

Course calendar	MA 113	Spring 2025	
Date	Section	Assignment	Notes
Mon, 13 Jan	§0.4 Functions		
Tue, 14 Jan	WS 0.4		WS=Worksheet
Wed, 15 Jan	§0.6 Inverse functions		
Thu, 16 Jan	WS0.6	Q0	Practice, not for credit
Fri, 17 Jan	§§1.1, 1.2 Tangent lines and velocity		WA=Written Assignment
Fri, 17 Jan			Last day to add a class
Mon, 20 Jan			Martin Luther King Jr. Day
Tue, 21 Jan	WS1.1-2	WW0.4	WW=WeBWork
Wed, 22 Jan	§1.3 Limit of a function		
Thu, 23 Jan	WS1.3	Q1	Q1 on §0.4
Fri, 24 Jan	§1.4 Limit Laws	WW0.6, WW1.1, 1.2	
Mon, 27 Jan	§1.5 Limits at infinity	WA1	WA1 Inverse functions, limits
Tue, 28 Jan	WS1.4	WW1.3	
Wed, 29 Jan	§1.6 Continuity		
Thu, 30 Jan	WS1.5 (part 1, part 2)	Q2	Q2 on §§1.1-3
Fri, 31 Jan	§2.1 Revisiting tangent lines, 2.2 Defin	WW1.4, WW1.5	
Sun, 2 Feb			Last day to drop without W
Mon, 3 Feb	§2.3 Interpretations of the derivative		
Tue, 4 Feb	WS1.6, WS2.1-2	WW1.6, WW2.1-2	
Wed, 5 Feb	§2.4 Arithmetic of derivatives, §2.6 Usi	WA2	WA2 Definition of derivative
Thu, 6 Feb	WS2.3 (part 1, part 2)	Q3	Q3 on §§1.4-6, 2.1-2
Fri, 7 Feb	Review	WW2.3	
Mon, 10 Feb	Review		
Tue, 11 Feb	WSR1		
Tue, 11 Feb	§§0.4, 0.6, 1.1-1.6, 2.1-2.3	Exam 1	5-7 pm
Wed, 12 Feb	§2.7 Derivatives of Exponential functions		
Thu, 13 Feb	WS2.4-2.6		
Fri, 14 Feb	§2.8 Derivatives of trig functions	WW2.4-2.6	
Mon, 17 Feb	§2.9 The chain rule		
Tue, 18 Feb	WS2.7, WS2.8	WW2.7	

Wed, 19 Feb	§2.10 The natural logarithm	WA3	WA3 Differentiation rules
Thu, 20 Feb	WS2.9	Q4	Q4 on §§2.4,2.6
Fri, 21 Feb	§2.11 Implicit differentiation	WW2.8, WW2.9	
Mon, 24 Feb	§2.12 Inverse trig functions		
Tue, 25 Feb	WS2.10, WS2.11	WW2.10	
Wed, 26 Feb	§2.13 The mean value theorem		
Thu, 27 Feb	WS2.12	Q5	Q5 on §§2.7-2.9
Fri, 28 Feb	§2.14 Higher order derivatives	WW2.11, WW2.12	
Mon, 3 Mar	§3.1 Velocity and acceleration		
Tue, 4 Mar	WS2.13, WS2.14	WW2.13, WW2.14	
Wed, 5 Mar	§§3.4.1-3.4.3 Linear and quadratic app	WA4	WA4 Implicit Diff, MVT
Thu, 6 Mar	WS3.1	Q6	Q6 on §§2.10-2.13
Fri, 7 Mar	Review	WW3.1	
Mon, 10 Mar	Review		
Tue, 11 Mar	WSR2		
Tue, 11 Mar	§§2.4,2.6-14,3.1	Exam 2	5-7 pm
Wed, 12 Mar	§3.2 Related rates		
Thu, 13 Mar	WS3.4		
Fri, 14 Mar	§3.3 Exponential growth and decay	WW3.4.1-3	
Mon, 17 Mar			Spring break
Tue, 18 Mar			Spring break
Wed, 19 Mar			Spring break
Thu, 20 Mar			Spring break
Fri, 21 Mar			Spring break
Mon, 24 Mar	§3.5.1-2 Max/mins		
Tue, 25 Mar	WS3.2, WS3.3	WW3.2, WW3.3	
Wed, 26 Mar	§3.6.1-2 Curve sketching, the first derivative		
Thu, 27 Mar	WS3.5.1-2	Q7	Q7 on §3.2
Fri, 28 Mar	§3.6.3 Curve sketching-concavity	WW3.5.1-2	
Mon, 31 Mar	§3.5.3 Applied optimization		Last day to withdraw
Tue, 1 Apr	WS3.6.1-2, WS3.6.3	WW3.6.1-2, WW3.6.3	

Wed, 2 Apr	§3.7 L'Hôpital	WA5	WA5 on max/min, growth
Thu, 3 Apr	WS3.5.3	Q8	Q8 on §§3.3,3.4.1-3
Fri, 4 Apr	§4.1 Anti-derivatives	WW3.5.3	
Mon, 7 Apr	II-§1.1 Definition of the integral		
Tue, 8 Apr	WS3.7, WS4.1	WW3.7	
Wed, 9 Apr	II-§1.1 Definition of the integral	WA6	WA6: Optimization, Begin CLP2
Thu, 10 Apr	WSII-1.1	Q9	Q9 on §§3.5.1-3,3.6.1-3
Fri, 11 Apr	Review	WW4.1	
Mon, 14 Apr	Review		
Tue, 9 Apr	WSR3		
Tue, 15 Apr	§§3.2-7, §§4.1	Exam 3	5-7 pm
Wed, 16 Apr	II-§1.2 Properties of the definite integral		
Thu, 17 Apr	WSII-§1.2 (part 1, part 2)		
Fri, 18 Apr	II-§1.3 The fundamental theorem of Calculus	WWII-1.1, WWII-1.2	
Mon, 21 Apr	II-§1.3 The fundamental theorem of Calculus		
Tue, 22 Apr	WSII-1.3	WWII-1.3 (part 1)	
Wed, 23 Apr	II-§1.4 Substitution		
Thu, 24 Apr	WSII-1.4	Q10	§§II-1.1-2
Fri, 25 Apr	II-§1.5 Area between curves	WWII-1.3 (part 2), WWII-1.4	
Mon, 28 Apr	Review		Prep week begins
Tue, 29 Apr	WSII-1.5, WSR4	WWII-1.5	
Wed, 30 Apr	Review		
Thu, 1 May	Reading day		No class
Fri, 2 May	Reading day		No class
Tue, 6 May	Cumulative final exam	Exam 4	6-8 pm