

MATH 5A

Fall 2009, MWF 12:00-12:50, GIRV 1004

Instructor: Prof. Rick Ye

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Office Hours: W 1:05-2:35, SH6509; MWF 12:50-1:00 GIRV 1004; and by appointments.

Text: *Differential Equations & Linear Algebra* by Farlow, Hall, McDill and West, 2nd custom edition for UCSB.

Exams: One midterm (date to be announced) and the final.

Calculator and Notecard: No calculator is allowed on exams. One notecard is allowed on each exam.

Materials to be Covered: (subject to change)

Chapter 4: Higher-order linear differential equations (Section 4.7 will not be covered.)

Chapter 5: Linear transformations

Chapter 6: Linear systems of differential equations

Chapter 7: Nonlinear systems of differential equations

Homework: Webwork. An email will be sent to everyone each time a new set of homework on the webwork is ready. You have to finish each set before it closes.

The webwork is at:

<http://webwork.math.ucsb.edu>

(You can also go to: www.math.ucsb.edu

Then look for Webwork under Other Information.)

Grading: Midterm 25%, Final 50%, Homework 25%.