

ReadingHW_Schedule

Class	Day	Section	Title	HW Problems	Due Date
1	08/21		Class Introduction/Discussion		
2	08/22	1.1	A Brief Preview of Calculus	1, 6, 7, 10, 12, 13	08/25
2	08/23	1.2	The Concept of a Limit	1-10 all, 15, 22, 23-26 all	08/28
3	08/24		The Concept of a Limit (continued...)		
4	08/25	1.3	Computation of Limits	1, 5, 8, 11, 13, 16, 19, 21-24 all, 25, 38, 40, 41	08/29
5	08/28	1.4	Continuity and its Consequences	1-14 all, 15, 20, 21-26 all, 35-39 all, 41, 42	09/01
6	08/29		Continuity and its Consequences (continued...)		
7	08/30		Continuity and its Consequences (continued...)		
8	08/31	1.5	Limits Involving Infinity; Asymptotes	1-20 all, 23, 25, 27, 29, 31, 37, 39	09/06
9	09/01		Limits Involving Infinity; Asymptotes (continued...)		
10	09/05	1.6	Formal Definition of the Limit	none	
11	09/06		Review		
12	09/07		Chapter 1 Exam		
13	09/08	2.1	Tangent Lines and Velocity	1-8 all, 13, 14, 15, 18, 23, 26, 27-30 all, 37, 38	09/13
14	09/11		Tangent Lines and Velocity (continued...)		
		2.2	The Derivative	1-18 all, 19, 21, 28, 29	09/15
		2.3	Computation of the Derivative: The Power Rule	1-14 all, 15, 19, 21, 23, 27 29, 31, 32, 33, 35, 39	09/15
15	09/12		Computation of the Derivative: The Power Rule (cont...)		
16	09/13	2.4	The Product and Quotient Rules	1-16 all, 17, 20, 23, 33, 34, 35, 36	09/18
17	09/14		The Product and Quotient Rules (cont...)		
18	09/15		Review		
19	09/18	2.5	The Chain Rule	1-20 all, 21, 29, 31-34 all, 35	09/21
20	09/19	2.6	Derivatives of Trigonometric Functions	1-22 all, 33, 34, 35, 36	09/22
21	09/20		Review		
22	09/21		Review		
23	09/22	2.7	Implicit Differentiation	1-16 all, 17, 21, 29, 35, 37	09/26
24	09/25		Implicit Differentiation (cont....)		
25	09/26	2.8	The Mean Value Theorem	1-14 all, 15, 22, 24, 26, 29, 33	
26	09/27		Review		
27	09/28		Review		
28	09/29		Chapter 2 Exam		
29	10/02	3.1	Linear Approximation and Newton's Method	1, 3, 6, 7, 8, 13, 16, 18, 21, 23, 27, 39, 40, 42	10/06
30	10/03		Linear Approximation and Newton's Method (cont...)		
31	10/05	3.2	Maximum and Minimum values	1-6 all, 7, 12, 16, 21, 22, 24, 27, 29, 30, 35-38 all	10/09
32	10/06	3.3	Increasing and Decreasing Functions	1, 4, 7, 8, 9, 11, 13, 16, 17-22 all, 27, 29 ,31	10/11
33	10/09	3.4	Concavity and the Second Derivative Test	1-22 all, 35, 36, 38	10/12
33	10/10		Concavity and the Second Derivative Test (cont...)		
34	10/11	3.5	Overview of Curve Sketching	1-20 all, 33, 38, 39, 42, 44, 45, 47	10/16
35	10/12		Overview of Curve Sketching (cont...)		
36	10/13	3.6	Optimization	2, 4, 5, 6, 9, 11, 19, 21, 25, 35	
37	10/16	3.7	Related Rates	1-9 all, 19, 27, 24	
38	10/17		Review		
39	10/18		Review		
40	10/23		Chapter 3 Exam		
41	10/24		Standardized testing day!		
42	10/25	4.1	Antiderivatives	5-28 all, 29, 31, 33, 35, 37, 43, 47-52 all	11/02
43	10/26	4.2	Sums and Sigma Notation	5-8 all, 9, 13, 17, 19, 21 ,23-26 all	11/02
44	10/27	4.3	Area	1-4 all, 5, 9, 10, 11-14 all, 19-22 all, 27	11/02

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45	10/30		Area (cont...)		
46	10/31	4.4	The Definite Integral	1, 3, 5, 7, 9, 13, 23, 24, 25, 27, 29, 31, 33, 35-38 all	11/03
47	11/01	4.5	The Fundamental Theorem of Calculus	1-18 all, 19, 21, 23, 25-32 all, 39, 41, 53, 54	11/06
48	11/02		The Fundamental Theorem of Calculus (cont...)		
49	11/03		Review		
50	11/06	4.6	Integration by Substitution	1-4 all, 5-28 all, 29, 31, 35, 42, 43, 45, 46, 47, 50	11/09
51	11/07		Integration by Substitution (cont...)		
52	11/08		Review		
53	11/09		Review		
54	11/10		Review		
55	11/13		Chapter 4 Exam		
56	11/14	5.1	Area Between Curves	1-12 all, 17-22 all, 33, 34	11/20
57	11/15		Area Between Curves (cont...)		
58	11/16	5.2	Volume Slicing, Disks, and Washers	1-4 all, 5, 6, 7, 17-20 all, 25, 26, 31	11/21
59	11/17		Volume Slicing, Disks, and Washers (cont...)		
60	11/20	5.3	Volumes by Cylindrical Shells	1-16 all, 17, 21, 23, 27, 29	11/29
61	11/21		Volumes by Cylindrical Shells (cont...)		
62	11/27		No Class		
63	11/28	5.4	Arc Length and Surface Area	1-10 all	12/01
64	11/29		Arc Length and Surface Area (cont...)		
65	11/30		Review		
66	12/01		Review		
67	12/04		Chapter 5 Exam		
68	12/05		Review		
69	12/06		Review		
70	12/07		Review		
71	12/08		Review		
72	12/11		Final Exam 11:00-13:00		