

Day	Date	Sxn	Topic/Homework
1-M	1/13	7.1	Working with Algebraic Functions 0, 3, 4, 5, 8, 9, 14, 17, 19, 20, 25, 28, 31, 40, 42, 47, 49, 56, 57, 58, 64, 72, 74.
1-T	1/14	-	<b>Diagnostic Quiz</b>
		7.2	The Product Rule and the Chain Rule 0, 6, 9, 11, 13, 15, 20, 22, 23, 28, 35, 40, 43, 48, 54, 56, 61, 66, 70, 72, 79, 85, 90, 93.
1-W	1/15	7.3	Implicit Differentiation 0, 3, 5, 9, 11, 12, 13, 15, 16, 18, 26, 27, 28, 32, 33, 38, 39, 40, 41, 42, 43, 57.
1-F	1/17	-	<b>No class</b> (I'll be out of town)
2-M	1/20	-	<b>Martin Luther King Day</b>
2-T	1/21	-	<b>Quiz 1</b> (7.1, 7.2, 7.3)
		7.4	Related Rates 0, 3, 4, 7, 8, 9, 10, 12, 13, 18, 19, 20, 21, 23, 24, 25, 28.
2-W	1/22	7.5	Optimization and Curve Sketching 0, 4, 10, 17, 20, 23, 24, 28, 31, 35, 37, 41, 44, 46, 51, 56, 61, 64, 67, 70, 71, 74, 75, 76.
2-F	1/24	8.1	The Algebra of Exponential Functions 0, 2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 18, 20, 21, 24, 26, 27, 28, 30, 31, 32, 33.
3-M	1/27	-	Problems Day
3-T	1/28	-	<b>Quiz 2</b> (7.4, 7.5, 8.1)
		8.2	The Natural Exponential Function 0, 1, 2, 5, 7, 8, 9, 12, 13, 15, 21, 22, 27, 30, 31, 32, 34, 36, 38, 39, 41, 42, 45, 47, 52.
3-W	1/29	8.3	Limits of Exponential Functions 0, 1, 2, 7, 8, 16, 20, 21, 25, 26, 32, 33, 36, 37, 39, 46, 47, 49, 51, 53, 54, 57, 58.
3-F	1/31	8.4	Derivatives of Exponential Functions 0, 1, 3, 4, 6, 8, 10, 11, 12, 13, 18, 23, 24, 27, 28, 29, 31, 34, 38, 39, 40, 41, 42, 43.
4-M	2/3	-	Problems Day
4-T	2/4	-	<b>Quiz 3</b> (8.2, 8.3, 8.4)
		8.5	Graphs of Exponential Functions 0, 2, 3, 4, 6, 7, 9, 11, 14, 15, 16, 19, 20, 23, 29, 31, 33, 36, 38, 39, 43, 44.
4-W	2/5	8.6	Applications of Exponential Functions 0, 5, 6, 7, 10, 11, 12, 13, 14, 17, 19, 20, 23, 26, 27, 28, 30, 31, 32, 33, 34, 37, 38.
4-F	2/7	8.7	L'Hôpital's Rule 0, 2, 4, 6, 8, 9, 11, 12, 18, 24, 25, 26, 30, 34, 35, 36, 37, 39, 40, 45, 48, 51, 52.
5-M	2/10	-	Review for Test I
5-T	2/11	-	<b>TEST I</b> (7.1–8.7)
5-W	2/12	9.1	The Algebra of Logarithmic Functions 0, 3, 4, 13, 15, 19, 24, 28, 32, 34, 40, 43, 46, 50, 53, 54, 56, 59, 65, 69, 70, 77, 79.
5-F	2/14	9.2	Limits and Derivatives of Logarithmic Functions 0, 3, 4, 5, 8, 11, 12, 14, 15, 20, 22, 26, 30, 32, 34, 38, 40, 43, 48, 49, 51, 56, 58, 60.

