

ReadingHW Schedule

Class	Day	Section	Title	HW Problems	Due Date
1	08/15		Class Introduction/Discussion		
2	08/16	1.1	A Brief Preview of Calculus	1, 6, 7, 10, 12, 13	08/18
2	08/17	1.2	The Concept of a Limit	1-10 all, 15, 22, 23-26 all	08/19
3	08/18	1.3	Computation of Limits	1, 5, 8, 11, 13, 16, 19, 21-24 all, 25, 38, 40, 41	08/23
4	08/19		Problem Solving		
5	08/22	1.4	Continuity and its Consequences	1-14 all, 15, 20, 21-26 all, 35-39 all, 41, 42	08/24
6	08/23		Problem Solving		
7	08/24	1.5	Limits Involving Infinity; Asymptotes	1-20 all, 23, 25, 27, 29, 31, 37, 39	08/26
8	08/25	1.6	Formal Definition of the Limit	none	
9	08/26		Review		
10	08/29		Chapter 1 Exam		
11	08/30	2.1	Tangent Lines and Velocity	1-8 all, 13, 14, 15, 18, 23, 26, 27-30 all, 37, 38	09/01
12	08/31	2.2	The Derivative	1-18 all, 19, 21, 28, 29	09/02
13	09/01	2.3	Computation of the Derivative: The Power Rule	1-14 all, 15, 19, 21, 23, 27 29, 31, 32, 33, 35, 39	09/06
14	09/02		Problem Solving		
15	09/06	2.4	The Product and Quotient Rules	1-16 all, 17, 20, 23, 33, 34, 35, 36	09/08
16	09/07	2.5	The Chain Rule	1-20 all, 21, 29, 31-34 all, 35	09/09
17	09/08		Problem Solving		
18	09/09	2.6	Derivatives of Trigonometric Functions	1-22 all, 33, 34, 35, 36	09/13
19	09/12		Problem Solving		
20	09/13	2.7	Implicit Differentiation	1-16 all, 17, 21, 29, 35, 37	09/15
21	09/14	2.8	The Mean Value Theorem	1-14 all, 15, 22, 24, 26, 29, 33	09/15
22	09/15		Review		
23	09/16		Chapter 2 Exam		
24	09/19	3.1	Linear Approximation and Newton's Method	1, 3, 6, 7, 8, 13, 16, 18, 21, 23, 27, 39, 40, 42	09/21
25	09/20	3.2	Maximum and Minimum values	1-6 all, 7, 12, 16, 21, 22, 24, 27, 29, 30, 35-38 all	09/23
26	09/21		Problem Solving		
27	09/22		Problem Solving		
28	09/23	3.3	Increasing and Decreasing Functions	1, 4, 7, 8, 9, 11, 13, 16, 17-22 all, 27, 29 ,31	09/27
29	09/26	3.4	Concavity and the Second Derivative Test	1-22 all, 35, 36, 38	09/28
30	09/27	3.5	Overview of Curve Sketching	1-20 all, 33, 38, 39, 42, 44, 45, 47	09/30
31	09/28		Problem Solving		
32	09/29		Problem Solving		
33	09/30	3.6	Optimization	2, 4, 5, 6, 9, 11, 19, 21, 25, 35	10/04
33	10/03	3.7	Related Rates	1-9 all, 19, 27, 24	10/04
34	10/04		Problem Solving		
35	10/06		Review		
36	10/07		Review		
37	10/10		Chapter 3 Exam		
38	10/11	4.1	Antiderivatives	5-28 all, 29, 31, 33, 35, 37, 43, 47-52 all	10/13
39	10/12	4.2	Sums and Sigma Notation	5-8 all, 9, 13, 17, 19, 21 ,23-26 all	10/14
40	10/13	4.3	Area	1-4 all, 5, 9, 10, 11-14 all, 19-22 all, 27	10/17
41	10/14	4.4	The Definite Integral	1, 3, 5, 7, 9, 13, 23, 24, 25, 27, 29, 31, 33, 35-38 all	10/18
42	10/17		Problem Solving		
43	10/18	4.5	The Fundamental Theorem of Calculus	1-18 all, 19, 21, 23, 25-32 all, 39, 41, 53, 54	10/24
44	10/19		Problem Solving		
45	10/24	4.6	Integration by Substitution	1-4 all, 5-28 all, 29, 31, 35, 42, 43, 45, 46, 47, 50	10/26
46	10/25	4.7	Numerical Integration	none	

ReadingHW Schedule

47	10/26		Review		
48	10/27		Chapter 4 Exam		
49	10/28		Assessment Testing		
50	10/31	5.1	Area Between Curves	1-12 all, 17-22 all, 33, 34	11/02
51	11/01	5.2	Volume Slicing, Disks, and Washers	1-4 all, 5, 6, 7, 17-20 all, 25, 26, 31	11/03
52	11/02		Problem Solving		
53	11/03	5.3	Volumes by Cylindrical Shells	1-16 all, 17, 21, 23, 27, 29	11/07
54	11/04	5.4	Arc Length and Surface Area	1-10 all	11/09
55	11/07		Problem Solving		
56	11/08		No Class		
57	11/09	5.5	Projectile Motion	1-4 all, 5, 7, 9-12 all, 17, 18	11/10
58	11/10		Review		
59	11/11		Review		
60	11/14		Chapter 5 Exam		
61	11/15	6.1	The Natural Logarithm	1-4 all, 7 - 30 odd, 21, 33, 35, 37-40 all, 41-48 all	11/17
62	11/16	6.2	Inverse Functions	1-4 all, 7, 11, 13, 15, 18, 19, 21, 23	11/18
63	11/17	6.3	The Exponential Function	1-8 all, 9-24 odd, 27, 29, 31-34 all, 37-46 all	11/21
64	11/18	6.4	The Inverse Trigonometric Functions	1, 3, 5, 7-18 all, 19, 21, 25-32 all	11/22
65	11/21		Problem Solving		
66	11/22	6.5	The Calculus of the Inverse Trigonometric Functions	1-26 odd, 27, 28, 29, 30	11/29
67	11/28	6.6	The Hyperbolic Functions	1-22 odd, 23, 26, 27, 28, 30, 32, 33, 34, 37	11/29
68	11/29		Review		
69	11/30		Chapter 6 Exam		
70	12/01		Review		
71	12/02		Review		
72	12/05		Final Exam 11:00-13:00		