Math 125 MWF Suggested Schedule Spring 2015

The following schedule is tentative. Each instructor has the option to vary dates and assignments as they see fit.

Dates	Section	Topic and Suggested Practice Problems
1/7, 9	Intro., 7.1	Introduction, Syllabus, and Limits
1/12,14	7.2	Limits and Continuity
1/16,21	7.3	The Derivative and the Slope of a Graph
1/23,26	7.4	Some Rules for Differentiation
1/26,28	7.5	Rates of Change: Velocity and Marginals
1/28	Review	*As time permits after 7.5
1/30	**Test 1**	
2/2,4	7.6	The Product and Quotient Rules
2/6,9	7.7	The Chain Rule
2/11	8.1	Higher – Order Derivatives
2/13,16	8.4	Increasing and Decreasing Functions
2/18,2/20	8.5	Extrema and the First – Derivative Test
2/20	Review	*As time permits after 8.5
2/23	**Test 2**	
2/25,27	8.6	Concavity and the Second – Derivative Test
3/2,4	9.1/9.2	Optimization Problems, Business and Economic Applications
	9.5	Differentials and Marginal Analysis (Optional: no homework set on master)
	10.1, 10.2, and 10.4	Exponential, Natural Exponential, and Logarithmic Function Review (Optional: as needed and time allows)
3/6,9	10.3 & 10.5	Derivatives of Exponential and Logarithmic Functions (Worksheet?)
3/11	Review	(or extra practice worksheet or use a day for 9.5, 10.1,.2,.4)
3/13	**Test 3**	(3/13 is the Friday before Spring Break or you could test 3/11)
3/23,25	11.1	Antiderivatives and Indefinite Integrals
3/25,27,30	11.2	Integration by Substitution and the General Power Rule (Worksheet?)
4/1,6	11.3	Exponential and Logarithmic Integrals (Worksheet?)
4/8,10	11.4	Area and the Fundamental Theorem of Calculus
4/13,15	11.5	The Area of a Region Bounded by Two Graphs
4/17	Review	
4/20	**Test 4**	
4/22,24	Review	Review for Final
	Final Exam	**Mandatory Comprehensive Final Exam**