

Day	Date	Sxn	Topic/Homework
1-M	1/13	0.1	Numbers and Sets 0, 3, 5, 7, 16, 24, 30, 33, 37, 42, 45, 50, 53, 56, 60, 67, 68, 74, 83, 89, 92.
1-T	1/14	-	Diagnostic Quiz
		0.2	Equations 0, 11, 12, 14, 17, 19, 20, 25, 33, 37, 40, 45, 49, 51, 56, 63, 66, 70, 75, 81, 83.
1-W	1/15	0.3	Inequalities 0, 1, 5, 7, 10, 13, 16, 18, 19, 24, 33, 35, 39, 40, 46, 53, 60, 61, 68, 72, 79.
1-F	1/17	-	No class (I'll be out of town)
2-M	1/20	-	Martin Luther King Day
2-T	1/21	-	Quiz 1 (0.1, 0.2, 0.3)
		0.4	Logic 0, 2, 4, 6, 16, 17, 18, 27, 30, 33, 51, 62, 63, 64, 66, 69, 73, 74, 76, 81, 85, 87, 90.
2-W	1/22	0.5	Proofs 0, 2, 5, 7, 9, 13, 16, 19, 22, 23, 24, 26, 29, 31, 35, 46, 48, 49.
2-F	1/24	1.1	What is a Function? 0, 1, 3, 5, 7, 12, 16, 21, 22, 23, 24, 25, 27, 29, 30, 31, 33, 35, 36, 40.
3-M	1/27	-	Problems Day
3-T	1/28	-	Quiz 2 (0.4, 0.5, 1.1)
		1.2	Graphs of Functions 0, 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 17, 19, 25, 26, 28, 31, 33, 35, 38.
3-W	1/29	1.3	Linear Functions 0, 1, 3, 4, 8, 10, 11, 12, 13, 17, 19, 23, 24, 28, 30, 31, 37, 38, 39, 41, 44, 46.
3-F	1/31	1.4	A Basic Library of Functions 0, 2, 6, 7, 8, 12, 14, 16, 20, 22, 24, 27, 29, 30, 32, 34, 40, 42, 44, 46, 48, 49, 50, 51.
4-M	2/3	-	Problems Day
4-T	2/4	-	Quiz 3 (1.2, 1.3, 1.4)
		1.5	Combinations of Functions 0, 7, 8, 10, 14, 21, 32, 36, 38, 39, 41, 43, 55, 68, 75, 81, 87, 90, 98, 103, 109, 111, 112.
4-W	2/5	1.6	Transformations and Symmetry 0, 4, 6, 12, 14, 15, 19, 31, 33, 34, 35, 43, 48, 57, 60, 62, 68, 73, 74, 75, 77, 79, 80.
4-F	2/7	1.7	Inverse Functions 0, 1, 4, 6, 7, 8, 10, 14, 16, 18, 22, 24, 26, 29, 32, 33, 34, 38, 42, 43, 46.
5-M	2/10	-	Review for Test I
5-T	2/11	-	TEST I (0.1–1.7)
5-W	2/12	2.1	Intuitive Notion of Limit 0, 3, 6, 9, 12, 13, 14, 15, 16, 17, 18, 20, 22, 23, 24, 27, 29, 32, 36.
5-F	2/14	2.2	Formal Definition of Limit 0, 1, 2, 3, 7, 9, 14, 15, 17, 20, 21, 24, 30, 33, 38, 40, 52, 53, 56, 57, 59.

Day	Date	Sxn	Topic/Homework
6-M	2/17	-	Quiz 4 (2.1, 2.2, Test I) - Problems Day
6-T	2/18	-	Assessment Day
6-W	2/19	2.3	Delta-Epsilon Proofs 0, 1, 2, 3, 5, 9, 11, 15, 16, 20, 24, 26, 28, 29, 31, 33, 38.
6-F	2/21	2.4	Limit Rules 0, 4, 10, 13, 14, 16, 19, 22, 31, 33, 35, 37, 38, 40, 41, 42, 43, 47, 50, 51, 53, 56.
7-M	2/24	-	Problems Day
7-T	2/25	-	Quiz 5 (2.3, 2.4) 2.5 Calculating Limits 0, 1, 2, 3, 6, 7, 8, 9, 11, 13, 14, 18, 21, 24, 25, 30, 36, 38, 40, 41, 43, 45.
7-W	2/26	2.6	Continuity 0, 3, 4, 6, 8, 9, 13, 15, 22, 25, 27, 28, 32, 37, 38, 39, 42, 43, 47, 48, 52, 54, 57, 58, 63.
7-F	2/28	2.7	Two Theorems about Continuous Functions 0, 2, 3, 6, 8, 9, 14, 15, 16, 17, 18, 19, 24, 26, 27, 33, 35, 37, 38, 44, 50, 52, 56, 61, 63.
8-M	3/3	-	Problems Day
8-T	3/4	-	Quiz 6 (2.5, 2.6, 2.7) 3.1 Tangent Lines and the Derivative at a Point 0, 8, 11, 12, 16, 17, 23, 29, 35, 40, 43, 47, 51, 55, 60, 64, 69, 72, 75, 77, 83, 87, 92, 94.
8-W	3/5	3.2	The Derivative as an Instantaneous Rate of Change 0, 5, 6, 7, 8, 9, 10, 11, 12, 19, 20, 22, 28, 31, 32, 33, 34, 35.
8-F	3/7	3.3	Differentiability 0, 2, 3, 5, 6, 7, 8, 11, 13, 14, 17, 21, 23, 24, 26, 30, 33, 34, 35, 36.
9-M	3/10	-	Spring Break
9-T	3/11	-	Spring Break
9-W	3/12	-	Spring Break
9-F	3/13	-	Spring Break
10-M	3/17	-	Problems Day
10-T	3/18	-	Quiz 7 (3.1, 3.2, 3.3) 3.4 The Derivative as a Function 0, 2, 5, 8, 12, 13, 15, 22, 27, 31, 34, 37, 40, 46, 49, 52, 54, 58, 62, 63, 64, 68, 69, 70.
10-W	3/19	3.5	Basic Differentiation Rules 0, 5, 10, 17, 18, 22, 23, 25, 29, 33, 39, 40, 46, 48, 53, 58, 62, 65, 68, 71, 73, 74, 79, 80.
10-F	3/21	3.6	Three Theorems about Tangent Lines 0, 4, 7, 11, 16, 18, 21, 24, 27, 28, 30, 34, 39, 41, 44, 47, 50, 54, 57, 58, 63, 65, 67, 78.
11-M	3/24	-	Review for Test II
11-T	3/25	-	TEST II (2.1–3.6)
11-W	3/26	3.7	The First Derivative and Function Behavior 0, 1, 7, 9, 11, 14, 17, 19, 20, 21, 24, 27, 28, 30, 33, 35, 40, 42, 44, 46.
11-F	3/28	3.8	The Second Derivative and Function Behavior 0, 2, 5, 11, 14, 18, 21, 25, 30, 34, 39, 42, 44, 47, 48, 54, 58, 59, 65, 66, 70, 72, 73, 76.

