

MA 114 Fall 2022 Calendar

revised September 1, 2022

WEEK 1				
1	M	Aug. 22	Lecture 00: Review of Calculus I	Read syllabus
2	T	Aug. 23	Worksheet 00: Review of Calculus I	
3	W	Aug. 24	Lecture 01: Integration by Parts	
4	Th	Aug. 25	Worksheet 01: Integration by Parts	
5	F	Aug. 26	Lecture 02: Trig Substitution	Homework A1
WEEK 2				
6	M	Aug. 29	Lecture 03: Partial Fractions	
7	T	Aug. 30	Worksheet 02: Trig Integrals	Quiz 1: Integration by Parts
8	W	Aug. 31	Lecture 04: Partial Fractions	
9	Th	Sep. 1	Worksheet 03: Trig Substitution	
10	F	Sep. 2	Lecture 05: Numerical Integration	Homework A2
WEEK 3				
11	M	Sep. 5	Labor Day, No Class	
12	T	Sep. 6	Worksheet 04: Partial Fractions	
13	W	Sep. 7	Lecture 06: Numerical Integration	Homework A3
14	Th	Sep. 8	Worksheet 05: Numerical Integration	Quiz 2: Trig Substitution
15	F	Sep. 9	Lecture 07: Improper Integrals	Homework A4
WEEK 4				
16	M	Sep. 12	Lecture 08: Sequences	
17	T	Sep. 13	Worksheet 06: Numerical Integration	
18	W	Sep. 14	Lecture 09: Sequences	Homework A5
19	Th	Sep. 15	Worksheet 07: Sequences	Quiz 3: Partial Fractions
20	F	Sep. 16	Review for Exam 1	Homework A6

WEEK 5				
21	M	Sep. 19	Review for Exam 1	
22	T	Sep. 20	Worksheet 08: Review for Exam 1	Exam 1
23	W	Sep. 21	Lecture 10: Series	
24	Th	Sep. 22	Worksheet 09: Series	
25	F	Sep. 23	Lecture 11: Series	Homework B2
WEEK 6				
21	M	Sep. 26	Lecture 12: Integral Test	
22	T	Sep. 27	Worksheet 10: Series, Integral Test	
23	W	Sep. 28	Lesson 13: Comparison Tests	Homework B3
24	Th	Sep. 29	Worksheet 11: Comparison Tests	Quiz 4: Series
25	F	Sep. 30	Lecture 14: Alternating Series	Homework B4
WEEK 7				
26	M	Oct. 3	Lecture 15: Absolute Convergence	
27	T	Oct. 4	Worksheet 12: Alternating Series	
28	W	Oct. 5	Lecture 16: Ratio and Root Tests	Homework B5
29	Th	Oct. 6	Worksheet 13: Ratio and Root Tests	Quiz 5: Convergence Tests
30	F	Oct. 7	Lecture 17: Power Series	Homework B6
WEEK 8				
31	M	Oct. 10	Lecture 18: Power Series	
32	T	Oct. 11	Worksheet 14: Power Series	
33	W	Oct. 12	Lecture 19: Taylor Series	Homework B7
34	Th	Oct. 13	Worksheet 15: Taylor Series	Quiz 6: Ratio and Root Tests
35	F	Oct. 14	Review for Exam 2	Homework B8

WEEK 9				
36	M	Oct. 17	Review for Exam 2	
37	T	Oct. 18	Worksheet 16: Review for Exam 2	Exam 2
38	W	Oct. 19	Lecture 20: Average Value	
39	Th	Oct. 20	Worksheet 17: Average Value	
40	F	Oct. 21	Lecture 21: Volume by Cross-Section	Homework C1
WEEK 10				
41	M	Oct. 24	Fall Break, No Class	
42	T	Oct. 25	Fall Break, No Class	
43	W	Oct. 26	Lecture 22: Volume by Discs	
44	Th	Oct. 27	Worksheet 18: Volume I	Quiz 7: Volume by Cross-Section
45	F	Oct. 28	Lecture 23: Volume by Shells	Homework C2
WEEK 11				
46	M	Oct. 31	Lecture 24: Arc Length	
47	T	Nov. 1	Worksheet 19: Volume II	
48	W	Nov. 2	Lecture 25: Surface Area	Homework C3
49	Th	Nov. 3	Worksheet 20: Arch Length, Surface Area	
50	F	Nov. 4	Lecture 26: Center of Mass	Homework C4
WEEK 12				
51	M	Nov. 7	Lecture 27: Parametric Curves	
52	T	Nov. 8	Worksheet 21: Center of Mass	Quiz 8: Arc Length, Surface Area
53	W	Nov. 9	Lecture 28: Parametric Calculus	Homework C5
54	Th	Nov. 10	Worksheet 22: Parametric Calculus	Quiz 9: Center of Mass
55	F	Nov. 11	Review for Exam 3	Homework C7

WEEK 13				
56	M	Nov. 14	Review for Exam 3	
57	T	Nov. 15	Worksheet 23: Review for Exam 3	Exam 3
58	W	Nov. 16	Lecture 29: Polar Coordinates	
59	Th	Nov. 17	Worksheet 24: Polar Coordinates	
60	F	Nov. 18	Lecture 30: Calculus with Polar Coordinates	Homework D1
WEEK 14				
61	M	Nov. 21	Lecture 31: Conic Sections	
62	T	Nov. 22	Worksheet 25: Polar Coordinates	
63	W	Nov. 23	Thanksgiving, No Class	
64	Th	Nov. 24	Thanksgiving, No Class	
65	F	Nov. 25	Thanksgiving, No Class	
WEEK 15				
66	M	Nov. 28	Lecture 32: Conic Sections	Homework D2
67	T	Nov. 29	Worksheet 26: Conic Sections	
68	W	Nov. 30	Lecture 33: Differential Equations	Homework D3
69	Th	Dec. 1	Worksheet 27: Differential Equations	Quiz 10: Conic Sections
70	F	Dec. 2	Lecture 34: Differential Equations	Homework D4
WEEK 16				
71	M	Dec. 5	Lecture 35: Direction Fields	
72	T	Dec. 6	Worksheet 28: Direction Fields	
73	W	Dec. 7	Lecture 36: Separable Equations	Homework D5
74	Th	Dec. 8	No Class	
75	F	Dec. 9	No Class	

FINALS WEEK			
76	M	Dec. 12	
77	T	Dec. 13	Exam 4
78	W	Dec. 14	
79	Th	Dec. 15	
80	F	Dec. 16	

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