

MA 165 Assignment Sheet

Fall 2022 (updated on Aug.3)

Date	Day	Lesson	Topics, Sections to Cover	Section #	due MLM HW
Aug.22	M	1	Exponential and Logarithmic Functions	1.3	due Thurs., Sept. 1
Aug.24	W	2	Trigonometric Functions and Their Inverses	1.4	
Aug.25	Th	Quiz 1	covers Lessons 1, 2		
Aug.26	F	3	Idea of limits, Definition of limits	2.1, 2.2	
Aug.29	M	4	Computing the limits	2.3	Lessons 1,2,3
Aug.31	W	5	Infinite limits, limits at infinity	2.4, 2.5	Lesson 4
Sept.1	Th	Quiz 2	covers Lessons 3,4,5		
Sept.2	F	6	Continuity	2.6	Lesson 5
Sept.5	M	×	Labor Day	×	×
Sept.7	W	7	Introducing the Derivative	3.1	Lesson 6
Sept.8	Th	Quiz 3	covers Lessons 6, 7		
Sept.9	F	8	Derivative as a function	3.2	Lesson 7
Sept.12	M	9	Rules of Differentiation	3.3, 3.4	Lesson 8
Sept.14	W	10	Derivatives of Trigonometric Functions	3.5	Lesson 9
Sept.15	Th	×	Go over Study Guide for Exam 1		
Sept.16	F	11	Derivatives as Rate of Change Chain Rule Part I	3.6, 3.7	Lesson 10
Sept.19	M	12	Chain Rule Part II	3.7	Lesson 11
Sept.21	W	×	Review for Exam 1	×	×
Sept.21	W	Exam 1	covers Lessons 1-9, 6:30 PM - 7:30 PM	×	×
Sept.22	Th	Quiz 4	covers Lessons 8, 9, 10		
Sept.23	F	×	No Classes	×	×
Sept.26	M	13	Implicit Differentiation	3.8	Lesson 12
Sept.28	W	14	Derivatives of Logarithmic and Exponential Functions	3.9	Lesson 13
Sept.29	Th	Quiz 5	covers Lessons 11, 12, 13		
Sept.30	F	15	Derivatives of the Functions of the form $f(x)^{g(x)}$	3.9	Lesson 14
Oct.3	M	16	Derivatives of the Inverse Trigonometric Functions	3.10	Lesson 15
Oct.5	W	17	Related Rates, Part I	3.11	Lesson 16
Oct.6	Th	Quiz 6	covers Lessons 14, 15, 16		
Oct.7	F	18	Related Rates, Part II	3.11	Lesson 17
Oct.10	M		October Break	×	×
Oct.12	W	19	Maxima & Minima	4.1	Lesson 18
Oct.13	Th	×	Go over Study Guide for Exam 2		
Oct.14	F	20	Mean Value Theorem What derivatives tell us Part I	4.2, 4.3	Lesson 19
Oct.17	F	21	What derivatives tell us Part II	4.3	Lesson 20
Oct.19	W	×	Review for Exam 2	×	×
Oct.19	W	Exam 2	covers Lessons 10-18, 6:30 PM - 7:30 PM	×	×
Oct.20	Th	Quiz 7	covers Lessons 17, 18, 19		
Oct.21	F	×	No Classes	×	×
Oct.24	M	22	Graphing Functions	4.4	Lesson 21
Oct.26	W	23	Optimization Problem, Part I	4.5	Lesson 22
Oct.27	Th	Quiz 8	covers Lessons 20, 21, 22		
Oct.28	W	24	Optimization Problem, Part II	4.5	Lesson 23

MA 165 Assignment Sheet Fall 2022 (continued)

Date	Day	Lesson	Topics, Sections to Cover	Section #	due MLM HW
Oct.31	M	25	Linear Approximation and Differentials	4.6	Lesson 24
Nov.2	W	26	L'Hospital's Rule	4.7	Lesson 25
Nov.3	Th	×	Go over Study Guide for Exam 3		
Nov.4	F	27	Antiderivatives	4.9	Lesson 26
Nov.7	M	×	Review for Exam 3	×	×
Nov.7	M	Exam 3	covers Lessons 19-27, 6:30 PM - 7:30 PM	×	×
Nov.9	W	28	Approximating the area under curves (Riemann Sum)	5.1	Lesson 27
Nov.10	Th	Quiz 9	covers Lessons 23, 24, 25, 26		
Nov.11	F	29	Definite Integrals	5.2	Lesson 28
Nov.14	M	30	Fundamental Theorem of Calculus	5.3	Lesson 29
Nov.16	W	31	Working with Integrals	5.4	Lesson 30
Nov.17	Th	Quiz 10	covers Lessons 27, 28, 29, 30		
Nov.18	F	×	No Classes	×	×
Nov.21	M	×	Thanksgiving Week	×	×
Nov.23	W	×	Thanksgiving Week	×	×
Nov.24	Th	×	Thanksgiving Week	×	×
Nov.25	F	×	Thanksgiving Week	×	×
Nov.28	M	32	Substitution Rules	5.5	Lesson 31
Nov.30	W	33	Exponential Models (Growth & Decay)	7.2	Lesson 32
Dec.1	Th	Quiz 11	covers Lessons 31, 32, 33		
Dec.2	F	×	Reading Day, No Classes	×	Lesson 33
Dec.5	M	×	Review for Final Exam	×	×
Dec.7	W	×	Review for Final Exam	×	×
Dec.8	Th	×	Review for Final Exam	×	×
Dec.9	F	×	Review for Final Exam	×	×