

Course calend	MA 113	Fall 2023	
Date	Section	Assignment	Notes
Mon, 21 Aug	§0.4 Functions		
Tue, 22 Aug	WS0.4		
Wed, 23 Aug	§0.6 Inverse functions		WS=Worksheet
Thu, 24 Aug	WS0.6	Quiz 0	Practice, not for credit
Fri, 25 Aug	§§1.1, 1.2 Tangent lines and velocity		Last day to add a class
Fri, 25 Aug	Last day to add a class		
Mon, 28 Aug	§1.3 Limit of a function		WW=WeBWork
Tue, 29 Aug	WS1.1-2,1.3	WW0.4	WA=Written Assignment
Wed, 30 Aug	§1.4 Limit Laws	WA1	WA1 Inverse functions, limits
Thu, 31 Aug	WS1.4	Quiz 1	Q1 on §0.4
Fri, 1 Sep	§1.5 Limits at infinity	WW06,WW1.1,1.2	
Mon, 4 Sep			Labor Day
Tue, 5 Sep	WS1.5	WW1.3	
Wed, 6 Sep	§1.6 Continuity		
Thu, 7 Sep	WS1.6	Quiz 2	Q2 on §§1.1-3
Fri, 8 Sep	§2.1 Revisiting tangent lines, 2.2 Definition o	WW1.4, WW1.5	
Sun, 10 Sep	Last day to drop without W		
Mon, 11 Sep	§2.3 Interpretations of the derivative		
Tue, 12 Sep	WS2.1-2,WS2.3 part 1	WW1.6, WW2.1-2	
Wed, 13 Sep	§2.4, 2.6 Arithmetic of derivatives	WA2	WA2 Definition of derivative
Thu, 14 Sep	WS2.3 part 2,WS2.4,2.6	Quiz 3	Q3 on §§1.4-6,2.1-2
Fri, 15 Sep	Review	WW2.3	
Mon, 18 Sep	Review		
Tue, 19 Sep	WSR1		
Tue, 19 Sep	§§0.4,0.6,1.1-1.6,2.1-2.3	Exam 1	5-7pm, Room TBA
Wed, 20 Sep	§2.7 Derivatives of Exponential functions		
Thu, 21 Sep	WS2.7		
Fri, 22 Sep	§2.8 Derivatives of trig functions	WW2.4,2.6	
Mon, 25 Sep	§2.9 The chain rule		
Tue, 26 Sep	WS 2.8,WS 2.9	WW2.7	
Wed, 27 Sep	§2.10 The natural logarithm	WA3	WA3 Differentiation rules
Thu, 28 Sep	WS2.10	Quiz 4	Q4 on §§2.4,2.6-7
Fri, 29 Sep	§2.11 Implicit differentiation	WW2.8,WW2.9	
Mon, 2 Oct	§2.12 Inverse trig functions		
Tue, 3 Oct	WS2.11,WS2.12	WW2.10	
Wed, 4 Oct	§2.13 The mean value theorem		
Thu, 5 Oct	WS2.13	Quiz 5	Q5 on §§2.8-2.10
Fri, 6 Oct	§2.14 Higher order derivatives	WW2.11,WW2.12	
Mon, 9 Oct	§3.1 Velocity and acceleration		
Tue, 10 Oct	WS2.14,WS3.1	WW2.13,WW2.14	
Wed, 11 Oct	§§3.4.1-3.4.3 Linear and quadratic approxim	WA4	WA4 Implicit diff, MVT

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Thu, 12 Oct	WS3.4.1-3	Quiz 6	Q6 on §§2.11-2.13
Fri, 13 Oct	Review	WW3.1,WW3.4.1-3	
Mon, 16 Oct	Review		
Tue, 17 Oct	WSR2		
Tue, 17 Oct	§§2.4,2.6-14,3.1,3.4.1-3	Exam 2	5-7pm room TBA
Wed, 18 Oct	§3.2 Related rates		
Thu, 19 Oct	WS3.2		
Fri, 20 Oct	§3.3 Exponential growth and decay		
Mon, 23 Oct			Fall break
Tue, 24 Oct			Fall break
Wed, 25 Oct	§3.5.1-2 Max/mins		
Thu, 26 Oct	WS3.3,WS3.5.1-2	Quiz 7	Q7 on §3.2
Fri, 27 Oct	§3.6.1-2 Curve sketching, the first derivative	WW3.2,WW3.3	
Mon, 30 Oct	§3.6.3 Curve sketching-concavity		
Tue, 31 Oct	WS3.6.1-2,WS3.6.3	WW3.5.1-2	
Wed, 1 Nov	§3.5.3 Applied optimization	WA5	WA5 on max/min, growth
Wed, 1 Nov	Last day to withdraw		
Thu, 2 Nov	WS3.5.3	Quiz 8	Q8 on §§3.3,3.5.1-2
Fri, 3 Nov	§3.7 L'Hôpital	WW3.6.1-2,WW3.6.3	
Mon, 6 Nov	§4.1 Anti-derivatives		
Tue, 7 Nov	WS3.7,WS4.1	WW3.5.3	
Wed, 8 Nov	II-§1.1 Definition of the integral	WA6	WA6: Optimization
Thu, 9 Nov	WSII-1.1	Quiz 9	Q9 on §§3.6.1-2,3.6.3
Fri, 10 Nov	Review	WW3.7,WW4.1	
Mon, 13 Nov	Review		
Tue, 14 Nov	WSR3		
Tue, 14 Nov	§§3.2,3.3,3.5-7,4.1	Exam 3	5-7pm, Room TBA
Wed, 15 Nov	II-§1.2 Properties of the definite integral		Begin CLP2
Thu, 16 Nov	WSII-§1.2		
Fri, 17 Nov	II-§1.2 Properties of the definite integral		
Mon, 20 Nov	II-§1.3 The fundamental theorem of Calculus		
Tue, 21 Nov	WSII-§1.3	WWII-1.1	
Wed, 22 Nov	Academic holiday		
Thu, 23 Nov	Academic holiday		Thanksgiving
Fri, 24 Nov	Academic holiday		
Mon, 27 Nov	II-§1.3 Fundamental theorem of Calculus		
Tue, 28 Nov	WSII-1.3	WWII-1.2	
Wed, 29 Nov	II-§1.4 Substituion		
Thu, 30 Nov	WSII-1.4	Quiz 10	§§II-1.1-2
Fri, 1 Dec	II-§1.5 Area between curves	WWII-1.3,WWII-1.4	
Mon, 4 Dec	Review		Prep week begins

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Tue, 5 Dec	WS1.5,WSR4		
Wed, 6 Dec	Review	WWII-1.5	
Thu, 7 Dec	Reading day		No class
Fri, 8 Dec	Reading day		No class
Tue, 12 Dec	Cumulative final exam	Exam 4	6-8pm, Room TBA