MA 113 001-005 Spring 2016 Calendar of Coverage

	Date	Section	Coverage
Week 1	Wed 01/13	1.1	Functions and their graphs; Sequences
	Fri 01/15	1.2	Algebra of functions
Week 2	Mon 1/18: MLK Day		
	Wed 01/20	1.3	Library of functions; linear and quadratic regression
	Fri 01/22		SNOW DAY — No class
Week 3	Mon 01/25	1.4	Implicit functions and conic sections
	Wed 01/27	1.5	Polar functions
	Fri 01/29	1.6	Parametric functions
Week 4	Mon 02/01	2.1	Limits in calculus
	Wed 02/03	2.2	Limits: Numerical and graphical approaches
	Fri 02/05	2.3	Calculating limits using limit laws
Week 5	Mon 02/08	Review	
	Tues 02/09	Exam 01: 05:00–07:00 PM	
	Wed 02/10	2.4	Limits at Infinity and Horizontal Asymptotes
	Fri 02/12	2.6	**No class**
	Mon 02/15		SNOW DAY — No class
Week 6	Wed 02/17	2.5	Continuity and Intermediate Value Theorem
	Fri 02/19	3.1	Tangents, velocities and other rates of change
	Mon 02/22	3.2	Derivatives
Week 7	Wed 02/24	3.3	Rules for differentiation
	Fri 02/26	3.4	Product and quotient rules
Week 8	Mon 02/29	3.5	Trig functions and their derivatives
	Wed 03/02	3.6	Chain rule
	Fri 03/04	3.7	Parametric and polar differentiation
Week 9	Mon 03/07	Review	
	Tues 03/08	Exam 02: 05:00–07:00 PM	
	Wed 03/09	3.8	Implicit differentiation
	Fri 03/11	3.9	Inverse functions and their derivatives
Week 10	Mon 03/14 — Fri 03/18: SPRING BREAK		
Week 11	Mon 03/21	3.10	Logarithmic functions and their derivatives
	Wed 03/23	4.1	Maximum and minimum values
	Fri 03/25	4.2	Mean Value Theorem
Week 12	Mon 03/28	4.3	Derivatives and graphs
	Wed 03/30	4.4	Optimization
	Fri 04/01	4.4	Optimization
Week 13	Mon 04/04	4.5	Applications to Rates of Change
	Wed 04/06	4.6	Indeterminant limits & l'Hospital's Rule
	Fri 04/08	4.7	Taylor Polynomials
Week 14	Mon 04/11	Review	
	Tues 04/12	Exam 03: 05:00–07:00 PM	
	Wed 04/13	4.7	Taylor Polynomials
	Fri 04/15	4.8	Newton's Method
Week 15	Mon 04/18	5.1	Antiderivatives and indefinite integrals
	Wed 04/20	5.2	Area under a Curve and Total Change
	Fri 04/22	5.3	The Definite Integral
Week 16	Mon 04/25	5.4	The Fundamental Theorem of Calculus
	Wed 04/27	5.5	Integration by Substitution
	Fri 04/29	Review	
	Wed 05/04	Final Exam 6:00–8:00	