

Course calendar	MA 113	Fall 2024	
Date	Section	Assignment	Notes
Mon, 26 Aug	<a href="#">§0.4 Functions</a>		
Tue, 27 Aug	WS 0.4		WS=Worksheet
Wed, 28 Aug	<a href="#">§0.6 Inverse functions</a>		
Thu, 29 Aug	WS0.6	Q0	Practice, not for credit
Fri, 30 Aug	<a href="#">§§1.1, 1.2 Tangent lines and velocity</a>		WA=Written Assignment
Fri, 30 Aug			Last day to add a class
Mon, 2 Sep			Labor Day
Tue, 3 Sep	WS1.1-2	WW0.4	WW=WeBWorK
Wed, 4 Sep	<a href="#">§1.3 Limit of a function</a>		
Thu, 5 Sep	WS1.3	Q1	Q1 on §0.4
Fri, 6 Sep	<a href="#">§1.4 Limit Laws</a>	WW0.6, WW1.1, 1.2	
Mon, 9 Sep	<a href="#">§1.5 Limits at infinity</a>		
Tue, 10 Sep	WS1.4, WS1.5 (part 1)	WW1.3	
Wed, 11 Sep	<a href="#">§1.6 Continuity</a>	WA1	WA1 Inverse functions, limits
Thu, 12 Sep	WS1.5 (part 2), WS1.6	Q2	Q2 on §§1.1-3
Fri, 13 Sep	<a href="#">§2.1 Revisiting tangent lines</a> , <a href="#">2.2 Definition of t</a>	WW1.4, WW1.5	
Sun, 15 Sep			Last day to drop without W
Mon, 16 Sep	<a href="#">§2.3 Interpretations of the derivative</a>		
Tue, 17 Sep	WS2.1-2, WS2.3 (part 1)	WW1.6, WW2.1-2	
Wed, 18 Sep	<a href="#">§2.4 Arithmetic of derivatives</a> , <a href="#">§2.6 Using the a</a>	WA2	WA2 Definition of derivative
Thu, 19 Sep	WS2.3 (part 2), WS2.4-2.6	Q3	Q3 on §§1.4-6, 2.1-2
Fri, 20 Sep	Review	WW2.3	
Mon, 23 Sep	Review		
Tue, 24 Sep	WSR1		
Tue, 24 Sep	§§0.4, 0.6, 1.1-1.6, 2.1-2.3	Exam 1	5-7 pm
Wed, 25 Sep	<a href="#">§2.7 Derivatives of Exponential functions</a>		
Thu, 26 Sep	WS2.7		
Fri, 27 Sep	<a href="#">§2.8 Derivatives of trig functions</a>	WW2.4-2.6	
Mon, 30 Sep	<a href="#">§2.9 The chain rule</a>		
Tue, 1 Oct	WS2.8, WS2.9	WW2.7	

Wed, 2 Oct	<a href="#">§2.10 The natural logarithm</a>	WA3	WA3 Differentiation rules
Thu, 3 Oct	WS2.10	Q4	Q4 on §§2.4,2.6
Fri, 4 Oct	<a href="#">§2.11 Implicit differentiation</a>	WW2.8, WW2.9	
Mon, 7 Oct	<a href="#">§2.12 Inverse trig functions</a>		
Tue, 8 Oct	WS2.11, WS2.12	WW2.10	
Wed, 9 Oct	<a href="#">§2.13 The mean value theorem</a>		
Thu, 10 Oct	WS2.13	Q5	Q5 on §§2.7-2.9
Fri, 11 Oct	<a href="#">§2.14 Higher order derivatives</a>	WW2.11, WW2.12	
Mon, 14 Oct	<a href="#">§3.1 Velocity and acceleration</a>		
Tue, 15 Oct	WS2.14, WS3.1	WW2.13, WW2.14	
Wed, 16 Oct	<a href="#">§§3.4.1-3.4.3 Linear and quadratic approximations</a>	WA4	WA4 Implicit Diff, MVT
Thu, 17 Oct	WS3.4	Q6	Q6 on §§2.10-2.13
Fri, 18 Oct	Review	WW3.1	
Mon, 21 Oct	Review		
Tue, 22 Oct	WSR2		
Tue, 22 Oct	§§2.4,2.6-14,3.1	Exam 2	5-7 pm
Wed, 23 Oct	<a href="#">§3.2 Related rates</a>		
Thu, 24 Oct	WS3.2		
Fri, 25 Oct	<a href="#">§3.3 Exponential growth and decay</a>	WW3.4.1-3	
Mon, 28 Oct			Fall break
Tue, 29 Oct			Fall break
Wed, 30 Oct	<a href="#">§3.5.1-2 Max/mins</a>		
Thu, 31 Oct	WS3.3, WS3.5.1-2	Q7	Q7 on §3.2
Fri, 1 Nov	<a href="#">§3.6.1-2 Curve sketching, the first derivative</a>	WW3.2, WW3.3	
Mon, 4 Nov	<a href="#">§3.6.3 Curve sketching-concavity</a>		
Tue, 5 Nov			Election Day
Wed, 6 Nov	<a href="#">§3.5.3 Applied optimization</a>	WA5	WA5 on max/min, growth
Thu, 7 Nov	WS3.6.1-2, WS3.6.3	Q8	Q8 on §§3.3,3.4.1-3
Fri, 8 Nov	<a href="#">§3.7 L'Hôpital</a>	WW3.5.1-2, WW3.6.1-2	
Mon, 11 Nov	<a href="#">§4.1 Anti-derivatives</a>		Last day to withdraw
Tue, 12 Nov	WS3.5.3, WS3.7	WW3.6.3, WW3.5.3	

Wed, 13 Nov	<a href="#">II-§1.1 Definition of the integral</a>	WA6	WA6: Optimization, Begin CLP2
Thu, 14 Nov	WS4.1, WSII-1.1	Q9	Q9 on §§3.5.1-3,3.6.1-3
Fri, 15 Nov	Review	WW3.7, WW4.1	
Mon, 18 Nov	Review		
Tue, 19 Nov	WSR3		
Tue, 19 Nov	§§3.2-7, §§4.1	Exam 3	5-7 pm
Wed, 20 Nov	<a href="#">II-§1.2 Properties of the definite integral</a>		
Thu, 21 Nov	WSII-§1.2 (part 1)		
Fri, 22 Nov	<a href="#">II-§1.2 Properties of the definite integral</a>	WWII-1.1	
Mon, 25 Nov	<a href="#">II-§1.3 The fundamental theorem of Calculus</a>		
Tue, 26 Nov	WSII-§1.2 (part 2)	WWII-1.2	
Wed, 27 Nov	Academic holiday		
Thu, 28 Nov	Academic holiday		Thanksgiving
Fri, 29 Nov	Academic holiday		
Mon, 2 Dec	<a href="#">II-§1.3 The fundamental theorem of Calculus</a>		
Tue, 3 Dec	WSII-1.3	WWII-1.3 (part 1)	
Wed, 4 Dec	<a href="#">II-§1.4 Substitution</a>		
Thu, 5 Dec	WSII-1.4	Q10	§§II-1.1-2
Fri, 6 Dec	<a href="#">II-§1.5 Area between curves</a>	WWII-1.3 (part 2), WWII-1.4	
Mon, 9 Dec	Review		Prep week begins
Tue, 10 Dec	WSII-1.5, WSR4	WWII-1.5	
Wed, 11 Dec	Review		
Thu, 12 Dec	Reading day		No class
Fri, 13 Dec	Reading day		No class
Tue, 17 Decemb	Cumulative final exam	Exam 4	6-8 pm