

MA 165 Assignment Sheet

Fall 2020

Date	Day	Lesson	Topics, Sections to Cover	Section #	due MLM HW
Aug.24	M	1	Exponential and Logarithmic Functions	1.3	
Aug.26	W	2	Trigonometric Functions and Their Inverses	1.4	
Aug.27	Th	Quiz 1	covers Lessons 1, 2		
Aug.28	F	3	Idea of limits, Definition of limits	2.1, 2.2	
Aug.31	M	4	Computing the limits	2.3	Lessons 1,2,3
Sept.2	W	5	Infinite limits, limits at infinity	2.4, 2.5	Lesson 4
Sept.3	Th	Quiz 2	covers Lessons 3,4,5		
Sept.4	F	6	Continuity	2.6	Lesson 5
Sept.7	M	×	Labor Day	×	×
Sept.9	W	7	Introducing the Derivative	3.1	Lesson 6
Sept.10	Th	Quiz 3	covers Lessons 6, 7		
Sept.11	F	8	Derivative as a function	3.2	Lesson 7
Sept.14	M	9	Rules of Differentiation	3.3, 3.4	Lesson 8
Sept.16	W	10	Derivatives of Trigonometric Functions	3.5	Lesson 9
Sept.17	Th	Quiz 4	covers Lessons 8, 9, 10		
Sept.18	F	11	Derivatives as Rate of Change Chain Rule Part I	3.6, 3.7	Lesson 10
Sept.21	M	×	Review for Exam 1	×	×
Sept.23	W	Exam 1	covers Lessons 1-9 (online)	×	×
Sept.24	Th	×	Go over Exam 1		
Sept.25	F	12	Chain Rule Part II	3.7	Lesson 11
Sept.28	M	13	Implicit Differentiation	3.8	Lesson 12
Sept.30	W	14	Derivatives of Logarithmic and Exponential Functions	3.9	Lesson 13
Oct.1	Th	Quiz 5	covers Lessons 11, 12, 13, 14		
Oct.2	F	15	Derivatives of the Functions of the form $f(x)^{g(x)}$	3.9	Lesson 14
Oct.5	M	16	Derivatives of the Inverse Trigonometric Functions	3.10	Lesson 15
Oct.7	W	17	Related Rates, Part I	3.11	Lesson 16
Oct.8	Th	Quiz 6	covers Lessons 15, 16, 17		
Oct.9	F	18	Related Rates, Part II	3.11	Lesson 17
Oct.12	M	19	Maxima & Minima	4.1	Lesson 18
Oct.14	W	20	Mean Value Theorem What derivatives tell us Part I	4.2, 4.3	Lesson 19
Oct.15	Th	Quiz 7	covers Lessons 18, 19, 20		
Oct.16	F	21	What derivatives tell us Part II	4.3	Lesson 20
Oct.19	M	×	Review for Exam 2	×	×
Oct.21	W	Exam 2	covers Lessons 10-18 (online)	×	×
Oct.22	Th	×	Go over Exam 2		
Oct.23	F	22	Graphing Functions	4.4	Lesson 21
Oct.26	M	23	Optimization Problem, Part I	4.5	Lesson 22
Oct.28	W	24	Optimization Problem, Part II	4.5	Lesson 23
Oct.29	Th	Quiz 8	covers Lessons 21, 22, 23, 24		
Oct.30	F	25	Linear Approximation and Differentials	4.6	Lesson 24

MA 165 Assignment Sheet Fall 2020 (continued)

Date	Day	Lesson	Topics, Sections to Cover	Section #	due MLM HW
Nov.2	M	26	L'Hospital's Rule	4.7	Lesson 25
Nov.4	W	27	Antiderivatives	4.9	Lesson 26
Nov.5	Th	Quiz 9	covers Lessons 25, 26, 27		
Nov.6	F	28	Approximating the area under curves (Riemann Sum)	5.1	Lesson 27
Nov.9	M	×	Review for Exam 3	×	×
Nov.11	W	Exam 3	covers Lessons 19-27 (online)	×	×
Nov.12	Th	×	Go over Exam 3		
Nov.13	F	29	Definite Integrals	5.2	Lesson 28
Nov.16	M	30	Fundamental Theorem of Calculus	5.3	Lesson 29
Nov.18	W	31	Working with Integrals	5.4	Lesson 30
Nov.19	Th	Quiz 10	covers Lessons 28, 29, 30, 31		
Nov.20	F	32	Substitution Rules	5.5	Lesson 31

End of the in-person classes

Date	Day	Lesson	Topics, Sections to Cover	Section #	due MLM HW
Nov.23	M	×	Thanksgiving Week	×	×
Nov.24	W	×	Thanksgiving Week	×	×
Nov.25	Th	×	Thanksgiving Week	×	×
Nov.26	F	×	Thanksgiving Week	×	×
Nov.30	M	33	Exponential Models (Growth & Decay)	7.2	Lesson 32
Dec.2	W		Review for the Final Exam	×	Lesson 33
Nov.12	Th	×	No Quiz		
Nov.13	F	×	Review for the Final Exam	×	×