

**MA 165 Assignment Sheet Spring 2025 PIN**  
**(Version: Jan. 8, 2025)**

Date	Day	Title	Section # Topics	Lesson#	due MLM HW, Quiz
Jan. 13	M	Lecture 1	1.3 Exponential and Logarithmic Functions	1	
Jan. 15	W	Lecture 2	1.4 Trigonometric Functions and Their Inverses	2	
			2.1, 2.2 Idea of limits, Definition of limits	3	
Jan. 17	F	Rec. 1	Quiz 1 covers Lessons 1, 2		Quiz 1 due Jan. 24
Jan. 20	M	×	No Lecture (MLK Day)	×	×
Jan. 22	W	Lecture 3	2.3 Computing the limits	4	HW Lessons 1,2,3
Jan. 24	F	Rec. 2	Quiz 2 covers Lessons 3,4		Quizzes 1 & 2
Jan. 27	M	Lecture 4	2.4, 2.5 Infinite limits, limits at infinity	5	HW Lesson 4
			2.6 Continuity	6	
Jan. 29	W	Lecture 5	3.1 Introducing the Derivative	7	HW Lessons 5, 6
			3.2 Derivative as a function	8	
Jan. 31	F	Rec. 3	Quiz 3 covers Lessons 5,6,7		HW Lesson 7, Quiz 3
Feb. 3	M	Lecture 6	3.3, 3.4 Rules of Differentiation	9	HW Lesson 8
Feb. 5	W	Lecture 7	3.5 Derivatives of Trigonometric Functions	10	HW Lesson 9
			3.6 Derivatives as Rate of Change	11	
Feb. 7	F	Rec. 4	Quiz 4 covers Lessons 8,9,10		HW Lesson 10, Quiz 4
Feb. 10	M	Lecture 8	3.7 Chain Rule	12	HW Lesson 11
Feb. 12	W	Lecture 9	Review for Exam 1	×	×
Feb. 14	F	Rec. 5	<b>Exam 1</b> covers Lessons 1-10		×
Feb. 17	M	Lecture 10	3.8 Implicit Differentiation	13	HW Lesson 12
			3.9 Derivatives of Logarithmic and Exponential Functions	14	
Feb. 19	W	Lecture 11	3.9 Derivatives of the Functions of the form $f(x)^{g(x)}$	15	HW Lesson 13
Feb. 21	F	Rec. 6	Quiz 5 covers Lessons 11, 12, 13		HW Lesson 14, Quiz 5
Feb. 24	M	Lecture 12	3.10 Derivatives of the Inverse Trigonometric Functions	16	HW Lesson 15
Feb. 26	W	Lecture 13	3.11 Related Rates, Part I & Part II	17,18	HW Lesson 16
Feb. 28	F	Rec. 7	Quiz 6 covers Lessons 14, 15, 16		HW Lesson 17, Quiz 6
Mar. 3	M	Lecture 14	4.1 Maxima & Minima	19	HW Lesson 18
			4.2 Mean Value Theorem	20	
Mar. 5	W	Lecture 15	4.3 What derivatives tell us Part I & II	21	HW Lesson 19
			1st Der. & 2nd Der. Test		
			Increase or Decrease, Concavity		
Mar. 7	F	Rec. 8	Quiz 7 covers Lessons 17,18,19		HW Lesson 20, Quiz 7
Mar. 10	M	Lecture 16	4.4 Graphing Functions	22	HW Lesson 21
Mar. 12	W	Lecture 17	Review for Exam 2	×	×
Mar. 14	F	Rec. 9	<b>Exam 2</b> covers 11-18		×
Mar. 17	M	×	Spring Break		×
Mar. 19	W	×	Spring Break		×
Mar. 21	F	×	Spring Break		×

## MA 165 Assignment Sheet Spring 2025 PIN (continued)

Date	Day	Title	Section # Topics	Lesson #	due MLM HW, Quiz
Mar. 24	M	Lecture 18	4.5 Optimization Problem, Part I & Part II	23, 24	HW Lesson 22
Mar. 26	W	Lecture 19	4.6 Linear Approximation and Differentials	25	HW Lesson 23
Mar. 28	F	Rec. 9	Quiz 8 covers Lessons 20, 21, 22		HW Lesson 24, Quiz 8
Mar. 31	M	Lecture 20	4.7 L'Hospital's Rule	26	HW Lesson 25
Apr. 2	W	Lecture 21	4.9 Antiderivative	27	HW Lesson 26
Apr. 4	F	Rec. 10	Quiz 9 covers Lessons 23, 24, 25, 26		HW Lessons 27, Quiz 9
Apr. 7	M	Lecture 22	5.1 Approximating the area under curves (Riemann Sum)	28	
			5.2 Definite Integrals	29	
Apr. 9	W	×	Review for Exam 3	×	×
Apr. 11	F	Rec. 11	<b>Exam 3</b> covers 19-26		×
Apr. 14	M	Lecture 23	5.3 Fundamental Theorem of Calculus	30	HW Lessons 28, 29
April 16	W	Lecture 24	5.4 Working with Integrals	31	HW Lesson 30
Apr. 18	F	Rec. 12	Quiz 10 covers Lessons 27, 28, 29, 30		HW Lesson 30, Quiz 10
April 21	M	Lecture 25	5.5 Substitution Rules	32	HW Lesson 31
Apr. 23	W	Lecture 24	7.2 Exponential Models	33	HW Lesson 32
Apr. 25	F	Rec. 13	Quiz 11 covers Lessons 31, 32, 33		Lesson 33, Quiz 11
Apr. 28	M	Lecture 26	Review for Final Exam	×	×
Apr. 30	W	Lecture 27	Review for Final Exam	×	×
May 2	F	Rec. 14	Review for Final Exam	×	×

**Final Exam Week May 5 - May 10**