Day	Date	Sxn	Topic/Homework
6-M	2/17	-	<b>Quiz 4</b> (9.1, 9.2, Test I) - Problems Day
6-T	2/18	-	<b>Assessment Day</b>
6-W	2/19	9.3	Using Logarithms as a Computational Tool 0, 1, 2, 3, 4, 5, 6, 8, 10, 11, 13, 16, 19, 23, 24, 25, 27, 30, 37, 39, 42, 45, 47, 50.
6-F	2/21	10.1	Right Triangle Trigonometry 0, 1, 2, 4, 5, 7, 9, 16, 22, 23, 24, 27, 31, 33, 35, 36, 37, 38, 39, 40.
7-M	2/24	-	Problems Day
7-T	2/25	-	<b>Quiz 5</b> (9.3, 10.1) 10.2 Unit Circle Trigonometry 0, 2, 7, 9, 10, 12, 14, 17, 20, 23, 35, 38, 46, 52, 55, 61, 63, 68, 72, 75, 79, 84, 85, 87.
7-W	2/26	10.3	The Algebra of Trigonometric Functions 0, 3, 6, 9, 16, 19, 27, 29, 30, 33, 36, 43, 45, 48, 51, 52, 56, 62, 65, 67, 70, 73.
7-F	2/28	10.4	Limits of Trigonometric Functions 0, 1, 2, 7, 10, 14, 15, 16, 29, 31, 35, 37, 42, 48, 49, 50, 52, 53, 55, 56, 57, 62.
8-M	3/3	-	Problems Day
8-T	3/4	-	<b>Quiz 6</b> (10.2, 10.3, 10.4) 10.5 Derivatives of Trigonometric Functions 0, 3, 4, 5, 6, 11, 15, 21, 22, 23, 26, 30, 33, 39, 46, 47, 48, 57, 59, 62, 63, 64, 67, 69.
8-W	3/5	10.6	Graphs of Trigonometric Functions 0, 1, 12, 13, 14, 15, 17, 18, 24, 29, 30, 36, 41, 49, 54, 55, 58, 61, 65, 74, 75, 76, 77, 78.
8-F	3/7	11.1	Defining the Inverse Trigonometric Functions 0, 3, 4, 6, 7, 10, 14, 15, 16, 17, 18, 21, 24, 26, 27, 31, 36, 39, 45, 51, 56, 60, 63, 66, 73.
9-M	3/10	-	<b>Spring Break</b>
9-T	3/11	-	<b>Spring Break</b>
9-W	3/12	-	<b>Spring Break</b>
9-F	3/13	-	<b>Spring Break</b>
10-M	3/17	-	Problems Day
10-T	3/18	-	<b>Quiz 7</b> (10.5, 10.6, 11.1) 11.2 Derivatives of Inverse Trigonometric Functions 0, 1, 3, 6, 7, 8, 9, 10, 13, 16, 17, 21, 22, 25, 27, 28, 29, 36, 37, 40, 44, 45, 47.
10-W	3/19	12.1	Geometric Approximation and Sigma Notation 1, 2, 7, 8, 11, 16, 21, 22, 24, 25, 26, 29, 34, 36, 38, 41, 43, 44, 46, 49, 51, 54, 58, 60.
10-F	3/21	12.2	Approximating Area with Riemann Sums 0, 1, 3, 5, 9, 10, 11, 12, 13, 15, 17, 18, 24, 28, 29, 30, 31, 35, 38, 39, 40, 43.
11-M	3/24	-	Review for Test II
11-T	3/25	-	<b>TEST II</b> (9.1–12.2)
11-W	3/26	12.3	The Definite Integral 0, 2, 3, 4, 7, 8, 9, 16, 17, 19, 21, 25, 26, 29, 31, 32, 33, 37, 38, 40, 43, 47, 48, 49.
11-F	3/28	12.4	Area and Average Value 0, 1, 9, 11, 13, 14, 17, 18, 21, 24, 27, 30, 31, 33, 41, 42, 45, 47, 54, 56, 59, 65, 68, 70.

Day	Date	Sxn	Topic/Homework
12-M	3/31	-	Problems Day
12-T	4/1	-	<b>Quiz 8</b> (12.3, 12.4, Test II)
		13.1	Indefinite Integrals 0, 1, 3, 4, 9, 10, 15, 16, 18, 19, 22, 26, 29, 32, 36, 38, 44, 46, 52, 58, 59, 62, 69, 76.
12-W	4/2	13.2	The Fundamental Theorem of Calculus 0, 1, 2, 3, 5, 9, 10, 16, 17, 18, 19, 27, 28, 30, 31, 34, 35, 40, 42, 45, 47, 53, 54.
12-F	4/4	13.3	Functions Defined by Integrals 0, 1, 3, 4, 5, 9, 12, 13, 14, 15, 16, 17, 18, 19, 22, 26, 29, 33, 36, 37, 42, 45, 49, 58, 59.
13-M	4/7	-	Problems Day
13-T	4/8	-	<b>Quiz 9</b> (13.1, 13.2, 13.3)
		14.1	Integration by Substitution 0, 4, 6, 10, 13, 15, 16, 19, 21, 26, 29, 39, 40, 41, 48, 49, 54, 57, 65, 66, 68, 72, 77, 80.
13-W	4/9	14.2	Integration by Parts 0, 3, 9, 11, 12, 13, 18, 19, 24, 25, 26, 27, 28, 34, 35, 42, 45, 48, 49, 55, 58, 62, 63, 68.
13-F	4/11	14.3	Trigonometric Integrals 0, 4, 8, 11, 14, 17, 19, 20, 21, 24, 27, 30, 31, 34, 35, 41, 46, 51, 52, 53, 55, 57, 62.
14-M	4/14	-	Problems Day
14-T	4/15	-	<b>Quiz 10</b> (14.1, 14.2, 14.3)
		14.4	Trigonometric Substitution 0, 2, 4, 15, 18, 22, 27, 29, 31, 35, 36, 37, 38, 39, 43, 47, 49, 53, 55, 68, 72, 75, 81.
14-W	4/16	-	Catch-up Day
14-F	4/18	15.1	Arc Length 0, 1, 2, 3, 6, 7, 8, 10, 12, 16, 19, 21, 24, 25, 31, 37, 40, 44, 45, 47, 51, 53, 55.
15-M	4/21	-	Review for Test III
15-T	4/22	-	<b>TEST III</b> (12.3–15.1)
15-W	4/23	15.2	Volumes by Slicing 0, 5, 6, 8, 10, 13, 14, 18, 23, 25, 27, 28, 30, 31, 33, 35, 37, 39, 41, 44, 48, 50, 56.
15-F	4/25	15.3	Volumes by Shells 0, 3, 4, 5, 6, 8, 13, 14, 16, 19, 24, 27, 31, 35, 40, 41, 42, 45, 46, 47, 48, 51, 52, 54.
16-M	4/28	-	Problems Day
16-T	4/29	-	<b>Quiz 11</b> (15.2, 15.3, Test III)
		15.4	Practical Applications 0, 1, 2, 3, 5, 7, 8, 9, 11, 12, 15, 16, 17, 19, 23, 26, 28, 30, 32, 33.
16-W	4/30	-	Surprise Lecture
16-F	5/2	-	Last Day (mandatory attendance)

**Final Exam:** Wednesday, May 7, 10:30–12:30