

MAT 4124--Advanced Placement Calculus AB 2
ASSIGNMENT SHEET SPRING 2025 (for 11th Edition)

DAY	SECTION	ASSIGNMENT	DATE ASSIGNED	DATE DUE
1	4.2 Part II	p. 267=14,15,18,23(multiply out first),24,28,33,34,38(by hand using $n=8$), 46ae (use TI program)	1/6/25	1/8/25
2	4.2 Part III	p. 267=9,10,17*,20*,25,26,47+,50+,51+,52+,72 *=expand 1^{st} +=work on \sum part & then take limit at the end	1/8/25	1/10/25
3	4.3 Part I	p. 277= 6,8,11,12,14,15,20,46,49,50,65,66,75	1/10/25	1/13/25
4	4.3 Part II	p. 277 = 9,18,23,26,31,33,34,37,41,44,45,47,53,54,67,68	1/13/25	1/15/25
5	4.4 Part I	p. 292 =5,6,11,16,20,30,34,37,38,39,53,58,62,106 & APC	1/15/25	1/17/25
6	4.4 Part II	p. 292=3,17,22,31(be clever),54,60,68,79,83,84 & APC	1/17/25	1/22/25
7	4.5	p. 305= 6,11,18,22,26,29,31,35,41,44,47,63,67,69, 71,74,76 & APC	1/22/25	1/24/25
8	8.6	p. 564= (Skip Simpson's Rule on all) 3*,12*,16*,19,36, 38a,41,44a * = Set-up by hand without p. 305= 46,66 & APC the calculator program	1/24/25	1/27/25
9		Practice Test -- AP Practice Problems	1/27/25	1/29/25
10		Review -- Finish preparation for Test 1 --do APC Review set	1/29/25	1/31/25
11		TEST #1		1/31/25
12	5.1	p.321= 9,10,11,14,23,32,39,45,49,53,64,69,81,82,87 & APC	2/5/25	2/7/25
13	5.2	p. 330=9, 16,19(needs long division),24,41,50,54,57, 61,62,67,68,77,94 & APC	2/7/25	2/10/25
14	5.3	p. 339= 7,38,47,55,64,68,71,87,88,89,90 & APC	2/10/25	2/12/25
15	5.4 Part I	p. 348= 3,14,19,20,21,25,26,33,45,51,56,59,63,64,76, 83(nDeriv) & APC	2/12/25	2/14/25
16	5.4 Part II	p. 348= 46,54,66,99,107,109,114,117,124 & APC	2/14/25	2/17/25
17	5.5 Part I	p. 358= 15,39,44,61,62,69,70,73,75,78,87,88 p. 348= 65,102 & APC	2/17/25	2/19/25
18	5.5 Part II	p. 358= 5,11,27,33,37,47,55 (simplify 1^{st} to make easier), 64,76,81,101(use nDeriv on (c) and (d)) & APC	2/19/25	2/21/25
19	5.7	p. 379=2,6,8,11,37,41,43,44,45,49,57,59,63,87,90 & APC	2/21/25	2/24/25
20	5.8	OMITTED -- SKIP		
21		Practice Test -- AP Practice Problems	2/24/25	2/26/25
22		Review -- Finish preparation for Test 2 --do APC Review set	2/26/25	2/28/25
23		TEST #2		2/28/25

DAY	SECTION	ASSIGNMENT	DATE ASSIGNED	DATE DUE
24	6.3	p. 429=9,10,19,22,30,35,36,38 & APC	3/10/25	3/12/25
25	6.1	p. 411= 3,57,58,59, 87,88 & APC Worksheet	3/12/25	3/14/25
26	6.2 Part I	p. 420=13,14,15,20,29,37,39,51,52 & APC	3/14/25	3/17/25
27	6.2 Part II	p. 420=16,19,30,38,42,60,65,66 & APC Worksheet	3/17/25	3/19/25
28	7.1	p.450=5,6,10,17,22,29,31,38,52,65 & APC	3/19/25	3/21/25
29	7.2 Part I	p.461=73,74abc p.511=26 Page AP7-2 (following p. 514) Multiple Choice #10 p.450=21,32 & APC	3/21/25	3/24/25
30	7.2 Part II	p.450=68,75,76,83,84,85 & APC Worksheet	3/24/25	3/26/25
31	7.2 Part III	p.461=2,5,7,9,12,14ab,27,35,37,50 & APC	3/26/25	3/28/25
32	7.2 Part IV	p.461=8,15,16,18,23,74d & APC	3/28/25	3/31/25
33		Practice Test -- AP Practice Problems	3/31/25	4/2/25
34		Review -- Finish preparation for Test 3 –do APC Review set	4/2/25	4/4/25
35		TEST #3		4/4/25
36	5.6	p. 369= 3,7,12,15,28,33,34,35,63,64,68,72,80,81 & APC	4/7/25	4/9/25
37	AP Review	Handout #1 & APC	4/9/25	4/11/25
38	AP Review	Handout #2 & APC	4/11/25	4/14/25
39	AP Review	Handout #3 & APC	4/14/25	4/16/25
40	AP Review	Handout #4 & APC	4/16/25	4/18/25
41	AP Review	Handout #5 & APC	4/18/25	4/23/25
42	AP Review	Handout #6 & APC	4/23/25	4/25/25
43	AP Review	Handout #7 & APC	4/25/25	4/28/25
44	AP Review	Handout #8 & APC	4/28/25	4/30/25
45	AP Review	Handout #9 & APC	4/30/25	5/2/25
		FINAL EXAM – comprehensive for both semesters	Week of 5/5	
		National Advanced Placement Exam	5/12/25 Monday	(a.m. session)