

MA 113 Spring 2020 Calendar of Coverage

	Date	Section	Coverage	WeBWorK due
Week 1	W 01/15	§1.1–1.3, 1.5	Intro to MA 113 and Functions and inverse functions	
	R 01/16		Worksheet 1	
	F 01/17	§1.4–1.5	Exponential and logarithmic functions	
Week 2	M 01/20: Martin Luther King Day			
	T 01/21		Worksheet 2	
	W 01/22	Appendix D	Trig and inverse trig functions	A1
	R 01/23		Worksheet 3 & Quiz 1	
	F 01/24	§2.1	Tangent & Velocity Problems	A2, WA1
Week 3	M 01/27	§2.2	Limit of a Function	
	T 01/28		Worksheet 4	A3
	W 01/29	§2.3	Limit Laws	
	R 01/30		Worksheet 5 & Quiz 2	A4
	F 01/31	§2.5	Continuity	WA2
Week 4	M 02/03	§2.6	Limits at Infinity, Horizontal Asymptotes	
	T 02/04		Worksheet 6	A5
	W 02/05	§2.7	Derivatives (Tangents, Velocities, and Derivatives only)	
	R 02/06		Worksheet 7 & Quiz 3	A6
	F 02/07	Review		
Week 5	M 02/10	Review		A7
	T 02/11		Worksheet 8	
	T 02/11 Exam 01: 05:00–07:00 PM			
	W 02/12	§2.8	The Derivative as a Function	
	R 02/13		Worksheet 9	
	F 02/14	§3.1	Derivatives of Polynomials and Exponentials	B1
Week 6	M 02/17	§3.2	Product and Quotient Rules	
	T 02/18		Worksheet 10	
	W 02/19	§3.3	Derivatives of Trig Functions	B2
	R 02/20		Worksheet 11 & Quiz 4	
	F 02/21	§3.4	Chain Rule	B3, WA3
Week 7	M 02/24	§3.5	Implicit Diff'n and Diff'n of Inverse Functions, Problem 77(a)	
	T 02/25		Worksheet 12	B4
	W 02/26	§3.6	Derivatives of Logarithms and e as a Limit	B5
	R 02/27		Worksheet 13 & Quiz 5	
	F 02/28	§3.7	Rates of Change in Sciences (Focus on Ex 1,3,6,8)	B6, WA4
Week 8	M 03/02	§3.8	Exponential Growth and Decay	
	T 03/03		Worksheet 14	B7
	W 03/04	§3.9	Related Rates	B8
	R 03/05		Worksheet 15 & Quiz 6	
	F 03/06	Review		B9
Week 9	M 03/09	Review		
	T 03/10		Worksheet 16	
	T 03/10 Exam 02: 05:00–07:00 PM			
	W 03/11	§4.1	Maximum and Minimum Values	
	R 03/12		Worksheet 17	
	F 03/13	§4.2	The Mean Value Theorem	
Week 10	M 03/16 Spring Break			
	T 03/17 Spring Break			
	W 03/18 Spring Break			
	R 03/19 Spring Break			
	F 03/20 Spring Break			

Week 11	M 03/23	§4.3	How Derivatives Affect the Shape of a Graph	C1	
	T 03/24		Worksheet 18		
	W 03/25	§4.4	l'Hospital's Rule (without differences and powers)	C2	
	R 03/26		Worksheet 19 & Quiz 7		
	F 03/27		4.7 Optimization Problems	C3, WA5	
Week 12	M 03/30		4.7 Optimization Problems		
	T 03/31		Worksheet 20	C4	
	W 04/01	§4.9	Antiderivatives		
	R 04/02		Worksheet 21 & Quiz 8		
	F 04/03	§5.1	Areas and Distances	C5, WA6	
Week 13	M 04/06	§5.2	The Definite Integral		
	T 04/07		Worksheet 22	C6	
	W 04/08	§5.3	The Fundamental Theorem of Calculus, Part I		
	R 04/09		Worksheet 23 & Quiz 9	C7	
	F 04/10	Review		C8	
Week 14	M 04/13	Review			
	T 04/14		Worksheet 24		
	T 04/14	Exam 03: 05:00–07:00 PM			
	W 04/15	§5.3	The Fundamental Theorem of Calculus, Part II		
	R 04/16		Worksheet 25		
	F 04/17	§5.4	Indefinite Integrals and Net Change	D1	
Week 15	M 04/20	§5.5	Method of Substitution		
	T 04/21		Worksheet 26	D2	
	W 04/22	§3.10	Linear Approximation (without differentials)		
	R 04/23		Worksheet 27 & Quiz 10	D3	
	F 04/24	Handout	Higher Order Approximation		
Week 16	M 04/27	Review			
	T 04/28		Worksheet 28	D4	
	W 04/29	Review			
	R 04/30		Review		
	F 05/01	Review			
	T 05/05	Final Exam 6:00–8:00 PM			