LECTURE SCHEDULE, MAT 122, Fall 2002

Week of	Sections	Holidays and Exams
9/2	1.1, 1.2	**First Lecture, Tuesday 9/3**
9/9	1.3, 1.5	
9/16	1.6, 1.7	
9/23	1.8, 1.9	
9/30	2.1, 2.2	
10/7	2.4, review	
10/14	3.1, 3.2	**First Exam, Mon Oct 14, 8:30pm**
10/21	3.3, 3.4	
10/28	4.1, 4.2	
11/4	4.3, 4.4	
11/11	review, 5.1	**Second Exam, Tue, Nov 12 8:30pm**
11/18	5.2, 5.3	
11/25	5.5	**No class Wed-Fri**
12/2	7.1, 7.2	
12/9	7.3 review	**Final, Tue Dec 17, 11-1:30**

HOMEWORK, MAT 122, Fall 2002

Section:	**Topic**	**Problems:**
1.1	What is a function?	2,6,8,10,14,16,24
1.2	Linear functions	2,4,6,8,10,16,20,24
1.3	Rates of change	5,6,7,10,16,18,26,28,30
1.5	Exponential functions	2,6,8,10,12,16,22,26
1.6	The natural logarithm	2,6,10,16,22,26,28,36,40
1.7	Exponential growth	2,4,6,10,12,20,26,30,32,38
1.8	New functions from old	2,4,6,10,12,14,16,20,26,32
1.9	Power functions	2,6,10,16,18,20,35,36
2.1	Instantaneous growth	2,3,4,6,12,14,22,24
2.2	The derivative function	1,2,3,4,8,10,12,16,20,26
2.4	The second derivative	2,4,8,10,12,14,16,18,23,24
3.1	Differentiating power functions	2,6,10,14,16,20,24,32,36,40
3.2	Exponentials and logarithms	4,8,12,16,20,22,28,34,36
3.3	The chain rule	4,10,14,18,22,26,30,32,40
3.4	Product and quotient rules	2,6,10,14,28,22,26,30,34,38
4.1	Local mins and maxs	2,4,6,8,10,12,16,24,26
4.2	Inflection points	2,4,8,10,12,20,22,24,26,28
4.3	Global mins and maxs	4,6,8,10,12,18,24,28,32
4.4	Profit, cost and revenue	4,6,8,12,14
5.1	Accumulated change	4,7,10,12,14,16
5.2	The definite integral	2,4,6,10,12,14,26
5.3	The integral as area	1,2,4,6,8,14,18,22,24,26,28
5.5	The fundamental theorem	2,4,6,10,12
7.1	Antiderivatives	2,6,10,14,16,22,24,26,32,38,42
7.2	Substitution	2,4,8,14,16,26,30,32,38,40
7.3	Definite integrals	2,6,10,12,14,16,24,26,29,36,38