

Day	Date	Sxn	Topic/Homework
1-M	8/26	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-W	8/28	7.2	The Product Rule and the Chain Rule 0, 6, 9, 11, 13, 15, 20, 22, 23, 28, 35, 38, 40, 43, 48, 54, 56, 61, 66, 70, 72, 79, 85, 90.
1-R	8/29	<i>Diagnostic Quiz</i>	
		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	8/30	7.4	Related Rates 0, 3, 4, 6, 7, 8, 9, 10, 12, 13, 18, 19, 20, 21, 23, 24, 25, 28.
2-M	9/2	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-W	9/4	-	Problems Day
2-R	9/5	-	<i>Quiz 1</i> (7.1, 7.2, 7.3, 7.4, 7.5)
		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.
2-F	9/6	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-M	9/9	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-W	9/11	-	Problems Day
3-R	9/12	-	<i>Quiz 2</i> (8.1, 8.2, 8.3)
		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.
3-F	9/13	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-M	9/16	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-W	9/18	-	Problems Day
4-R	9/19	-	<i>Quiz 3</i> (8.4, 8.5, 8.6)
		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.
4-F	9/20	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-M	9/23	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.
5-W	9/25	-	Review for Test I
5-R	9/26	-	<i>TEST I</i> (7.1–9.2)
5-F	9/27	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.

Day	Date	Sxn	Topic/Homework
6-M	9/30	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.
6-W	10/2	-	Problems Day
6-R	10/3	-	<b>Quiz 4</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.
6-F	10/4	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-M	10/7	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.
7-W	10/9	-	Problems Day
7-R	10/10	-	<b>Quiz 5</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.
7-F	10/11	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-M	10/14	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.
8-W	10/16	-	Problems Day
8-R	10/17	-	<b>Quiz 6</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.
8-F	10/18	-	<b>Fall Break</b>
9-M	10/21	12.1	Geometric Approximation and Sigma Notation 0, 1, 6, 7, 10, 15, 20, 21, 23, 24, 25, 28, 33, 35, 37, 40, 42, 43, 45, 48, 50, 53, 57, 59.
9-W	10/23	-	Review for Test II
9-R	10/24	-	<b>TEST II</b> (9.3–12.1)
9-F	10/25	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.
10-M	10/28	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.
10-W	10/30	-	Problems Day
10-R	10/31	-	<b>Quiz 7</b> (12.2, 12.3)
		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.
10-F	11/1	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.

Day	Date	Sxn	Topic/Homework
11-M	11/4	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.
11-W	11/6	-	Problems Day
11-R	11/7	-	<b>Quiz 8</b> (12.4, 13.1, 13.2)
		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.
11-F	11/8	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.
12-M	11/11	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.
12-W	11/13	-	Problems Day
12-R	11/14	-	<b>Quiz 9</b> (13.3, 14.1, 14.2)
		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.
12-F	11/15	14.4	Trigonometric Substitution 0, 2, 4, 15, 18, 22, 27, 29, 31, 35, 36, 37, 38, 39, 43, 47, 49, 55, 53, 68, 72, 75, 81.
13-M	11/18	-	Integration Review Do all problems on handout.
13-W	11/20	-	Review for Test III
13-R	11/21	-	<b>TEST III</b> (12.2–14.4)
13-F	11/22	15.1	Arc Length 0, 0, 1, 2, 3, 6, 7, 8, 10, 12, 16, 19, 21, 24, 25, 31, 37, 40, 44, 45, 47, 51, 53, 55.
14-M	11/25	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.
14-W	11/27	-	<b>Thanksgiving Break</b>
14-R	11/28	-	<b>Thanksgiving Break</b>
14-F	11/29	-	<b>Thanksgiving Break</b>
15-M	12/2	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.
15-W	12/4	15.4	Practical Applications 0, 1, 2, 3, 5, 7, 8, 9, 11, 12, 15, 16, 17, 19, 23, 26, 28, 30, 32, 33.
15-R	12/5	-	<b>Quiz 10</b> (15.1, 15.2, 15.3, 15.4)
		-	Problems Day
15-F	12/6	-	Last Day (mandatory attendance)

**Final Exam:** Tuesday, December 10, 4:00–6:00 p.m.