

## 251/253/221 COURSE SCHEDULE

Week	Dates 2012	Stewart Sections	Topics
1	8/27-8/31	11.1, 11.2,	Coordinates, Dot Product
2	9/3-9/7	11.3, 11.4, 11.5	Cross Product, Lines, Planes, Quadrics
3	9/10-9/14	11.6, 11.7, 11.8, 14.2	Curve Properties, Line Integrals
4	9/17-9/21	12.1, (12.2*), 12.3, 12.4	2D-3D Fns, (Limits), Partial Derivs, Tangent Planes
5	9/24-9/28	12.5, 12.6	Chain Rule, Directional Derivs
6	10/1-10/5	12.7, 12.8	Max/Min Problems
7	10/8-10/12	13.1, 13.2, Exam 1	Multiple Integrals
8	10/15-10/19	13.3, 13.8	Multiple Integrals
9	10/22-10/26	13.4, 13.5, 13.6	Polar Integrals, Applications
10	10/29-11/2	13.9, 13.10, 13.11	Cylindrical, Spherical and Curvilinear Integrals
11	11/5-11/9	14.1, 14.5	Vector Fields, Grad, Div, Curl
12	11/12-11/16	14.6, 14.7, Exam 2	Surface Integrals
13	11/19-11/23	14.3, 14.4, Thanksgiving	FTCC, Green's Theorems
14	11/26-11/30	14.8, 14.9	Stokes', Gauss' Theorems
15	12/3-12/7	Review, Final Exam	Review

\*12.2 is only covered in 221 and 253 Honors