

Lecture Date	Section	Read this section before class	Paper Assignment	Section	Assigned Paper Exercises	Paper Due Date	Online Assignment	Online Due Date
31-Aug	1.1	Four Ways to Represent a Function	HW 1	1.1	25, 31, 40, 43, 55, 56, 64, 65	3-Sep	1.1	2-Sep
31-Aug	1.2	Mathematical Models		1.2	4, 5, 7, 9, 12; Appdx D: 24, 37*, 46 (* means uses simple calculator)	3-Sep	1.2	2-Sep
2-Sep	1.3	New Functions from Old Functions	HW 2	1.3	1, 7, 13, 17, 22, 39, 46, 60, 65	8-Sep	1.3	4-Sep
2-Sep	1.5	Exponential Functions		1.5	11, 15, 18, 19, 21, 25, 29	8-Sep	1.5	4-Sep
4-Sep	1.6	Inverse Functions and Logarithms	HW 3	1.6	12, 16, 18, 19, 23, 35, 45, 48, 54, 60, 67, 71, 73	10-Sep	1.6	9-Sep
9-Sep	2.1/2.2	Tangent & Velocity/Limit of a Function	HW 4	2.1/2.2	p. 87: 4*, 5*; pp. 97-98: 6, 7, 9, 16, 27, 32, 34a, 40	15-Sep	2.2	11-Sep
11-Sep	2.4	The Precise Definition of a Limit	HW 7	2.4	2, 14, 15, 16, 19, 20, 23, 24	17-Sep	2.4	14-Sep
14-Sep	2.3	Calculating Limits	HW 5	2.3	10, 15, 19, 20, 21, 22, 28, 29	17-Sep	2.3	16-Sep
16-Sep	2.3	Calculating Limits (cont.)	HW 6	2.3	36, 37, 38, 39, 42, 55, 56, 58	17-Sep	2.3b	18-Sep
18-Sep	2.5	Continuity	HW 8	2.5	4, 6, 15, 18, 22, 23, 43ab, 58	24-Sep	2.5	21-Sep
21-Sep	2.5	Continuity (cont.)	HW 9	2.5	28, 31, 32, 36, 37, 39, 41, 45, 47, 49, 65	24-Sep	2.5b	23-Sep
23-Sep	Rev	Chapter 1 and 2 Review	HW 10	Rev	pp 74-75: 10, 13, 19, 22, 23, 25, 27; p 166 (T/F): 1, 5, 8, 12, 20; pp 167-168: 1acd, 5, 9, 10, 12, 24, 25, 29, 34	29-Sep	None	None
		Exam 1			Thurs. Sep 24 - Sat. Sep 26 (Mon Sep 28 late day)			
25-Sep	2.6	Limits at Infinity and Asymptotes	HW 11	2.6	4, 5, 7, 13, 23, 24, 33, 43, 48	1-Oct	2.6	28-Sep
28-Sep	2.7	Derivatives and Rate of Change	HW 12	2.7	5, 9, 19, 20, 43, 44, 46	1-Oct	2.7	30-Sep
30-Sep	2.8	The Derivative as a Function	HW 13	2.8	1, 3, 5, 6, 7, 9, 11, 19, 20, 25, 35, 36, 37, 38, 44, And: prove if f diff at a, then f cont at a	6-Oct	2.8	2-Oct
2-Oct	3.1	Deriv. of Polys and Exponentials	HW 14	3.1	2, 13, 17, 20, 25, 28, 29, 33, 55, 61, 77	8-Oct	3.1	5-Oct
5-Oct	3.2	The Product and Quotient Rules	HW 15	3.2	2, 11, 13, 23, 24, 32, 33, 47, 49, 55, 57(induction optional)	8-Oct	3.2	7-Oct
7-Oct	3.3	Derivatives of Trig. Functions	HW 16	3.3	9, 10, 18, 20, 35, 42, 45, 49	13-Oct	3.3	9-Oct
9-Oct	3.4	The Chain Rule	HW 17	3.4	7, 24, 25, 31, 37, 47, 63, 65, 71, 84, 89	15-Oct	3.4	12-Oct
12-Oct	3.5	Implicit Differentiation	HW 18	3.5	3, 11, 12, 15, 18, 21, 23, 34, 41, 43, 57, 67	15-Oct	3.5	14-Oct
14-Oct	3.6	Derivatives of Log Functions	HW 19	3.6	15, 17, 24, 27, 33, 39, 44, 48, 51, 54	20-Oct	3.6	16-Oct
