

Math 1483 - Functions and Modeling

Fall 2020 - Schedule

updated November 28, 2020 at 18:36

Class	Day	Section	Title	Problems
1	2020.08.18	P	Prologue: Calculator Arithmetic	2, 3, 6, 8, 9, 18
2	2020.08.20	1.1	Functions Given by Formulas	2, 3, 4, 7, 9, 11, 12
3	2020.08.25	1.2	Functions Given by Tables	1, 4, 7, 9, 10, 12, 13, 18
4	2020.08.27		Functions Given by Tables (cont...)	
		1.3	Functions Given by Graphs	3, 4, 9, 10, 13, 17, S3
5	2020.09.01		Functions Given by Graphs (cont...)	
6	2020.09.03	1.4	Functions Given by Words	3, 5, 8, 11, 19, S2, S4
7	2020.09.10		Review for Exam 1	
8	2020.09.15		Exam 1	
9	2020.09.17	2.1	Tables and Trends	3, 5, 9, 13, 20, 23, S5
10	2020.09.22	2.2	Graphs	5, 6, 8, 12
11	2020.09.24	2.3	Solving Linear Equations	2, 5, 7, 8, 9, 19, S3
12	2020.09.29	2.4	Solving Nonlinear Equations	2, 3, 4, 7, 21
13	2020.10.01	2.5	Inequalities	4, 6, 8, 9, 11, 12
14	2020.10.06	2.6	Optimization	4, 6, 8, 9, 12
15	2020.10.08		Review for Exam 2	
16	2020.10.13		Exam 2	
17	2020.10.14		Exam 2 Discussion	
18	2020.10.20	3.1	The Geometry of Lines	1, 3, 4, 6, 9, 12, 14, 20
19	2020.10.22	3.2	Linear Functions	1, 3, 6, 7, 9, 20, 21
20	2020.10.27	3.3	Modeling Data with Linear Functions	6, 7, 10, 12, 16, 17, 19
21	2020.10.29		Introduction to <i>Mathematica</i>	
22	2020.11.03		Introduction to <i>Mathematica</i> (cont...)	
23	2020.11.05	3.4	Linear Regression	1, 2, 6, 8, 9, 10, 13, 18
24	2020.11.10	3.5	Systems of Equations	4, 6, 7, 11a, 12, S3, S6
25	2020.11.12	5.5	Quadratic Functions	2, 4, 5, 6, 8, 10, 11, 15
26	2020.11.17		Exam 3	
27	2020.11.19	4.1	Exponential Growth and Decay	
28	2020.12.01	4.2	Constant Percentage Change	
		4.3	Modeling Exponential Data	
		4.4	Modeling Nearly Exponential Data	
		5.4	Combining and Decomposing Functions	
	2020.12.10		Exam 4 (Final Exam, from 11:00-13:00)	