Day	Date	Sxn	Topic/Homework
12-M	3/31	-	Problems Day
12-T	4/1	-	Quiz 8 (3.7, 3.8, Test II)
		4.1	The Algebra of Power Functions 0, 7, 13, 19, 22, 32, 34, 39, 43, 48, 51, 56, 58, 62, 64, 65, 69, 73, 84, 86, 88, 91, 93, 97.
12-W	4/2	4.2	Limits of Power Functions 0, 2, 4, 8, 11, 15, 18, 20, 24, 25, 26, 29, 36, 43, 49, 52, 54, 57, 59, 60, 62, 65.
12-F	4/4	4.3	Derivatives of Power Functions 0, 1, 3, 4, 7, 11, 13, 14, 15, 20, 21, 23, 24, 32, 38, 43, 47, 49, 52, 59, 63, 65, 71, 74, 76.
13-M	4/7	4.4	Graphs of Power Functions with Integer Powers 0, 3, 4, 8, 9, 11, 14, 16, 18, 19, 24, 30, 32, 36, 37, 40, 43, 45, 48, 50, 61, 67, 71.
13-T	4/8	-	Quiz 9 (4.1, 4.2, 4.3, 4.4)
		4.5	Graphs of Power Functions with Rational Powers 0, 2, 5, 10, 11, 12, 14, 20, 26, 31, 34, 40, 43, 47, 48, 52, 54, 57, 59, 60, 64, 67, 72.
13-W	4/9	5.1	The Algebra of Polynomial Functions 0, 8, 10, 11, 21, 23, 28, 33, 42, 43, 46, 47, 52, 53, 59, 65, 71, 75, 78, 81, 84, 90, 95, 98.
13-F	4/11	5.2	Limits and Derivatives of Polynomial Functions 0, 2, 6, 10, 14, 15, 16, 18, 20, 24, 25, 31, 35, 41, 43, 50, 51, 55, 58, 66, 68, 70.
14-M	4/14	-	Problems Day
14-T	4/15	-	Quiz 10 (4.4, 4.5, 5.1)
		5.3	Graphing Polynomial Functions 0, 1, 3, 8, 9, 12, 16, 19, 24, 27, 33, 34, 42, 46, 48, 49, 51, 53, 56, 60, 61, 63, 74.
14-W	4/16	5.4	Optimization with Polynomial Functions 0, 2, 6, 7, 9, 11, 14, 16, 19, 22, 25, 28, 29, 31, 32, 34, 35, 38.
14-F	4/18	-	Catch-up day
15-M	4/21	-	Review for Test III
15-T	4/22	-	TEST III (3.7–5.4)
15-W	4/23	6.1	The Algebra of Rational Functions 0, , 4, 10, 14, 15, 17, 20, 21, 23, 28, 29, 31, 34, 35, 42, 43, 47, 52, 55, 57.
15-F	4/25	6.2	Limits and Asymptotes of Rational Functions 0, 4, 6, 12, 13, 14, 15, 19, 24, 25, 30, 36, 37, 38, 41, 42, 43, 46, 52, 56, 58.
16-M	4/28	6.3	Derivatives of Rational Functions 0, 1, 2, 4, 5, 6, 7, 11, 12, 20, 21, 26, 30, 32, 39, 41, 42, 50, 52.
16-T	4/29	-	Quiz 11 (6.1, 6.2, 6.3, Test III)
		6.4	Graphs of Rational Functions 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 18, 19, 25, 26, 27, 33, 34, 35, 37, 39.
16-W	4/30	-	Problems Day
16-F	5/2	-	Last Day (mandatory attendance)

Final Exam: Monday, May 5, 10:30–12:30