

Date	Lesson #	Quiz #	Topics
8/21	1		Course info, CCI
8/23	2		Finding limits numerically; one-sided limits
8/25	3		Finding limits graphically
8/28	4	1	Finding limits analytically
8/30	5		Continuity
9/1	6		The derivative
9/4	LABOR DAY		
9/6	7		Basic rules of differentiation; Derivatives of sine and cosine; Derivative of the exponential function
9/8	8	2	Instantaneous rates of change
9/11	9	3	The product rule
9/13	10		The quotient rule; Derivatives of other trig functions
9/15	11		The chain rule
9/18	12	4	The chain rule; derivative of natural log
9/20	13	5	Higher order derivatives
9/22	REVIEW FOR EXAM 1		
9/25	EXAM 1		
9/27	14		Implicit differentiation
9/29	15	6	Related rates
10/2	16		Related rates
10/4	17	7	Relative extrema and critical numbers
10/6	18		Increasing/decreasing functions and the first derivative test
10/9	FALL BREAK		
10/11	REVIEW FOR EXAM 2 / EXAM 2		
10/13	19		Concavity, inflection points, and the second derivative test
10/16	20	8	Absolute extrema on an interval
10/18	21		Graphical interpretation of derivatives
10/20	22	9	Limits at infinity
10/23	23		A summary of curve sketching
10/25	24	10	Optimization
10/27	25	11	Optimization
10/30	26		Optimization
11/1	27	12	Antiderivatives and indefinite integration
11/3	28	13	Antiderivatives and indefinite integration
11/6	29		Area and Riemann sums
11/8	30		Definite integrals
11/10	REVIEW FOR EXAM 3		
11/13	EXAM 3		
11/15	31		Fundamental Theorem of Calculus
11/17	32	14	Fundamental Theorem of Calculus
11/20	THANKSGIVING VACATION		
11/22	THANKSGIVING VACATION		
11/24	THANKSGIVING VACATION		
11/27	33	15	Numerical integration
11/29	34		Exponential growth

12/1	35		CCI
12/4	36		Exponential decay
12/6	REVIEW FOR FINAL EXAM		
12/8	REVIEW FOR FINAL EXAM		