

Week	Monday	Tuesday	Wednesday	Friday
			19-Aug	21-Aug
1			Syllabus overview + Functions Review I (Domain, Range, Odd, Even, Inc., Dec., Piecewise)	Functions Review II (Polynomial, Rational, Trig, Inverse)
	24-Aug	25-Aug	26-Aug	28-Aug
2	Functions Review III (Exp, Log)	Transformation and Composition Using Desmos + Project 1	Calculus Preview + An Informal Introduction to Limits	2.2 Limits (Evaluating Graphically and Numerically), One-sided Limits
	31-Aug	1-Sep	2-Sep	4-Sep
3	2.4 Intro to Continuity + Quiz 1 (Ch 1)	Limits Worksheet	2.4 IVT	2.3 Evaluating Limits Analytically I
	7-Sep	8-Sep	9-Sep	11-Sep
4	Evaluating Limits Analytically II + Fixing Discontinuity + Quiz 2	3.1 Average vs. Instantaneous Velocity + Project 2	3.2 Derivative - Limit Definition and Differentiability	Graph Matching Worksheet
	14-Sep	15-Sep	16-Sep	18-Sep
5	Review and Practice	Midterm 1	3.3,3.5 Basic Differentiation Rules (Constant, Power, Sum, Diff, Trig)	3.3 Product and Quotient Rule
	21-Sep	22-Sep	23-Sep	25-Sep
6	3.4 Interpretation of Derivative as Rate of Change	Differentiation Worksheet + Quiz 3 (3.3,3.5)	3.6 Chain Rule	Differentiation Worksheet
	28-Sep	29-Sep	30-Sep	2-Oct
7	3.7 Derivative of Inverse Function - Inverse Trig + Quiz 4 (3.4,3.6)	Differentiation Worksheet	3.9 More Differentiation Rules (Exp, Log)	3.8 Implicit Differentiation
	5-Oct	6-Oct	7-Oct	9-Oct
8	4.1 Application of Derivative I - Related Rates + Quiz 5 (3.7, 3.8, 3.9)	Differentiation Worksheet + Project 3	Fall Break	4.3 Application of Derivative II - Maxima, Minima and EVT
	12-Oct	13-Oct	14-Oct	16-Oct
9	4.4 Rolle's Theorem and MVT	MVT Worksheet + Quiz 6 (4.3, 4.4)	4.5 Application of Derivative III - Shape of a Graph (FDT)	4.5 contd. - Shape of a Graph (SDT, Concavity, Inflection Point)
	19-Oct	20-Oct	21-Oct	23-Oct
10	Local and Global Optimization Problems (Couch around a Corner)	Project 4	4.6 Asymptotes, End Behavior + Curve Sketching Practice	Families of Functions and Modeling + Quiz 7 (4.5, 4.6)
	26-Oct	27-Oct	28-Oct	30-Oct
11	Review and Practice	Midterm 2	4.2 Application of Derivative IV - Linear Approximation and Error Estimation	Application of Derivative V - L'Hôpital's Rule, Growth, and Dominance
	2-Nov	3-Nov	4-Nov	6-Nov
12	5.1 Area under a curve, The Sigma Notation	Project 5	5.2 Riemann Sum and the Definite Integral	Riemann Sum Practice
	9-Nov	10-Nov	11-Nov	13-Nov
13	Properties of Definite Integral	Definite Integral Practice + Quiz 8 (5.1, 5.2)	5.3 The Fundamental Theorem of Calculus I	The Fundamental Theorem of Calculus II, Applications of FTC
	16-Nov	17-Nov	18-Nov	20-Nov
14	5.4 Antiderivative, Basic Integration Formulae + Quiz 9 (5.3)	Slope Field + Project 6	5.5 Integration by Substitution	5.5 More Integration by Substitution
	23-Nov	24-Nov		
15	5.6 Integrals with exp and log + Quiz 10 (5.5)	Final Review		