

Tentative Syllabus
Math 128 – Calculus 2
Block 8 2004

Monday 4/19	The integral as an area	5.1-5.3
Tuesday 4/20	Integration by hand	5.4, 8.1
Wednesday 4/21	Integration by machine, introduction to Mathematica	5.5, 5.6, 5.7
Thursday 4/22	Numerical integration	6.1, 6.2
Friday 4/23	Differential equations, Quiz # 1	7.4
Monday 4/26	Slope fields and Euler's method	4.1, 6.3
Tuesday 4/27	Applications of integration to volume and length	7.1, 7.2
Wednesday 4/28	Applications of integration to Physics and Economics	7.3, 7.5
Thursday 4/29	Function approximation, Quiz # 2	9.1, 9.3
Friday 4/30	Improper integrals	10.1-10.3
Monday 5/3	Sequences	11.1
Tuesday 5/4	Infinite series, Quiz # 3	11.2
Wednesday 5/5	Convergence tests for series	11.3
Thursday 5/6	Alternating series and power series	11.4-11.6
Friday 5/7	More power series and Taylor series	11.6, 11.7
Monday 5/10	Parametric equations, Quiz #4	4.4
Tuesday 5/11	Review	
Wednesday 5/12	Final exam	