

Mathematics 32
Spring 2008

Instructor: Professor R. Alperin: Office: Duncan 239; Telephone: 924-5066;
Office hours: MW: 10:45-11:30; M: 2:45-4; M: 4-5 or by appt.

Text: *Calculus by Stewart, 5e*

Course: Calculus of Several Variables

Prerequisites are Math 31 with grade of C- or better. Final grade based on 350 point total on tests; notebook of homework assignments to be collected during each exam or when requested in class.

Chapter 12: 6 Lectures —§1: 1-37; §2: 1-33; §3: 1-47; §4: 1-15,23-37; §5: 1-71; §6: 1-35,41-45

Chapter 13: 4 Lectures—§1: 1-25,33,35; §2: 1-25,29,31-39; §3: 1-5,9-21,23-29,37-41; §4: 1-7,9-15,19-27,31-35

Chapter 14: 7 Lectures—§1: 1-45,53-63; §2: 1-19,27-39; §3: 1-9,13-67; *mid* §4: 1-5,11-17,19-37; §5: 1-45; §6: 1-35,39-43,47,51-59; §7: 1-17,27-33,37-43,45,49; §8: 1-19, 23-39

MIDTERM 1: March 12, 100 points

Chapter 15: 7 Lectures— §1: 1-13; §2: 1-29,33; §3: 1-27,31,37-51; §4: 1-35; §6: 1-11; §7: 1-19,25-33; §8: 1-13,17-23,33-35;§9: 1-15

MIDTERM 2: April 21, 100 points

Chapter 16: 4 Lectures— §1: 1-17,21-25,29,31; §2: 1-23,37,39; §3: 1-23,29,31; §4: 1,3,7-19

COMPREHENSIVE FINAL, 150 points, May