Math 16A: Short Calculus I
Fall 2017, 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 3rd, 2017.

Week	Topic	Chapters
9/27 – 9/29	Review of graphing functions	1.1-1.3
	Functions, composition and inverse	1.4
10/2 – 10/6	Limits	1.5
	Asymptotes	3.6
	Continuity	1.6
10/9 – 10/13	Review for Exam 1	
	Exam 1: Wednesday, October 11	
	Slope of the tangent line	2.1
10/16 – 10/20	Definition of derivative	2.1
	Power rule, sum and difference rules	2.2
	Product and quotient rules	2.4
10/23 – 10/27	Chain rule	2.5
	Trig review	8.1-8.3
	Derivatives of trig functions	8.4
10/30 – 11/3	Implicit differentiation	2.7
	Review for Exam 2	
	Exam 2: Friday, November 3	
11/6 – 11/8	Derivatives and rate of change	2.3
	Related rates	2.8
11/10	*Veteran's Day: No Class*	
11/13 – 11/17	Increasing/decreasing functions and critical points	3.1
	Relative extrema, first derivative test	3.2, 8.4
	Concavity, points of inflection	2.6, 3.3
11/20 – 11/22	Optimization	3.4, 3.5
	Catch-up day: word problems	
11/23 – 11/24	*Thanksgiving Holiday: No Class*	
11/27 – 12/1	Review for Exam 3	
	Exam 3: Wednesday, November 29	
	Sketching graphs (Day 1)	3.6
12/4 – 12/8	Sketching graphs (Day 2)	3.7
	Review of word problems	
	Review for Final Exam	
12/15	**Final Exam: Friday, June 15th**	