

# 251/253/221 COURSE SCHEDULE

Week	Dates 2011	Stewart Sections	Topics
1	1/17-1/21	11.1, 11.2,	Coordinates, Dot Product
2	1/24-1/28	11.3, 11.4, 11.5	Cross Product, Lines, Planes, Quadrics
3	1/31-2/4	11.6, 11.7, 11.8, 14.2	Curve Properties, Line Integrals
4	2/7-2/11	12.1, (12.2*), 12.3, 12.4	2D-3D Fns, (Limits), Partial Derivs, Tangent Planes
5	2/14-2/18	12.5, 12.6	Chain Rule, Directional Derivs
6	2/21-2/25	12.7, 12.8	Max/Min Problems
7	2/28-3/4	13.1, 13.2, Exam 1	Multiple Integrals
8	3/7-3/11	13.3, 13.8	Multiple Integrals
	Spring Break		
9	3/21-3/25	13.4, 13.5, 13.6	Polar Integrals, Applications
10	3/28-4/1	13.9, 13.10, 13.11	Cylindrical, Spherical and Curvilinear Integrals
11	4/4-4/8	14.1, 14.5	Vector Fields, Grad, Div, Curl
12	4/11-1/15	14.6, 14.7	Surface Integrals
13	4/18-4/22	14.3, 14.4, Good Fri	FTCC, Green's Theorems
14	4/25-4/29	14.8, 14.9, Exam 2	Stokes', Gauss' Theorems
15	5/2-5/3	Review	Review

\*12.2 is only covered in 221 and 251/253 Honors