Math 251, Fall 2007, Tentative Schedule:

Date	Section/Topic
W 8/29/07	First Day Handout; §13.2 – Vectors
F 8/31/07	§13.3 – Dot product
M 9/3/07	Labor Day
W 9/5/07	§13.4 – Cross product
F 9/7/07	§13.5 – Lines and planes
M 9/10/07	§13.6 – Cylinders and quadric surfaces
W 9/12/07	§13.7 – Cylindrical and Spherical Coordinates
F 9/14/07	§14.1 – Vector functions and space curves
M 9/17/07	§14.2 – Derivatives and integrals of vector functions
W 9/19/07	Review for Exam 1
F 9/21/07	**Exam 1**
M 9/24/07	§14.3 – Arc length and curvature
W 9/26/07	§14.4 – Motion in space
F 9/28/07	§15.1 – Functions of several variables
M 10/1/07	§15.2 – Limits and continuity
W 10/3/07	§15.3 – Partial derivatives
F 10/5/07	§15.4 – Tangent planes and linear approximations
M 10/8/07	§15.5 – Chain Rule
W 10/10/07	§15.6 – Directional derivatives and gradient vector

Date	Section/Topic
F 10/12/07	§15.7 – Maximum and minimum values
M 10/15/07	§15.8 – Lagrange multipliers
W 10/17/07	§16.1 – Double integrals over rectangles
F 10/19/07	§16.2 – Iterated integrals
M 10/22/07	§16.3 – Double integrals over general regions
W 10/24/07	Review for Exam 2
F 10/26/07	**Exam 2**
M 10/29/07	§16.4 – Double integrals in polar coordinates
W 10/31/07	§17.1 – Vector fields
F 11/2/07	§17.2 – Line integrals
M 11/5/07	§17.3 – Fundamental theorem for line integrals
W 11/7/07	§17.4 – Green's theorem
F 11/9/07	§17.5 – Curl and divergence
M 11/12/07	§17.6 – Parametric surfaces and their areas
W 11/14/07	§17.7 – Surface integrals
F 11/16/07	§17.8 – Stoke's theorem
M 11/19/07	**Quiz**
W 11/21/07	No Class
F 11/23/07	Thanksgiving Break

Date	Section/Topic
M 11/26/07	§16.6 – Surface area
W 11/28/07	§16.7 – Triple integrals
F 11/30/07	§16.8 – Triple integrals in cylindrical and spherical coordinates
M 12/3/07	§16.9 – Change of variables in multiple integrals
W 12/5/07	§17.9 – Divergence theorem
F 12/7/07	Catch up Day
M 12/10/07	Review for Final Exam
W 12/19/07	**FINAL EXAM**