MA 113 Fall 2019 Calendar of Coverage

	Date	Section	Coverage	WeBWorK due
Week 1	M 08/26	§1.1–1.3, 1.5	Intro to MA 113 and Functions and inverse functions	
	T 08/27		Worksheet 1	
	W 08/28	§1.4–1.5	Exponential and logarithmic functions	
	R 08/29		Worksheet 2	A1
	F 08/30	Appendix D	Trig and inverse trig functions	
Week 2	M 09/02: Labor Day			
	T 09/03		Worksheet 3	
	W 09/04	Appendix D	Trig and inverse trig functions (cont'd)	
	R 09/05		Worksheet 4 & Quiz 1	A2
	F 09/06	§2.1	Tangent & Velocity Problems	WA1
Week 3	M 09/09	§2.2	Limit of a Function	
	T 09/10		Worksheet 5	A3
	W 09/11	§2.3	Limit Laws	
	R 09/12		Worksheet 6 & Quiz 2	
	F 09/13	Review		A4, WA2
Week 4	M 09/16	Review		A5
	T 09/17		Worksheet 7	
	T 09/17	Exam 01: 05:00–07:00 PM		
	W 09/18	§2.5	Continuity	
	R 09/19		Worksheet 8	B1
	F 09/20	§2.6	Limits at Infinity, Horizontal Asymptotes	
Week 5	M 09/23	§2.7	Derivatives (Tangents, Velocities, and Derivatives only)	
	T 09/24		Worksheet 9	B2
	W 09/25	§2.8	The Derivative as a Function	
	R 09/26		Worksheet 10 & Quiz 3	
	F 09/27	§3.1	Derivatives of Polynomials and Exponentials	B3
Week 6	M 09/30	§3.2	Product and Quotient Rules	B4
	T 10/01		Worksheet 11	
	W 10/02	§3.3	Derivatives of Trig Functions	B5
	R 10/03		Worksheet 12 & Quiz 4	
	F 10/04	§3.4	Chain Rule	B6, WA3
Week 7	M 10/07	§3.5	Implicit Diff'n and Diff'n of Inverse Functions, Problem 77(a)	
	T 10/08		Worksheet 13	B7
	W 10/09	§3.6	Derivatives of Logarithms and e as a Limit	B8
	R 10/10		Worksheet 14 & Quiz 5	
	F 10/11	Review		B9, WA4
Week 8	M 10/14	Review		
	T 10/15		Worksheet 15	
	T 10/15	Exam 02: 05:00–07:00 PM		
	W 10/16	§3.7	Rates of Change in Sciences (Focus on Ex 1,3,6,8)	
	R 10/17		Worksheet 16	
	F 10/18	§3.8	Exponential Growth and Decay	C1
Week 9	M 10/21	Fall Break		
	T 10/22	Fall Break		
	W 10/23	§3.9	Related Rates	
	R 10/24		Worksheet 17 & Quiz 6	C2
	F 10/25	§4.1	Maximum and Minimum Values	C3
Week 10	M 10/28	§4.2	The Mean Value Theorem	
	T 10/29		Worksheet 18	
	W 10/30	§4.3	How Derivatives Affect the Shape of the Graph	C4
	R 10/31		Worksheet 19 & Quiz 7	
	F 11/01	§4.4	l'Hospital's Rule (w/o differences and powers)	C5, WA5

Week 11	M 11/04	§4.7	Optimization Problems	
	T 11/05		Worksheet 20	
	W 11/06	§4.7	Optimization Problems	C6
	R 11/07		Worksheet 21 & Quiz 8	
	F 11/08	Review		C7, WA6
Week 12	M 11/11	Review		
	T 11/12		Worksheet 22	
	T 11/12	Exam 03: 05:00–07:00 PM		
	W 11/13	§4.9	Antiderivatives	
	R 11/14		Worksheet 23	D1
	F 11/15	§5.1	Areas and Distances	
Week 13	M 11/18	§5.2	The Definite Integral	
	T 11/19		Worksheet 24	D2
	W 11/20	§5.3	The Fundamental Theorem of Calculus, Part I	
	R 11/21		Worksheet 25 & Quiz 9	
	F 11/22	§5.3	The Fundamental Theorem of Calculus, Part II	D3
Week 14	M 11/25	§5.4	Indefinite Integrals and Net Change	D4
	T 11/26		Worksheet 26	
	W 11/27	**Thanksgiving Break**		
	R 11/28			
	F 11/29			
Week 15	M 12/02	§5.5	Method of Substitution	
	T 12/03		Worksheet 27	D5
	W 12/04	§3.10	Linear Approximation (without differentials)	
	R 12/05		Worksheet 28 & Quiz 10	
	F 12/06	Handout	Higher Order Approximation	D6
Week 16	M 12/09	Review		
	T 12/10		Worksheet 29	D7
	W 12/11	Review		
	R 12/12		Review	
	F 12/13	Review		
	W 12/18	**Final Exam 6:00–8:00 PM**		