

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

Week	Dates	Coverage
1	Jan 14 & 16	Course Intro Review of Section 4.9 & 5.5 6.1 – Velocity and Net Change 6.2 – Regions Between Curves
2	Jan 21 & 23	6.3 – Volume by Slicing 6.4 – Volume by Shells 6.5 – Length of Curves 6.6 – Surface Area
3	Jan 28 & 30	6.7 – Physical Applications 7.1 – Logarithmic and Exponential Functions Revisited 7.2 – Exponential Models
4	Feb 4 & 6	7.3 – Hyperbolic Functions Exam #1
5	Feb 11 & 13	8.1 – Basic Approaches 8.2 – Integration by Parts
6	Feb 18 & 20	8.3 – Trigonometric Integrals 8.4 – Trigonometric Substitutions
7	Feb 25 & 27	8.5 – Partial Fractions 8.9 – Improper Integrals
8	Mar 4 & 6	Exam #2 10.1 – An Overview 10.2 – Sequences 10.3 – Infinite Series
9	Mar 11 & 13	10.4 – The Divergence and Integral Tests 10.5 – Comparison Tests 10.6 – Alternating Series
10	Mar 18 & 20	10.7 – The Ratio and Root Tests Exam #3
11	Mar 24 – 28	Spring Break
12	Apr 1 & 3	11.1 – Approximating Functions with Polynomials 11.2 – Properties of Power Series
13	Apr 8 & 10	11.3 – Taylor Series 11.4 – Working with Taylor Series
14	Apr 15 & 17	12.1 – Parametric Equations 12.2 – Polar Coordinates 12.3 – Calculus in Polar Coordinates
	Apr 22 & 24	12.4 – Conic Sections Exam #4
15	Apr 29 & May 1	Catch up Review for Final Exam
	May 5 – 9 Finals Week	Final Exam will be given on Tuesday, May 6, 8:00 – 10:00.