

Monday	Tuesday	Wednesday	Thursday	Friday
January 8 Section 7.1: Basic Approaches to Integration	9	10 Section 6.2: Area Between Curves <i>Read "Riemann Sum" handout before class!</i>	11 Quiz 1 (7.1)	12 Section 6.3: Volume by Slicing
15 –MLK Day – No Classes MML Review 1: Preparing for Math 1172	16	17 Section 6.4: Volume by Shells Weekly HW 1	18 Quiz 2 (6.2, 6.3)	19 Section 6.5: Length of Curves
22 Section 6.7: Physical Applications MML Review 2: Square Roots	23	24 Section 7.2: Integration by Parts Weekly HW 2	25 Quiz 3 (6.3-6.7)	26 Section 7.3: Trigonometric Integrals
29 Section 7.4: Trigonometric Substitution MML Review 3: Trig	30 Project #1 Due	31 REVIEW Weekly HW 3	February 1 MIDTERM 1 (6.2-6.5, 6.7, 7.1-7.4) 7:05 – 8:00 PM	2 Section 7.5: Partial Fractions <i>(last day to drop without a "W")</i>
5 Section 7.8: Improper Integrals MML Review 4: Adding Rational Functions and Limits to Infinity	6	7 Section 9.1: Overview of Sequences and Series Weekly HW 4	8 Quiz 4 (7.5,7.8)	9 Section 9.2: Sequences
12 Section 9.3: Series MML Review 5: Sigma Notation and Exponents	13	14 Section 9.4: Divergence Test and Conceptual Questions Weekly HW 5	15 Quiz 5 (9.1-9.3)	16 Section 9.5: Ratio Test
19 Section 10.1: Approximating Functions with Polynomials MML Review 6: Factorials	20	21 Section 10.2: Properties of Power Series Weekly HW 6	22 Project #2 Due Quiz 6 (9.4, 9.5)	23 Section 10.3: Taylor Series
26 Section 10.4: Working with Taylor Series MML Review 7: Inequalities	27 Quiz 7 (10.1-10.3)	28 Review Weekly HW 7	March 1 MIDTERM 2 (7.5-7.8, 9.1-9.5, 10.1-10.4) 7:05 – 8:00 PM	2 Section 10.4: Solving IVP with Taylor Series

Monday	Tuesday	Wednesday	Thursday	Friday
5 Section 11.1: Parametric Equations MML Review 8: Tangent Lines	6	7 Section 11.2: Polar Equations Weekly HW 8	8 Quiz 8 (11.1)	9 Section 11.3: Calculus in Polar Coordinates
12 - Spring Break – No Classes	13 - Spring Break – No Classes	14 - Spring Break – No Classes	15 - Spring Break – No Classes	16 - Spring Break – No Classes
19 Section 11.3: Calculus in Polar Coordinates	20	21 Sections 12.1, 12.2: Vectors in Two and Three Dimensions Weekly HW 9	22 Project #3 Due Quiz 9 (11.2-11.3)	23 Section 12.3: Dot Products <i>(last day to drop without petition)</i>
26 Section 12.4: Cross Products MML Review 9: Conics (w/ Review Lesson)	27	28 Section 12.5: Lines and Curves in Space Weekly HW 10	29 Quiz 10 (12.1-12.4)	30 Sections 12.6 & 12.7 Calculus of Vector- Valued Functions & Motion in Space
April 2 Section 12.8: Length of Curves MML Review 10: Square Roots and integration	3	4 Review Weekly HW 11	5 MIDTERM 3 (11.1-11.3, 12.1- 12.8) 7:05 – 8:00 PM	6 Section 13.1: Planes and Surfaces
9 Section 13.2: Level Curves MML Review 11: Differentiation Rules	10	11 Section 13.3: Limits and Continuity Weekly HW 12	12 Project #4 Due Quiz 11 (13.1-13.2)	13 Section 13.4: Partial Derivatives
16 Section 13.5: Chain Rule	17	18 Section 13.6: Directional Derivatives and the Gradient Weekly HW 13	19 Quiz 12 (13.3-13.5)	20 Section 13.6: Directional Derivatives and the Gradient
23 REVIEW Weekly HW 14	24	25 Last Day to Submit any Late MML Assignments	26 Final Exam (Cumulative) 6:00-7:45 PM	27