LECTURE SCHEDULE, MAT 131, SPRING 2001

Week of	Sections	Holidays and Exams
1/22	1.1	**Classes begin, Wed 1/24**
1/29	1.2,1.3,1.5,1.6	
2/5	2.1, 2.2	**Early Exam, 8:30pm Mon 2/5**
2/12	2.3, 2.4, 2.5	
2/19	2.6, 2.7	**1st Exam, Tue 2/20**
2/26	2.8, 2.9, 2.10	
3/5	3.1, 3.2, 3.3	
3/12	3.4, 3.5, 3.6	
3/19		**Spring break**
3/26	3.7, 3.8, 4.1	
4/2	4.2, 4.3	**2nd Exam, Th 4/5**
4/9	4.5, 4.6	**no class Mon, Wed follows Mon sched.**
4/16	4.8, 4.9	
4/23	5.1, 5.2, 5.3	
4/30	5.4, 5.5, 5.6	
5/7	Review	**Final, 11:00-1:30 Fri 5/11**

HOMEWORK, MAT 131, SPRING 2001

Section:	**Topic**	**Problems:**
1.1	4 ways to represent functions	1-17 odd, 43-49 odd
1.2	Models	1-9 odd, 15
1.3	New functions from old	1-45 odd
1.5	Exponentials	1, 7-19 odd
1.6	Inverses and logarithms	1-27 odd, 31, 35-41 odd, 59
2.1	Tangents and velocities	1-7 odd
2.2	Limits	1,2,3,9,11
2.3	Limit laws	1-19 odd, 39, 42
2.4	Continuity	1-19 odd, 29, 31
2.5	Limits involving infinity	1-7 odd, 15-29 odd, 35, 37
2.6	Rates of change	1,3,5, 13-23 odd
2.7	Derivatives	1-7 odd 13-25 odd
2.8	Deriviative as a functions	1-15 odd, 29, 35, 36
2.9	Linear approximation	1,7,9,11
2.10	What does f' say about f	1-15 odd
3.1	Polynomials and exponentials	1-19 odd, 41,43,49
3.2	Product rule	1-17 odd, 27,33,37
3.3	Rates of change	1-21 odd
3.4	Trig functions	1-17 odd, 25,27, 31
3.5	Chain rule	1-19 odd, 41,43
3.6	Implicit differentiation	1-9 odd, 15,25
3.7	Logarithms	1-21 odd
3.8	Linear approximations	1,3,13,15
4.1	Related rates	1-23 odd
4.2	Maxs and Mins	1-17 odd, 37,39, 51
4.3	Shapes of curves	1-19 odd
4.5	l'Hospital's rule	1-21 odd, 55
4.6	Optimization	1-17 odd, 23-27 odd
4.8	Newton's method	1,3,5,7,19
4.9	Antiderivatives	1-9 odd, 25,27, 31,41
5.1	Areas and distances	1,3,11,13
5.2	Definite integral	1-7 odd, 9,17,29
5.3	Evaluating integrals	1-25 odd, 47,49
5.4	Fundamental theorem	3-19 odd,
5.5	Substitution	1-31 odd
5.6	Integration by parts	1-23 odd