

SYLLABUS Math 2B; Winter 2019 Section E:

lecture	date	section	topic
1	Mon Jan 7	4.9	Antiderivatives (review)
2	Wed Jan 9	5.1	Areas and Distances
3	Fri Jan 11	5.2	Definite Integral
4	Mon Jan 14	5.3	Fundamental Theorem of Calculus
5	Wed Jan 16	5.4	Indefinite Integrals and the Net Change Theorem
6	Fri Jan 18	5.5	Substitution Rule
-	Mon Jan 21		Martin Luther King Day
7	Wed Jan 23	6.1, 6.2	Area between Curves, Volume
8	Fri Jan 25	6.2	Volume
9	Mon Jan 28	6.5	Average Value of a Function, Review
10	Wed Jan 30		Midterm # 1
11	Fri Feb 1	7.1	Integration by Parts
12	Mon Feb 4	7.2	Trigonometric Integrals
13	Wed Feb 6	7.3	Trigonometric Substitutions
14	Fri Feb 8	7.4	Integration by Partial Fractions
15	Mon Feb 11	7.5	Strategy for Integration
16	Wed Feb 13	7.8	Improper Integrals
17	Fri Feb 15	11.1	Sequences
-	Mon Feb 18		President's Day
18	Wed Feb 20		Midterm # 2
19	Fri Feb 22	11.2	Series
20	Mon Feb 25	11.3, 11.4	Integral Test, Comparison Test
21	Wed Feb 27	11.5, 11.6	Alternating Series Test, Absolute Convergece (start 11.6)
22	Fri Mar 1	11.6	Ratio and Root Tests
23	Mon Mar 4	11.7	Strategy for Testing Series
24	Wed Mar 6	11.8	Power Series
25	Fri Mar 8	11.9	Representations of Power Series
26	Mon Mar 11	11.10	Taylor and Maclaurin Series
27	Wed Mar 13		<i>Catch-up and Review</i>
28	Fri Mar 15		<i>Review for final</i>
-	Sat Mar 16		FINAL 1.30-3.30 pm