

Course Schedule: Below is a week-by-week breakdown of course coverage. Schedule is subject to change with email notice will be given.

Week	Dates	Coverage
1	Jan 12 & 14	<i>Course Intro</i> 13.1 – Vectors in the Plane 13.2 – Vectors in Three Dimensions 13.3 – Dot Products
2	Jan 19 & 21	13.4 – Cross Products 13.5 – Lines and Planes in Space 13.6 – Cylinders and Quadric Surfaces
3	Jan 26 & 28	14.1 – Vector-Valued Functions 14.2 – Calculus of Vector-Valued Functions 14.3 – Motion in Space 14.4 – Length of Curves
4	Feb 2 & 4	14.5 – Curvature and Normal Vectors <i>Exam #1</i>
5	Feb 9 & 11	15.1 – Graphs and Level Curves 15.2 – Limits and Continuity 15.3 – Partial Derivatives
6	Feb 16 & 18	15.4 – The Chain Rule 15.5 – Directional Derivatives and the Gradient 15.6 – Tangent Planes and Linear Approximation
7	Feb 23 & 25	15.7 – Maximum/Minimum Problems 15.8 – Lagrange Multipliers
8	Mar 2 & 4	<i>Exam #2</i> 16.1 – Double Integrals over Rectangular Regions 16.2 – Double Integrals over General Regions
9	Mar 9 & 11	16.3 – Double Integrals in Polar Coordinates 16.4 – Triple Integrals 16.5 – Triple Integrals in Cylindrical and Spherical Coordinates
10	Mar 16 & 18	16.6 – Integrals for Mass Calculations 16.7 – Change of Variables in Multiple Integrals <i>Exam #3</i>
11	Mar 22 – 26	Spring Break
12	Mar 30 & Apr 1	17.1 – Vector Fields 17.2 – Line Integrals 17.3 – Conservative Vector Fields
13	Apr 6 & 8	17.4 – Green's Theorem 17.5 – Divergence and Curl
14	Apr 13 & 15	17.6 – Surface Integrals 17.7 – Stokes' Theorem
15	Apr 20 & 22	17.8 – Divergence Theorem <i>Exam #4</i>
16	Apr 27 & 29	<i>Catch up</i> <i>Review for Final Exam</i>

Final Exam will be given on Tuesday, May 4, 8:00 – 10:00.