

Course calendar	MA 113	Spring 2023	
Date	Section	Assignment	Notes
Mon, 9 Jan	§0.4 Functions		
Tue, 10 Jan	WS 0.4		
Wed, 11 Jan	§0.6 Inverse functions		
Thu, 12 Jan	WS0.6	Q0	Practice, not for credit
Fri, 13 Jan	§§1.1, 1.2 Tangent lines and velocity		
Fri, 13 Jan			Last day to add a class
Mon, 16 Jan			Martin Luther King Jr. Day
Tue, 17 Jan	WS1.1-2	WW0.4	
Wed, 18 Jan	§1.3 Limit of a function	WA1	WA1 Inverse functions, limits
Thu, 19 Jan	WS1.3	Q1	Q1 on §0.4
Fri, 20 Jan	§1.4 Limit Laws	WW0.6, WW1.1, 1.2	
Mon, 23 Jan	§1.5 Limits at infinity		
Tue, 24 Jan	WS1.4, WS1.5 (part 1)	WW1.3	
Wed, 25 Jan	§1.6 Continuity		
Thu, 26 Jan	WS1.5 (part 2), WS1.6	Q2	Q2 on §§1.1-3
Fri, 27 Jan	§2.1 Revisiting tangent lines, 2.2 Definition of derivative	WW1.4, WW1.5	
Fri, 27 Jan			Last day to drop without W
Mon, 30 Jan	§2.3 Interpretations of the derivative		
Tue, 31 Jan	WS2.1-2, WS2.3 (part 1)	WW1.6, WW2.1-2	
Wed, 1 Feb	§2.4 Arithmetic of derivatives	WA2	WA2 Definition of derivative
Thu, 2 Feb	WS2.3 (part 2), WS2.4	Q3	Q3 on §§1.4-6, 2.1-2
Fri, 3 Feb	Review	WW2.3	
Mon, 6 Feb	Review		
Tue, 7 Feb	WSR1		
Tue, 7 Feb	§§0.4, 0.6, 1.1-1.6, 2.1-2.3	Exam 1	5-7 pm
Wed, 8 Feb	§2.6 Using the arithmetic of derivatives		
Thu, 9 Feb	WS2.6		
Fri, 10 Feb	§2.7 Derivatives of Exponential functions	WW2.4	
Mon, 13 Feb	§2.8 Derivatives of trig functions		
Tue, 14 Feb	WS2.7, WS2.8 (part 1)	WW2.6	
Wed, 15 Feb	§2.9 The chain rule	WA3	
Thu, 16 Feb	WS2.8 (part 2), WS2.9	Q4	Q4 on §§2.4, 2.6
Fri, 17 Feb	§2.10 The natural logarithm	WW2.7, WW2.8	
Mon, 20 Feb	§2.11 Implicit differentiation		
Tue, 21 Feb	WS2.10, WS2.11 (part 1)	WW2.9	
Wed, 22 Feb	§2.12 Inverse trig functions		
Thu, 23 Feb	WS2.11 (part 2), WS2.12	Q5	Q5 on §§2.7-2.9
Fri, 24 Feb	§2.13 The mean value theorem	WW2.10, WW2.11	
Mon, 27 Feb	§2.14 Higher order derivatives		
Tue, 28 Feb	WS2.13, WS2.14	WW2.12, WW2.13	
Wed, 1 Mar	§3.1 Velocity and acceleration	WA4	

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Thu, 2 Mar	WS3.1	Q6	Q6 on §§2.10-2.13
Fri, 3 Mar	Review	WW2.14, WW3.1	
Mon, 6 Mar	Review		
Tue, 7 Mar	WSR2		
Tue, 7 Mar	§§2.4, 2.6-14, 3.1	Exam 2	5-7 pm
Wed, 8 Mar	§3.2 Related rates		
Thu, 9 Mar	WS3.2		
Fri, 10 Mar	§3.3 Exponential growth and decay	WW3.2	
Mon, 13 Mar			Spring break
Tue, 14 Mar			Spring break
Wed, 15 Mar			Spring break
Thu, 16 Mar			Spring break
Fri, 17 Mar			Spring break
Mon, 20 Mar	§3.6.1-2 Curve sketching, the first derivative		
Tue, 21 Mar	WS3.3, WS3.6.1-2 (part 1)	WW3.3	
Wed, 22 Mar	§3.6.3 Curve sketching-concavity	WA5	WA5 on inverse functions, growth
Thu, 23 Mar	WS3.6.1-2 (part 2), WS3.6.3	Q7	Q7 on §3.2
Fri, 24 Mar	§3.5.1-2 Max/mins	WW3.6.1-2, WW3.6.3	
Mon, 27 Mar	§3.5.3 Applied optimization		Last day to withdraw
Tue, 28 Mar	WS3.5.1-2, WS3.5.3	WW3.5.1-2, WW3.5.3	
Wed, 29 Mar	§§3.4.1-3.4.3 Linear and quadratic approximation	WA6	WA6: Optimization
Thu, 30 Mar	WS3.4	Q8	Q8 on §§3.3, 3.4.1-3
Fri, 31 Mar	§3.7 L'Hôpital	WW3.4.1-3	
Mon, 3 Apr	§4.1 Anti-derivatives		
Tue, 4 Apr	WS3.7, WS4.1	WW3.7, WW4.1	
Wed, 5 Apr	II-§1.1 Definition of the integral		Begin CLP2
Thu, 6 Apr	WSII-1.1	Q9	Q9 on §§3.5.1-3, 3.6.1-3
Fri, 7 Apr	Review		
Mon, 10 Apr	Review		
Mon, 11 Apr	WSR3		
Tue, 11 Apr	§§3.2-7, §§4.1	Exam 3	5-7 pm
Wed, 12 Apr	II-§1.2 Properties of the definite integral		
Thu, 13 Apr	WSII-§1.2		
Fri, 14 Apr	II-§1.3 The fundamental theorem of Calculus	WWII-1.1	
Mon, 17 Apr	II-§1.3 The fundamental theorem of Calculus		
Tue, 18 Apr	WSII-1.3	WWII-1.2	
Wed, 19 Apr	II-§1.4 Substitution		
Thu, 20 Apr	WSII-1.4	Q10	§§II-1.1-2
Fri, 21 Apr	II-§1.5 Area between curves	WWII-1.3, WWII-1.4	
Mon, 24 Apr	Review		Prep week begins
Tue, 25 Apr	WSII-1.5, WSR4	WWII-1.5	

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Wed, 26 Apr	Review		
Thu, 27 Apr	Reading day		No class
Fri, 28 Apr	Reading day		No class
Tue, 2 May	Cumulative final exam	Exam 4	6-8 pm