MATH 113- SPRING 2011

Week Dates	Section & Topic		Lecture & Assignments	
Week 1 1/18 – 1/21	**R.4,** **1.1 - 1.4**	Linear Equations; Introduction to Limits and Differentiation	1	
			2	
			3	
Week 2 1/24 – 1/28	**1.5, 1.6**	Derivatives	4	
			5	
Week 3 1/31 – 2/4	**1.7, 1.8**	Derivatives	6	
			7	
			8	
Week 4 2/7 – 2/11	**1.8, 2.1**	Higher Order Derivatives	9	
			10	
			11	
Week 5 2/14 – 2/18	∟▶	**REVIEW FOR EXAM #1**	12	**STUDY FOR EXAM #1**
	∟▶	MIDTERM EXAM I	13	
	2.2, 2.3	First Derivative and Graphs; Second Derivatives and Graphs	14	
Week 6 2/21 – 2/25	**2.4, 2.5**	Maximum and Minimum; Absolute Extrema	15	
			16	
			17	
Week 7 2/28 – 3/4	**2.6, 2.7**	Optimization; Implicit Differentiation; Related Rates	18	
			19	
			20	
Week 8 3/7 – 3/11	**2.7**	Implicit Differentiation; Related Rates	21	
			22	
			23	
Week 9 3/14 – 3/18	∟▶	SPRING RECESS: MARCH 13-19, 2011		

Week 10 3/21 – 3/25	3.1, 3.2, 3.3	Exponentials and Logs	24	
			25	
			26	
Week 11 3/28 – 4/1	└▶	LAST DAY TO **WITHDRAW** FROM THIS COURSE		
	└▶	**REVIEW FOR EXAM #2**	27	**STUDY FOR EXAM #2**
	└▶	MIDTERM EXAM II	28	
	4.1 - 4.3	Definite Integrals	29	
Week 12 4/4 –4/8	4.1 - 4.4	Areas; Methods of Integration	30	
			31	
			32	
Week 13 4/11 – 4/15	6.1	Multivariate Functions	33	
			34	
			35	
Week 14 4/18 – 4/22	6.2, 6.3	Partial Derivatives; Optimization	36	
4/22	└▶	**GOOD FRIDAY** ~ NO CLASSES SCHEDULED		
Week 15 4/25 – 4/29	6.6	Multiple Integrals	37	
			38	
			39	
Week 16 5/2 – 5/4	└▶	**REVIEW FOR FINAL EXAM**	40	**STUDY FOR FINAL EXAM**
			41	
	└▶	TUE **MAY 3** CLASSES FOLLOW A **FRIDAY** SCHEDULE	42	
	└▶	**5/4** READING DAY		
Finals		FINAL EXAM WEEK: MAY 5-11, 2011		