Math 141, Fall 2025, Nathan Reading

Course Schedule: This is the most up-to-date schedule for lecture topics and homework/quiz/test dates (revised August 13, 2025). This schedule (except for test dates) is subject to change as the course progresses. For your reference, the original schedule (posted on the first day of class) is available on the course website. Numbers such as "1.3" refer to sections in your text. Homework assignments are on the assignments page.

Lec#	Day	Date	Reading	Topic	HW/Quiz
1	M	Aug 18		Introduction	
2	W	Aug 20	0.3	Introduction (cont'd) & Functions	HW0/Quiz0
3	F	Aug 22	0.4	Parametric curves	
4	M	Aug 25	1.1	Limits (idea and definition)	
5	W	Aug 27	1.2	Limits (properties)	HW1/Quiz1
6	F	Aug 29	1.3	Continuity	
	M	Sept 1		NO CLASS (Labor Day)	
7	W	Sept 3	1.3, 1.4	Continuity (cont'd) and & instantaneous velocity	HW2/Quiz2
8	F	Sept 5	2.1	Definition of the derivative	
9	M	Sept 8	2.2	Differentiation rules	
10	W	Sept 10	2.3	Differentiation rules	HW3/Quiz3
11	F	Sept 12	2.4	Derivatives of trig. functions	
12	M	Sept 15	2.5	Chain Rule	
13	W	Sept 17	2.5,2.6	Chain Rule (cont'd) & Implicit Differentiation	HW4/Quiz4*
14	F	Sept 19	2.6	Implicit Differentiation (cont'd)	
15	M	Sept 22	2.7	Inv. Trig., Exp., log. functions, General Power rule	
16	W	Sept 24	2.7	Related rates & Review	HW5/Quiz5
	F	Sept 26		Test #1	
17	M	Sept 29	3.1	Linear Approx., Simple pendulum	
18	W	Oct 1	3.2	Extreme Values	HW6/Quiz6
19	F	Oct 3	3.2	Extreme Values (cont'd)	
20	M	Oct 6	3.2,3.3	Mean Value Theorem, 1st & 2nd Derivative Tests	
21	W	Oct 8	3.3	Analyzing functions	HW7/Quiz7
22	F	Oct 10	3.3	Analyzing functions (cont'd)	
	M	Oct 13		NO CLASS (Fall Break)	
23	W	Oct 15	3.4	Optimization	HW8/Quiz8
24	F	Oct 17	3.5	Indeterminate forms and L'Hôpital's Rule	
25	M	Oct 20	3.5	L'Hôpital's Rule (cont'd)	
26	W	Oct 22	3.6	Antiderivatives	HW9/Quiz9
	F	Oct 24		Test #2	
27	M	Oct 27	4.1	Summation notation & Areas	
28	W	Oct 29	4.2	Definite Integrals	HW10/Quiz10
29	F	Oct 31	4.3	Fundamental Theorem of Calculus	
30	M	Nov 3	4.3	Fundamental Theorem of Calculus (cont'd)	
31	W	Nov 5	4.4	Integration by substitution	HW11/Quiz11
32	F	Nov 7	4.5	Integration by parts	
33	M	Nov 10	5.1	Areas	
34	W	Nov 12	5.1,5.2	Areas (cont'd) and Volumes of revolution (discs)	HW12/Quiz12
35	F	Nov 14	5.2	Volumes of revolution (washers)	
36	M	Nov 17	5.2	Volumes of revolution (shells)	
	W	Nov 19		Test #3	(HW13)
37	F	Nov 21	5.1, 5.2	Areas and Volumes of revolution	
38	M	Nov 24		Integration practice	
39	W	Nov 26		NO CLASS (Thanksgiving)	
40	F	Nov 28		NO CLASS (Thanksgiving)	
41	M	Dec 1		Review (Last lecture)	
	T	Dec 2			(HW14)
		Dec 9		FINAL EXAM, location TBA Tuesday night, December 9, at 7:00–9:30 PM	