Tentative Daily Schedule

Date	Topic Covered	Material Due
Aug 19	Introduction & Review of Topics	
Aug 21	Notation & Basic Derivatives	homework sets
Aug 26	The Chain Rule	
Aug 28	The Product & Quotient Rules	homework sets
Sept 2	*Labor Day – no class*	
Sept 4	Implicit Differentiation & Logarithmic Differentiation	homework sets
Sept 9	Inverse Functions & Differentials	
Sept 11	Catch Up & Review for test 1	homework sets
Sept 16	**TEST 1**	
Sept 18	Rules for Calculating Limits	Project 1
Sept 23	L'Hopital's Rule	
Sept 25	L'Hopital's Rule	homework sets
Sept 30	Continuity	
Oct 2	Limits and Graphs	homework sets
Oct 7	*Fall Break – no class*	
Oct 9	The Formal Definition of Limits & the Chart Method	homework sets
Oct 14	Motivating Derivatives – the Tangent Line	
Oct 16	Catch Up & Review for test 2	homework sets
Oct 21	**TEST 2**	
Oct 23	The Limit Definition of the Derivative	
Oct 28	The Tangent Line & Linear Approximation	Project 2
Oct 30	Maximums & Minimums	homework sets
Nov 4	Concavity	
Nov 6	Sketching a Curve & the Mean Value Theorem	homework sets
Nov 11	Optimization	Project 3
Nov 13	Catch Up & Review for test 3	homework sets
Nov 18	**TEST 3**	
Nov 20	Growth/Decay Models & Newton's Method	
Nov 25	Related Rates & Error-checking with Differentials	Project 4
Nov 27	*Thanksgiving Break – no class*	
Dec 2	Antiderivatives	
Dec 4	Review for Final Exam	homework sets Project 5
Dec 5	*Reading Day – no class*	
Dec 6	**FINAL EXAM** (8am – 11am)	