

Calculus Review Unit Overview
(Scheduled in *tan*, changes from original in *red*)

Day	Date	Sec	HW Problems	Topics
		16A	#2def,3def	Limits
		16B	#1cd	Limits as asymptotes
		Review 16C	As needed	Other introductory ideas
		17B	#2	Review first principles
		17C	#1aeim,2cf,4ace,6dh,7	Differentiating power rule
		17D.2	#1ad,2adg,3ace,4	Chain Rule
		17E	#1ad,2bd,3	Product Rule
		17F	#1cf,2bd,3,4	Quotient Rule
		17G	#5bd,6bd	Tangent and Normal lines
		17H	#1bdf,2cf,3,4	Second derivatives
		Review 17C	As needed	Other derivative problems
		18A	#1-4	Time and motion
		18B	#2-6 even or #1-7 odd	Other rates of change
		18C.1	#1&3	Motion on a line
		18C.2	#4	More motion on a line
		18D-18F	Your choice	Various applications of derivatives
		18G	#2-16 even (more as needed)	Optimization problems
		Review 19C	#1-7	Derivatives of exponentials and logarithmic functions
		Review 20	#1-9	Derivatives of trig functions
		21A	#1-3	Finding antiderivatives
		21B	#1-4	Fundamental theorem
		21C.1	#2-11	Integration with & without boundary conditions
		21C.2	#1-8 last col, 9 & 10	Integration practice
		21D	#1begh,2beh,3,4,5bcef,6cfi,7bc,8-13	Integrating $f(ax + b)$
		21E.1	1col2,2	Integrals w/calculator
		21E.2	#2-10 even & 9	Integrals w/calculator
		22A.1	#1-4 (a lot)	Areas below curves (1 a-l)
		22A.2	#1-16 (too much)	Areas between curves
		22B.1	#1-3	Distances from graphs
		22B.2	#1-7	Motion problems
		22C	#1-4	Problem solving
		22D.1	#1-9	Volumes of rotation - one function
		22D.2	#1-6	Volumes of rotation - two functions