Math 16B: Short Calculus II
Spring 2017, Section 1
Lecture Schedule

Instructor: Christopher O'Neill
E-mail: coneill@math.ucdavis.edu

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 May 17th, 2017.

Week	Topic	Chapters
4/3 – 4/7	Review Math 16A	
	Derivatives of Exponential Functions	4.1-4.3
	Logarithmic Functions	4.4
4/10 – 4/14	Derivatives of Logarithmic Functions	4.5
	Exponential Growth and Decay	4.6
	Review of Trigonometric Functions	8.1-8.3
4/17 – 4/21	Review for Exam 1	
	Exam 1: Wednesday, April 19	
	Antiderivatives and Indefinite Integrals	5.1
4/24 – 4/28	Simple Trigonometric Integrals	8.5
	Exponential and Logarithmic Integrals	5.3
	The Fundamental Theorem of Calculus	5.4
	Area of a Region	5.5
	Midpoint Rule	5.6
5/1 – 5/5	Trapezoid Rule and Simpon's Rule	6.3
	Review for Exam 2	
	Exam 2: Friday, May 5	
5/8 – 5/12	Integration by Substitution	5.2
	Trigonometric Integrals	8.5
	Integration by Parts	6.1
5/15 – 5/19	Partial Fractions	
	Integration Practice	
	Improper Integrals	6.4
5/22 – 5/26	Area Between Curves and Average Value	5.5
	Review for Exam 3	
	Exam 3: Friday, May 26	
5/29	*Memorial Day: No Class*	
5/31 – 6/2	Discrete Probability	9.1
	Continuous Random Variables	9.2
	Mean, Median, Variance and Standard Deviation	9.3
6/5 – 6/7	Probability Density Functions	9.3
	Review for Final Exam	
6/14	**Final Exam: Wednesday, June 14th**	