Syllabus for MATH 103-002 200710 (Edward Doolittle)

Class	Date	Topic	Chapter
1	Tuesday, January 9	Introduction, Functions, etc.	Chapter 0
2	Thursday, January 11	Slopes of lines and curves	1.1, 1.2
3	Tuesday, January 16	The Derivative	1.2, 1.3
4	Thursday, January 18	Limits, Derivatives, Continuity	1.4, 1.5
5	Tuesday, January 23	Rules for Differentiation	1.6, 1.7
6	Thursday, January 25	Derivative as a Rate of Change	1.7, 1.8
7	Tuesday, January 30	Describing Graphs	2.1, 2.2
8	Thursday, February 1	Curve Sketching; quiz	2.3, 2.4
9	Tuesday, February 6	Review: chapters 1, 2.1-2.4	
10	Thursday, February 8	**Midterm Test 1:** 1.1-1.8, 2.1-2.4	
11	Tuesday, February 13	Optimization, Applications	2.5, 2.6
12	Thursday, February 15	Optimization, Applications	2.6, 2.7
13	Tuesday, February 27	The Product and Quotient Rules	3.1
14	Thursday, March 1	The Chain Rule; quiz	3.2
15	Tuesday, March 6	Exponential Functions	4.1, 4.2
16	Thursday, March 8	Differentiation of Exponentials	4.3
17	Tuesday, March 13	Logarithms and their Derivatives	4.4, 4.5
18	Thursday, March 15	Properties of the Logarithm; quiz	4.5, 4.6
19	Tuesday, March 20	Review: chapters 2.5-2.7, 3, 4	
20	Thursday, March 22	**Midterm Test 2:** ch. 2.5-2.7, 3, 4	
21	Tuesday, March 27	Exponential Growth	5.1
22	Thursday, March 29	Compound Interest	5.2
23	Tuesday, April 3	Integration	6.1, 6.2
24	Thursday, April 5	Fundamental Theorem, Areas; quiz	6.3, 6.4
25	Tuesday, April 10	Integration by Substitution	9.1
26	Thursday, April 12	Review: chapters 5, 6, 9.1	