

**MATH 3150 PDES FOR ENGINEERS
FALL 2008 SYLLABUS**

Instructor: Fernando Guevara Vasquez.

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Office hours: MWF 11am-12pm or by appointment

Textbook: N.H. Asmar, *Partial Differential Equations with Fourier Series and Boundary Value Problems*, Prentice Hall, 2nd ed, ISBN-13: 978-0131480964

Prerequisites: Vector Calculus (Math 2210), ODEs and linear algebra (Math 2250 or Math 2270/2280 series). Some Matlab programming.

Hours and Classroom: MW 12:55pm-1:45pm, LCB 219

Course Website:

http://www.math.utah.edu/~fguevara/math3150_f08

Grading: weekly homeworks 20%, three midterms (20% each) and a comprehensive final exam (20%).

Exams:

Midterm 1: Wed September 24

Midterm 2: Wed October 29

Midterm 3: Mon December 1st

Final: Mon December 15, **1pm-3pm** (per university's final exam schedule)

Material covered: 1.1–1.2, 2.1–2.4, 3.1–3.8; 4.1–4.4, 7.1–7.5.

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 written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.