

Day	Topic(s)	Assignments Due
Tues 1/18	Calc Preview, 1.2 Finding Limits Graphically and Numerically	
Wed 1/19	1.2 Finding Limits Graphically and Numerically	
Thurs 1/20	1.3 Evaluating Limits Analytically	
Fri 1/21	SLA Activities: 1.2 and 1.3	
Mon 1/24	1.3 Evaluating Limits Analytically	
Tues 1/25	Finish 1.3/1.4 Continuity and One-Sided Limits	
Wed 1/26	1.4 Continuity and One-Sided Limits	HW: 1.2, 1.3
Thurs 1/27	1.5 Infinite Limits	Quiz 1: 1.2, 1.3
Fri 1/28	SLA Activities: 1.3 and 1.4	
Mon 1/31	1.5 Infinite Limits	
Tues 2/1	3.5 Limits at Infinity	HW: 1.4, 1.5
Wed 2/2	3.5 Limits at Infinity	Quiz 2: 1.4, 1.5
Thurs 2/3	Review for Test 1	
Fri 2/4	SLA Activity: 1.5 and 3.5	HW: 3.5
Mon 2/7	<b>Test 1: Chapter 1 and Section 3.5</b>	
Tues 2/8	2.1 The Derivative and the Tangent Line Problem	
Wed 2/9	2.1 The Derivative and the Tangent Line Problem	
Thurs 2/10	2.2 Basic Differentiation Rules and Rates of Change	
Fri 2/11	SLA Activities: 2.1 and 2.2	
Mon 2/14	2.2 Basic Differentiation Rules and Rates of Change	
Tues 2/15	2.3 Product and Quotient Rules and Higher-Order Derivatives	HW: 2.1, 2.2
Wed 2/16	2.3/2.4 The Chain Rule	Quiz 3: 2.1, 2.2
Thurs 2/17	2.4 The Chain Rule	
Fri 2/18	SLA Activities: 2.3 and 2.4	
Mon 2/21	Finish 2.4/2.5 Implicit Differentiation	
Tues 2/22	2.5 Implicit Differentiation	HW: 2.3, 2.4
Wed 2/23	2.6 Related Rates	Quiz 4: 2.3, 2.4
Thurs 2/24	2.6 Related Rates	
Fri 2/25	SLA Activities: 2.5 and 2.6	
Mon 2/28	Review for Test 2	HW: 2.5, 2.6
Tues 3/1	<b>Test 2: Chapter 2</b>	
Wed 3/2	3.1 Extrema on an Interval	
Thurs 3/3	3.1/3.2 Rolle's Theorem and the Mean Value Theorem	
Fri 3/4	SLA Activities: 3.1 and 3.2	
M 3/7-F 3/11	<b>NO CLASS - Spring Break</b>	
Mon 3/14	3.2/3.3 Increasing and Decreasing Functions and the First Derivative Test	
Tues 3/15	3.3 Increasing and Decreasing Functions and the First Derivative Test	HW: 3.1, 3.2
Wed 3/16	3.4 Concavity and the Second Derivative Test	Quiz 5: 3.1
Thurs 3/17	3.4 Concavity and the Second Derivative Test	
Fri 3/18	SLA Activities: 3.3 and 3.4	
Mon 3/21	3.7 Optimization Problems	HW: 3.3, 3.4
Tues 3/22	3.7 Optimization Problems	Quiz 6: 3.3, 3.4
Wed 3/23	3.7 Optimization Problems	
Thurs 3/24	3.8 Newton's Method	
Fri 3/25	SLA Activities: 3.7 and 3.8	
Mon 3/28	Review for Test 3	HW: 3.7, 3.8
Tues 3/29	<b>Test 3: Chapter 3</b>	
Wed 3/30	4.1 Antiderivatives and Indefinite Integration	

Thurs 3/31	4.2 Area	
Fri 4/1	SLA Activities: 4.1 and 4.2	
Mon 4/4	4.2 Area	
Tues 4/5	4.3 Riemann Sums and Definite Integrals	HW: 4.1, 4.2
Wed 4/6	4.4 The Fundamental Theorem of Calculus	Quiz 7: 4.1, 4.2
Thurs 4/7	4.4 The Fundamental Theorem of Calculus	
Fri 4/8	SLA Activities: 4.3 and 4.4	
Mon 4/11	4.5 Integration by Substitution	HW: 4.3, 4.4
Tues 4/12	4.5 Integration by Substitution	Quiz 8: 4.3, 4.4
Wed 4/13	5.1/5.2 The Natural Logarithmic Function	
Thurs 4/14	5.2 The Natural Logarithmic Function: Integration	
Fri 4/15	<b>NO CLASS - Spring Holiday</b>	
Mon 4/18	Review for Test 4	HW: 4.5, 5.2
Tues 4/19	<b>Test 4: Chapter 4</b>	
Wed 4/20	Revisit 5.1 Log Function: Differentiation/5.3 Inverse Functions	
Thurs 4/21	5.4 Exponential Functions	HW: 5.1
Fri 4/22	5.5 Bases Other than $e$ and Applications	Quiz 9: 5.1
Mon 4/25	5.6 Indeterminate Forms and L'Hopital's Rule	HW: 5.4, 5.5
Tues 4/26	5.7 Inverse Trigonometric Functions: Derivatives	Quiz 10: 5.4, 5.5
Wed 4/27	5.7/5.8 Inverse Trigonometric Functions	HW: 5.6
M 5/2 or R 5/5	<b>Final Exam: 8:00am-10:00am</b>	