

Multivariable Calculus II
Math 252–2
Syllabus, Winter 2010

Class meets Tuesday and Thursday, 4:00–5:50 p.m. JB 383

Instructor Dr. Charles Stanton
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Office hours: Tuesday and Thursday 9:00–10:00 a.m.
Monday and Wednesday, 12–1 p.m.
and by appointment
Textbook: *Vector Calculus*
by Jerrold E. Marsden and Anthony J. Tromba Fifth ed.
Prerequisite: Mathematics 251 with a grade of “C” or better.

Grading: Your grade will be based on homework, two midterms, and a final exam.

Homework	150 points total
2 Midterms	200 points total
Final exam	150 points
Total	500 pts

Grading Scale:

A	92–100	C+	71–73
A-	89–91	C	62–70
B+	86–88	C-	60–61
B	78–85	D	50–59
B-	74–77	F	0–49

Homework: Homework will be assigned and collected weekly. Late homework will not be accepted.

Midterms: The first Midterm will be on Thursday, February 4, and the second will be on Thursday, March 4.

Final Exam: Tuesday, March 23, 4–6 p.m.

Course content. We will cover chapters 5–8. This includes multiple integrals, change of variables, line and surface integrals, and Green’s Theorem, Stokes Theorem, and Gauss’ Theorem.

Students with Disabilities: If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238

State Budget Closure Days and Furlough Days: Friday February 12 and Tuesday March 2 the campus will be closed. In addition, Dr. Stanton will be on furlough Fridays January 8, January 29, and February 26.

Furlough Assignment A special assignment will be given for the March 2 campus closure day.

Last Day to Drop: Feb 1. See the CSUSB Class Schedule for more information.

Tentative Homework Schedule

Due	Section	Page	Problems
January 19	§5.1	Page 325	1, 2, 4, 5, 7–11
	§5.2	Page 339	1, 2, 6, 11
January 26	§5.3	Page 347	1, 2, 3, 6, 7
	§5.4	Page 353	1, 2, 4
February 2	§5.5	Page 363	1–3, 13–21, 24, 25
February 9	§6.2	Page 390	1, 2, 11–14, 19–21, 23, 26
February 16	§6.3	Page 405	10, 11, 15, 16
	§6.4	Page 415	1–4, 17
	§7.1	Page 427	1–4
February 23	§7.2	Page 447	1, 2, 3, 7, 9, 12
	§7.3	Page 459	1–4, 10
March 2	§7.4 (March 2 campus is closed, Due March 4)	Page 471	1, 3, 6, 7, 15
March 9	§7.5	Page 480	1, 2, 7, 10, 11
	§7.6	Page 497	1–6, 9, 10
March 16	§8.1	Page 528	1–7, 15
	§8.2	Page 547	1–8
March 23	§8.3	Page 558	3, 4, 13, 14
	§8.4	Page 573	1, 2, 3