

MTH 131 COURSE CALENDAR SPRING 2020

Below is an approximate timetable for the course. Your section may be slightly ahead or behind this schedule at any given time. Adjustments will be announced in class as needed.

Week of	Content	Suggested Problems
1/20	<i>Classes Begin Wednesday 1/22</i> Gateway Exam First Day of Class 1.1 What is a Function?	(1.1) 1,7,8,9,12,16,22,23,33
1/27	1.2 Linear Functions 1.3 Average Rate of Change 1.5 Exponential Functions	(1.2) 1-7 odd, 9-13,15,16,25,27,31 (1.3) 7-9,17-21 odd,27,31 (1.5) 1,4,6-9,11,15,17,20-23,25-35 odd
2/3	1.6 The Natural Logarithm 1.10 Periodic Functions 2.1 Instantaneous Rate of Change	(1.6) 1,7,11,15,16,19-23 odd,31,33,35,41-45 odd (1.10) 1,5,9,11,13,18,23,25,27,34,35 (2.1) 1,3-7,10-13,17,20,21,26,29,30,36
2/10	2.2 The Derivative Function Chapter 2 – Focus on Theory (Limits, Continuity, and the Definition of the Derivative)	(2.2) 1-9 odd,10,15,18-25,27 (Page 171) 1,4,10 (Page 172) 1,4,7,10,13,16,19,21,24,27,30,33,36,39,41
2/17	Chapter 2 – Focus on Theory (continued) 2.3 Interpretations of the Derivative 2.4 The Second Derivative	(2.3) 5,6,7,9,29,31,34,35 (2.4) 1,2,4,7,9,10-13,15,21,23,26
2/24	Exam 1 Wed. 2/26 6-7:30 P.M. in CBL 100 3.1 Derivative Formulas for Powers and Polynomials 3.2 Exponential and Logarithmic Functions	(3.1) 1-37 odd, 47,49,51,53,62 (3.2) 1-27 odd,37,41,45,47
3/2	3.3 The Chain Rule 3.4 The Product and Quotient Rules 3.5 The Derivatives of Periodic Functions	(3.3) 1-27,34,37,49 (3.4) 1,3-31,35 (3.5) 1-25 odd
3/9	<i>Spring Break</i>	

**REFER TO REMOTE
INSTRUCTION UPDATE
ON MAIN PAGE FOR UPDATED
COURSE CALENDAR FOR
REMAINDER OF SPRING 2020**