-up of missed Qz. I will drop one lowest score in HW and one — in Qz.

Extra work for Math6850 (1) extra HW problems and (2) 20 min presentation related to PDEs

You need to solve all Qz & Final problems without books, notes, and electronics (including simple calculators). For any problem, just the correct answer (without derivation or explanation) hardly costs anything.

The first Poll is during the first lecture, on the first Mo.

The first Quiz is on the first Fr.

The first HW is assigned on the first Th and is due before 11:59 pm on the second We.

Google can help on “how to scan and upload to Gradescope”; the latter needs a single pdf that contains all pages.