16-Oct	Rev	Chapter 2 and 3 Review	HW 20	Rev	pp 167-168: 13, 18, 40, 43, 45ab, 47; p 261 (T/F): 6, 7, 8, 10, 11; pp 262-263: 6, 11, 21, 27, 28, 60, 70, 56	20-Oct	None	None
		Exam 2			Fri. Oct 16 - Mon Oct 19 (Tues Oct 20 late day)			
19-Oct	3.8	Exponential Growth and Decay	HW 21	3.8	14, 15	22-Oct	3.8	21-Oct
21-Oct	3.9	Related Rates	HW 22	3.9	5, 22, 33, 35, 37, 42	27-Oct	3.9	23-Oct
23-Oct	3.10/3.11	Linear Approx./Basic Hyperbolic Fncns	HW 23	3.10/3.11	p. 252: 1, 2, 3, 5, 23, 28, 43, 44; pp. 259-260: 3, 7, 9, 15, 23, 29a, 33	29-Oct	3.10/3.11	26-Oct
26-Oct	4.1	Maximum and Minimum Values	HW 24	4.1	3, 7, 9, 10, 11, 13, 35, 40, 57, 60, 74, 76, 77	29-Oct	4.1	28-Oct
28-Oct	4.2	The Mean Value Theorem	HW 25	4.2	7, 15, 17, 28, 29, 30, 35	3-Nov	4.2	30-Oct
30-Oct	4.3	Shape of a Graph	HW 26	4.3	1, 6, 7, 21, 23, 25, 28, 31, 72	5-Nov	4.3	2-Nov
2-Nov	4.4	Indet. Forms - L'Hospital's Rule	HW 27	4.4	4, 7, 15, 31, 33, 39, 47, 57, 70, 71, 81	5-Nov	4.4	4-Nov
4-Nov	4.5	Curve Sketching	HW 28	4.5	5, 12, 32, 47, 49	10-Nov	4.5	6-Nov
6-Nov	4.7	Optimization Problems	HW 29	4.7	7, 14, 31, 35, 41, 47, 66	12-Nov	4.7	11-Nov
9-Nov	4.8	Newton's Method	HW 30	4.8	1, 2, 3, 4, 29	12-Nov	4.8	13-Nov
11-Nov	4.9	Antiderivatives	HW 31	4.9	12, 15, 20, 27, 33, 49, 51, 53, 67, 69, 74	17-Nov	4.9	13-Nov
13-Nov	Rev	Chapter 3 and 4 Review	HW 32	Rev	pp. 262-263: 45, 94, 99, 103a; pp. 347-348 (T/F): 1, 6, 10, 13; pp. 348-350: 5, 11, 14, 15, 18, 25, 47, 52, 53, 61, 66, 70	17-Nov	None	None
		Exam 3			Fri. Nov 13 - Mon. Nov 16 (Tues Nov 17 late day)			
16-Nov	Appdx E	Sigma Notation	HW 33	Appdx E	1, 3, 5, 10, 11, 15, 17, 20, 23, 30, 35, 41, 43	19-Nov	Appdx E	18-Nov
18-Nov	5.1	Areas & Distance/The Definite Integral	HW 34	5.1/5.2	pp. 364-365: 1a, 12, 18, 21, 26; p. 376: 5ab, 17, 29, 30, 70	24-Nov	5.1/5.2	20-Nov
20-Nov	5.2	The Definite Integral (cont.)	HW 35	5.2	34, 37, 43, 47, 49, 50, 55, 63	1-Dec	5.2b	23-Nov
23-Nov	5.3/Rev	Fundamental Theorem of Calculus	HW 36	5.3	9, 15, 56, 57, 63, 64	1-Dec	5.3	25-Nov
24-Nov	5.3	Fund. Theorem of Calculus (cont.)	HW 37	5.3	22, 31, 36, 41, 43, 59, 65, 66, 74	3-Dec	5.3b	30-Nov
30-Nov	5.4	Indefinite Integrals and Net Change	HW 38	5.4	4, 9, 23, 32, 43, 49, 54, 59, 61, 65	3-Dec	5.4	2-Dec
2-Dec	5.5	The Substitution Rule	HW 39	5.5	5, 8, 9, 21, 25, 31, 38, 39	8-Dec	5.5	4-Dec
4-Dec	5.5	The Substitution Rule (cont.)	HW 40	5.5	45, 46, 53, 73, 83	10-Dec	5.5b	7-Dec
7-Dec	Rev	Chapter 5 Review	HW 41	Rev	p. 409 (T/F): 2, 4, 5, 6, 9, 13; p. 409-11: 2ab, 3, 5, 7, 11, 17, 23, 28, 29, 47, 48, 56, 70	10-Dec	None	None
9-Dec	Rev	Review for Final		Rev			None	None

15-Dec FINAL EXAM 7-10 pm

Location TBA