

Math M119 General Class Schedule and Suggested Textbook Problems

Textbook: *Calculus and Its Applications*, Bittinger, 12th edition, Pearson Custom Publishing

Day	Section	Practice Problems *
1	R.1 Graphs and Equations R.2 Functions and Models	R.1 1,5,9,11,13,19,24,31 R.2 25,33,35,37,39,41,43,48,49,75,77
2	R.3 Finding Domain and Range R.4 Slope and Linear Functions	R.3 1,7,11,15,17,26,27,57 R.4 3,5,9,11,13,15,20 24,27,37,41,59,61,65
3	R.5 Nonlinear Functions and Models	R.5 17,45-51 odd, 55-61 odd, 65,67,77
4	1.3 Average Rate of Change 1.4 Difference Quotients	1.3 21,23,30,33,47,51 1.4 3,11,18,43
5	1.5 Differentiation Techniques: Power Rule Quiz Chapter R online in MyLab Math Quiz Chapter R in class	1.5 7-21 odd, 27,33,35,39,48,49,50,51,52,58,60,62,65,70,76,79,91
6	1.6 Product and Quotient Rules	1.6 1,3,5,9,21,25,31
7	1.7 The Chain Rule	1.7 1,3,5,7,11,13,17,21,41,59,63
8	1.8 Higher Order Derivatives	1.8 1,3,5,7,9,13,17,19,35,38,39,47
9	Review	
10	Test 1 Chapter 1	
11	2.1 Exponential and Log Functions Base e	2.1 2,9,11,13,17,19,21,39,41,45,47,69,71
12	2.2 Derivatives of Exponential Functions 2.3 Derivatives of Natural Log Functions	2.2 1,3,5,7,11,13,18,36,51,66 2.3 1,3,7,13,17,29
13	2.4 Applications: Exponential Growth 2.5 Applications: Exponential Decay	2.4 7,9,13,15,19 2.5 1,23,25,27,35,37,39
14	Review	
15	Test 2 Chapters 2 and 1	
16	3.1 First Derivatives/Max & Min Values	3.1 9,11,17,19,36,39,41,47
17	3.2 Second Derivatives/ Inflection Points	3.2 1,13,19,21,30,33,35
18	3.4 Absolute Maximum and Minimum Values	3.4 1,3,7,9,13,16,49
19	3.5 Applications to Business/Economics	3.5 1,5,15,25,27,31,34,36,39
20	3.6 Marginals and Wrap-up	3.6 26,27,29,32,35
21	Review	
22	Test 3 Chapters 3,2,1	
23	4.1 Antidifferentiation Finding a Particular Antiderivative Total Cost from Marginal Cost	4.1 1,3,7,9,11,15,17,19,21,25,27,31,47,49,55,60
24	4.2 Antiderivatives as Area	4.2 1,5,19,21
25	4.3 Area and Definite Integrals/ FTC	4.3 1,3,5,7,9,11,13,29,31,37,39,41,43,45,63,73,75
26	Review	
27	Test 4 Chapters 4,3	
28	5.2 Present and Future Values	5.2 1,3,5,9,13,20
29	Final Exam Review	
30	Final Exam Chapters 1,2,3,4,5.2	

* Similar problems will be included in MyLab Math online homework assignments.