

MATH 2250: DIFFERENTIAL EQUATIONS AND LINEAR ALGEBRA

Professor: Dr. Daniel Hernández

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Office: JWB 118

Lecture: Section 13: Tuesday/Thursday, 12:25-2:10, SFEBB 180 .

Office Hours: After lecture

Lab: All labs will be led by [Priscilla Elizondo](#).

- Section 14: Wednesday, 11:50-12:40, LCB 121
- Section 15: Wednesday, 12:55 - 1:45, JWB 333

Text: *Linear Algebra & Differential Equations with Introductory Partial Differential Equations and Fourier Series*, ISBN-13: 978-1-269-42557-5. This text is a hybrid of the three texts:

- (1) *Differential Equations and Linear Algebra* (3rd Edition), by Edwards and Penney
- (2) *Applied Partial Differential Equations with Fourier Series and Boundary Value Problems* (5th edition), by Haberman.
- (3) *Elementary Linear Algebra*, by Edwards and Penney.

You should definitely buy this version of the text if you plan to take the 4th semester in the new engineering math sequence, Math 3140, or the PDE course Math 3150.

Note: If Math 2250 is your **last math course at Utah**, then buying (1) above will suffice.

Course Websites: We will use two websites.

- <http://www.math.utah.edu/~dhernan/math2250.html>, the definitive course website.
- **CANVAS** will be used primarily for deadlines/grades.

Course Content: Please see the *Course Overview* on the course website.

Exams: There will be two midterms and one final exam.

- Midterm 1: Thursday, October 3rd, 2013.
- Midterm 2: Thursday, November 14th, 2013.
- Final Exam: Wednesday, December 18th, 2013, 10:30 am - 12:30 pm

Grading: For a description of these components, see the *Course Overview* on the course website.

- Homework: 10% (lowest 3 scores will be dropped)
- (Usual) Quizzes: 5% (lowest 2 scores will be dropped)
- Super Quizzes: 5% (lowest score will be dropped)
- Lab: 20%. (no scores will be dropped)
- Midterm Exams: 15% each midterm, for a total of 30%. (no scores will be dropped)
- Final Exam: 30%

Student Conduct: I expect the highest standards of conduct from members of this class. All students are expected to follow the Code of Student Rights and Responsibilities, and any instances of academic dishonesty will be treated seriously. For more information, see

<http://regulations.utah.edu/academics/6-400.php>.

The use of phones, computers, and newspapers is not permitted during lectures. In particular, text messaging and internet browsing *will not be tolerated*.

Students with Disabilities: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for Disability Services.