

Aug 27	13.1–2 3D Coordinates, Vectors
29	13.3 Dot Product
Sept 1	13.4 Cross Product
3	13.5 Lines, Planes
5	13.5 Planes
8	14.1 Vector Functions, Space Curves
10	14.2 Derivatives, Integrals
12	14.3 Arc Length (Skip Curvature)
15	14.4 Motion in Space
17	15.1 Functions of Several Variables
19	15.2 Limits, Continuity
22	15.3 Partial Derivatives
Sept 23	Exam I
24	15.5 Chain Rule
26	15.6 Directional Derivatives, Gradients
29	15.6 Tangent Planes, Normal Lines
Oct 1	15.7 Maxima, Minima, Saddle Points
3	15.7 Maxima, Minima, Saddle Points
6	15.8 Lagrange Multipliers
8	15.8 Two Constraints
10	16.1 Double Integrals over Rectangles
13	16.2–3 Iterated Integrals, General Regions
15	16.3–4 Double Integrals over General Regions
17	16.4 Double Integrals in Polar Coordinates
Oct 18–26	<i>Fall Break</i>
27	16.5 Moments, Centers of Mass
Oct 28	Exam II
29	16.6 Triple Integrals
31	16.7 Triple Integrals in Cylindrical coordinates
Nov 3	16.8 Triple Integrals in Spherical coordinates
5	16.9 Change of Variables in Multiple Integrals
7	17.2 Line Integrals of Functions
10	17.1–2 Line Integrals of vector fields
12	17.3 Fundamental Theorem of Line Integrals
14	17.4 Green's Theorem
17	17.5 Curl, Divergence
Nov 18	Exam III
19	Leeway
21	17.6 Parametric Surfaces, Tangent Planes, Area
24	17.7 Surface Integrals, Flux Integrals
26–30	<i>Thanksgiving Holiday</i>
Dec 1	17.8 Flux Integrals, Stokes' Theorem
3	17.8 Stokes' Theorem
5	17.9 Divergence Theorem
8	17.9 Divergence Theorem
10	<i>Review</i>
Dec 17	Final Exam 1:45–3:45 P.M.