

Course calendar	MA 113	Fall 2022	
Date	Section	Assignment	Notes
Mon, 22 Aug	§0.4 Functions		
Tue, 23 Aug	WS 0.4		
Wed, 24 Aug	§0.6 Inverse functions		
Thu, 25 Aug	WS0.6	Q0	Practice, not for credit
Fri, 26 Aug	§§1.1, 1.2 Tangent lines and velocity		Last day to add a class
Mon, 29 Aug	§1.3 Limit of a function		Functions/inverse functions
Tue, 30 Aug	WS1.1-2,1.3	WW0.4	
Wed, 31 Aug	§1.4 Limit Laws	WA1	Tangent lines and velocity
Thu, 1 Sep	WS1.4	Q1	Q1 on §0.4
Fri, 2 Sep	§1.5 Limits at infinity	WW06,WW1.1,1.2	
Mon, 5 Sep			Labor Day
Tue, 6 Sep	WS1.5	WW1.3	
Wed, 7 Sep	§1.6 Continuity		§1.3,1.4
Thu, 8 Sep	WS1.6	Q2	Q2 on §§1.1-3
Fri, 9 Sep	§2.1 Revisiting tangent lines, 2.2 Definition of	WW1.4, WW1.5	Last day to drop without W
Mon, 12 Sep	§2.3 Interpretations of the derivative		
Tue, 13 Sep	WS2.1-2,WS2.3	WW1.6, WW2.1-2	
Wed, 14 Sep	§2.4 Arithmetic of derivatives	WA2	
Thu, 15 Sep	WS2.4	Q3	Q3 on §§1.4-6,2.1-2
Fri, 16 Sep	Review	WW2.3	
Mon, 19 Sep	Review		
Tue, 20 Sep	WSR1		
Tue, 20 Sep	§§0.4,0.6,1.1-1.6,2.1-2.3	Exam 1	5-7pm, Room TBA
Wed, 21 Sep	§2.6 Using the arithmetic of derivatives		
Thu, 22 Sep	WS2.6		
Fri, 23 Sep	§2.7 Derivatives of Exponential functions	WW2.4	
Mon, 26 Sep	§2.8 Derivatives of trig functions		
Tue, 27 Sep	WS2.7,WS2.8	WW2.6	
Wed, 28 Sep	§2.9 The chain rule	WA3	
Thu, 29 Sep	WS2.9	Q4	Q4 on §§2.4,2.6
Fri, 30 Sep	§2.10 The natural logarithm	WW2.7,WW2.8	
Mon, 3 Oct	§2.11 Implicit differentiation		
Tue, 4 Oct	WS2.10,WS2.11	WW2.9	
Wed, 5 Oct	§2.12 Inverse trig functions		
Thu, 6 Oct	WS2.12	Q5	Q5 on §§2.7-2.9
Fri, 7 Oct	§2.13 The mean value theorem	WW2.10,WW2.11	
Mon, 10 Oct	§2.14 Higher order derivatives		
Tue, 11 Oct	WS2.13,WS2.14	WW2.12,WW2.13	
Wed, 12 Oct	§3.1 Velocity and acceleration	WA4	
Thu, 13 Oct	WS3.1	Q6	Q6 on §§2.10-2.13
Fri, 14 Oct	Review	WW2.14,WW3.1	

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Mon, 17 Oct	Review		
Tue, 18 Oct	WSR2		
Tue, 18 Oct	§§2.4,2.6-14,3.1	Exam 2	5-7pm room TBA
Wed, 19 Oct	§3.2 Related rates		
Thu, 20 Oct	WS3.2		
Fri, 21 Oct	§3.3 Exponential growth and decay		
Mon, 24 Oct			Fall break
Tue, 25 Oct			Fall break
Wed, 26 Oct	§§3.4.1-3.4.3 Linear and quadratic approximations	WW3.2	
Thu, 27 Oct	WS3.3,WS3.4	Q7	Q7 on §3.2
Fri, 28 Oct	§3.5.1-2 Max/mins	WW3.3	
Mon, 31 Oct	§3.5.3 Applied optimization		
Tue, 1 Nov	WS3.5.1-2,WS3.5.3	WW3.4.1-3	
Wed, 2 Nov	§3.6.1-2 Curve sketching, the first derivative	WA5	Last day to withdraw
Thu, 3 Nov	WS3.6.1-2	Q8	Q8 on §§3.3,3.4.1-3
Fri, 4 Nov	§3.6.3 Curve sketching-concavity	WW3.5.1-2,WW3.5.3	
Mon, 7 Nov	§3.7 L'Hôpital		
Tue, 8 Nov	WS3.6.3,WS3.7	WW3.6.1-2,WW3.6.3	
Wed, 9 Nov	§4.1 Anti-derivatives	WA6	
Thu, 10 Nov	WS4.1	Q9	Q9 on §§3.5.1-3,3.6.1-3
Fri, 11 Nov	Review	WW3.7,WW4.1	
Mon, 14 Nov	Review		
Tue, 15 Nov	§§3.2-7,4.1	Exam 3	5-7pm, Room TBA
Wed, 16 Nov	II-§1.1 Definition of the integral		Begin CLP2
Thu, 17 Nov	WSII-1.1		
Fri, 18 Nov	II-§1.2 Properties of the definite integral		
Mon, 21 Nov	II-§1.3 The fundamental theorem of Calculus		
Tue, 22 Nov	WSII-§1.2	WWII-1.1	
Wed, 23 Nov	Academic holiday		
Thu, 24 Nov	Academic holiday		Thanksgiving
Fri, 25 Nov	Academic holiday		
Mon, 28 Nov	II-§1.3 Fundamental theorem of Calculus		
Tue, 29 Nov	WSII-1.3	WWII-1.2	
Wed, 30 Nov	II-§1.4 Substitution		
Thu, 1 Dec	WSII-1.4	Q10	§§II-1.1-2
Fri, 2 Dec	II-§1.5 Area between curves	WWII-1.3,WWII-1.4	
Mon, 5 Dec	Review		Prep week begins
Tue, 6 Dec	WS1.5		
Wed, 7 Dec	Review	WWII-1.5	
Thu, 8 Dec	Reading day		No class
Fri, 9 Dec	Reading day		No class

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Tue, 13 Dec	Cumulative final exam	Exam 4	6-8pm, Room TBA