

Math 16B: Short Calculus II
Winter 2018, Section 3
Lecture Schedule

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Below is a list of the topics we intend to cover, along with a rough time outline. Actual schedule is subject to change without notice. Last updated December 24th, 2017.

Week	Topic	Chapters
1/8 – 1/12	Review Math 16A	
	Derivatives of Exponential Functions	4.1-4.3
	Logarithmic Functions	4.4
1/15	<i>Martin Luther King Jr. Day: No Class</i>	
1/17 – 1/19	Derivatives of Logarithmic Functions	4.5
	Exponential Growth and Decay	4.6
1/22 – 1/26	Review for Exam 1	
	Exam 1: Wednesday, January 24	
	Area Under the Curve	
1/29 – 2/2	Antiderivatives and Indefinite Integrals	5.1
	Simple Trigonometric Integrals	8.5
	Exponential and Logarithmic Integrals	5.3
2/5 – 2/9	The Fundamental Theorem of Calculus	5.4
	Area Between Curves and Average Value	5.5
	Midpoint Rule	5.6
	Trapezoid Rule	6.3
2/12 – 2/16	Review for Exam 2	
	Exam 2: Wednesday, February 14	
	Integration by Substitution (“General Power Rule”)	5.2
2/19	<i>President’s Day: No Class</i>	
2/21 – 2/23	Integration by Substitution	5.2
	Trigonometric Integrals	8.5
	Integration by Parts	6.1
2/26 – 3/2	Partial Fractions	
	Integration Practice	
	Improper Integrals	6.4
3/5 – 3/9	Review for Exam 3	
	Exam 3: Wednesday, March 7	
	Discrete Probability	9.1
3/12 – 3/16	Continuous Random Variables	9.2
	Mean, Median, Variance and Standard Deviation	9.3
	Probability Density Functions	9.3
	Review for Final Exam	
3/23	Final Exam: Friday, March 23	