

Math 2E Suggested Syllabus

Text: *Calculus*, Stewart, 6th Edition/UCI Custom Edition

Lecture	Section	Topic
1	Review	16.2, 16.3 – Double Integrals
2	Review	16.6 – Triple Integrals
3	Review	16.4, 16.7, 16.8 – Polar, Cylindrical and Spherical Coordinate Integrals
4	16.9	Change of Variables in Multiple Integrals
5	16.9	Cont.
6	17.1	Vector Fields
7	17.2	Line Integrals
8	17.2	Cont.
9	17.3	Fundamental Theorem for Line Integrals
10	17.3	Cont.
11	17.4	Green's Theorem
12	17.4	Cont.
13		Review
14		Midterm # 1
15	17.5	Curl and Divergence
16	17.5	Cont.
17	17.6	Parametric Surfaces
18	17.6	Cont.
19	17.7	Surface Integrals
20	17.7	Cont.
21	17.7	Cont.
22	17.8	Stoke's Theorem
23	17.8	Cont.
24		Review
25		Midterm # 2
26	17.9	Divergence Theorem
27	17.9	Cont.
28	17.10	Summary
29		Review
30		Final Exam