

Calculus 1 - CLASS SCHEDULE

		Before Class			During Class		After Class
DATE	DAY	Watch and Learn	Read	Practice	Class Time	Assigned	Due 11:59pm
08/26/20	Wednesday			Algebra Review	Welcome and Review	Make a short video introducing yourself to the class. What is your favorite function and why?	Post sample video to Teams.
08/28/20	Friday	Measuring Velocity	1.1	Activities 1.1	Exercises 1.1	Video 1	
08/31/20	Monday	Limits	1.2	Activities 1.2	Exercises 1.2		Video 1 Due
09/02/20	Wednesday	Derivative at a Point	1.3	Activities 1.3	Exercises 1.3		
09/04/20	Friday	The Derivative function	1.4	Activities 1.4	Exercises 1.4	Video 2	
09/07/20	Monday	Interpretations of the Derivative	1.5	Activities 1.5	Exercises 1.5		Video 2 Due
09/09/20	Wednesday	The Second Derivative	1.6	Activities 1.6	Exercises 1.6		
09/11/20	Friday	Limits, Continuity, and Differentiability	1.7	Activities 1.7	Exercises 1.7	Video 3	
09/14/20	Monday	Tangent Line Approximation	1.8	Activities 1.8	Exercises 1.8		Video 3 Due
09/16/20	Wednesday	Review Introduction to Derivatives	Review		Review		
09/18/20	Friday				Exam 1		
09/21/20	Monday	Elementary Derivative Rules	2.1	Activities 2.1	Exercises 2.1		
09/23/20	Wednesday	The Sine and Cosine Functions	2.2	Activities 2.2	Exercises 2.2		
09/25/20	Friday	NO CLASS			NO CLASS	Video 4	
09/28/20	Monday	The Product and Quotient Rules	2.3	Activities 2.3	Exercises 2.3		Video 4 Due
09/30/20	Wednesday	Derivatives of other Trigonometric Functions	2.4	Activities 2.4	Exercises 2.4		

10/02/20	Friday	The Chain Rule	2.5	Activities 2.5	Exercises 2.5	Video 5	
10/05/20	Monday	Review of Derivative Rules	Review		Review		Video 5 Due
10/07/20	Wednesday	Inverse Functions	2.6	Activities 2.6	Exercises 2.6		
10/09/20	Friday	Implicit Functions	2.7	Activities 2.7	Exercises 2.7	Video 6	
10/12/20	Monday	Using Derivatives to Evaluate Limits	2.8	Activities 2.8	Exercises 2.8		Video 6 Due
10/14/20	Wednesday	Review Derivative Concepts	Review		Review		
10/16/20	Friday				Exam 2		
10/19/20	Monday	NO CLASS			NO CLASS		
10/21/20	Wednesday	Using Derivatives to identify extreme values	3.1	Activities 3.1	Exercises 3.1		
10/23/20	Friday	Describing families of functions	3.2	Activities 3.3	Exercises 3.3	Video 7	
10/26/20	Monday	Global Optimization	3.3	Activities 3.4	Exercises 3.4		Video 7 Due
10/28/20	Wednesday	Applied Optimization	3.4	Activities 3.4	Exercises 3.4		
10/30/20	Friday	Related Rates	3.5	Activities 3.5	Exercises 3.5	Video 8	
11/02/20	Monday	More Applied Derivative Problems	3.1-3.5		Non Book Problems		Video 8 Due
11/04/20	Wednesday	Review Applied Problems	Review		Review		
11/06/20	Friday				Exam 3		
11/09/20	Monday	Determining distance traveled from Velocity	4.1	Activities 4.1	Exercises 4.1		
11/11/20	Wednesday	Riemann Sums	4.2	Activities 4.2	Exercises 4.2		
11/13/20	Friday	The Definite Integral	4.3	Activities 4.3	Exercises 4.3	Video 9	
11/16/20	Monday	Properties of the Definite Integral	4.3	Activities 4.4	Exercises 4.4		Video 9 Due

11/18/20	Wednesday	The Fundamental Theorem of Calculus	4.4	Activities 4.5	Exercises 4.5		
11/20/20	Friday	An introduction to Differential Equations	7.1	Activities 7.1	Exercises 7.1		
11/23/20	Monday	NO CLASS					
11/25/20	Wednesday	Thanksgiving					
11/27/20	Friday	Thanksgiving					
11/30/20	Monday	Review for Exam 4			Last Day Check In		
12/02/20	Wednesday	Exam 4 at 9am					