Math 1172 mastery checklist

	Review topics	points		
		1	2	3
1	Simple derivatives & antiderivatives			
2	u-substitution			

Integrals & Derivatives

3	Area between curves			
4	Volumes with washers			
5	Volumes with shells			
6	The natural logarithm			
7	The exponential function			
8	Other logarithmic & exponential functions			
9	Inverse trig functions			
10	L'Hopital's rule			
11	Integration by parts			
12	Trigonometric integrals			
13	Trigonometric substitutions			
14	Partial fractions			
15	Improper integrals			
16	Arclength			

Sequences & Series

17	Sequences basics			
18	Series basics			
19	Integral test			
20	Comparison test			
21	Alternating series & absolute convergence			
22	Ratio & root tests			
23	Power series (convergence)			
24	Power series of a function			
25	Taylor series			

Bring this to your exams. (Don't write stuff on it other than to check things off.)