

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