Math 251, Fall 2005, Tentative Schedule:

Date	Section/Topic
W 8/31/05	First Day Handout; §13.2 – Vectors
F 9/2/05	§13.3 – Dot product
M 9/5/05	LABOR DAY
W 9/7/05	§13.4 – Cross product
F 9/9/05	§13.5 – Lines and planes
M 9/12/05	§13.6 – Cylinders and quadric surfaces
W 9/14/05	§13.7 – Cylindrical and Spherical Coordinates
F 9/16/05	Review for Test 1
M 9/19/05	**Test 1: 13.1–13.7**
W 9/21/05	§14.1 – Vector functions and space curves
F 9/23/05	§14.2 – Derivatives and integrals of vector functions
M 9/26/05	§14.3 – Arc length and curvature
W 9/28/05	§14.4 – Motion in space
F 9/30/05	§15.1 – Functions of several variables
M 10/3/05	§15.2 – Limits and continuity
W 10/5/05	§15.3 – Partial derivatives
F 10/7/05	§15.4 – Tangent planes and linear approximations
M 10/10/05	§15.5 – Chain Rule

Date	Section/Topic
W 10/12/05	§15.6 – Directional derivatives and gradient vector
F 10/14/05	§15.7 – Maximum and minimum values
M 10/17/05	§15.8 – Lagrange multipliers
W 10/19/05	Review for Test 2
F 10/21/05	**Test 2: 14.1 – 15.8**
M 10/24/05	§16.1 – Double integrals over rectangles
W 10/26/05	§16.2 – Iterated integrals
F 10/28/05	§16.3 – Double integrals over general regions
M 10/31/05	§16.4 – Double integrals in polar coordinates
W 11/2/05	§17.1 – Vector fields
F 11/4/05	§17.2 – Line integrals
M 11/7/05	§17.3 – Fundamental theorem for line integrals
W 11/9/05	§17.4 – Green's theorem
F 11/11/05	§17.5 – Curl and divergence
M 11/14/05	**Quiz: 16.1 – 17.4**
W 11/16/05	§17.6 – Parametric surfaces and their areas
F 11/18/05	§17.7 – Surface integrals
M 11/21/05	§17.8 – Stoke's theorem
W 11/23/05	THANKSGIVING
F 11/25/05	THANKSGIVING

Date	Section/Topic
M 11/28/05	§16.6 – Surface area
W 11/30/05	§16.7 – Triple integrals
F 12/2/05	§16.8 – Triple integrals in cylindrical and spherical coordinates
M 12/5/05	§16.9 – Change of variables in multiple integrals
W 12/7/05	§17.9 – Divergence theorem
F 12/9/05	Catch up Day
M 12/12/05	Review
F 12/16/05	FINAL EXAM