

MATH 147B Introduction to Differential Geometry
Spring 2010, MWF 2:00-2:50, GIRV 2123

Instructor: Prof. Rick Ye

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Office Hours: M3:05-4:35, W3:05-4:05, SH6509; MWF 2:50-3:00, GIRV 2123 (to be modified)

Text: *Differential Geometry: A First Course in Curves and Surfaces* by Theodore Shifrin, available at www.math.ucsb.edu/~yer

Reference: *Differential Geometry and Its Applications*, by John Oprea, Prentice Hall. Additional materials may be added during the course.

Plan (subject to change): Sections 3 and 4 of Chapter 2, and Chapter 3.

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

Homework: Homework will be posted online.

Grading: (subject to modifications) Midterm 20%, Homework 20%, and Final 60%.