Date	Sec	Topic
3 Sept	1.1, 1.2, 1.3	Precalculus Review.
8 Sept	1.4, 1.5	Precalculus Review.
10 Sept	1.6, 1.7, 2.1	Precalculus Review.
15 Sept	2.2, 2.3, 2.4	Limits.
17 Sept	2.5, 2.6, 2.7	Limits.
22 Sept	2.8, 2.9, 3.1	The Intermediate Value Theorem. Definition of limit and derivative. Power rule.
24 Sept	3.2, 3.3, 3.4	Derivative as a function. Product and quotient rule. Rates of change.
29 Sept	3.5, 3.6	Higher derivatives. Differentiation of trigonometric functions.
1 Oct	3.7	Chain rule.
6 Oct		Exam 1
8 Oct	3.8	Derivatives of inverse functions.
13 Oct	3.9, 3.10	Differentiation of exponentials, logarithms. Implicit Differentiation.
15 Oct	3.11	Related Rates.
20 Oct	4.1, 4.8	Linear approximations. Newton's method.
22 Oct	4.2	Maxima and minima. Critical points.
27 Oct	4.3, 4.4	Shape of a graph. Mean Value Theorem. First derivative test. Concavity.
29 Oct	4.5,4.6	L'Hopital's rule. Curve sketching. Asymptotes.
3 Nov	4.7	Maxima and minima problems.
5 Nov	4.9	Antiderivatives.
10 Nov	5.1	Approximating and computing area.
12 Nov		Exam 2
17 Nov	5.2	Definite integrals.
19 Nov	5.3, 5.4	Fundamental Theorem of Calculus.
24 Nov	5.5, 5.6	Net change. Integration by substitution.
26 Nov		No class; Friday course schedule
1 Dec	5.7, 5.8	Transcendental functions. Exponential growth.
3 Dec	6.1	Area between two curves
8 Dec	6.2	Volumes, Density, Average Value
10 Dec		Catch up and review