

MATH 2214 ASSIGNMENT SHEET

TEXTBOOK: Elementary Differential Equations, by W. Kohler and L. Johnson

It is recommended that graphical and numerical problems are solved using "Matlab for 2214," available from the course web site. Note that all problem numbers apply to the second edition.

	Section	Suggested Homework Problems
Chapter 1 (2 lessons)	1.2	4,9,15,16,17,19,23
	1.3	1,2,4,14-19
Chapter 2 (8 lessons)	2.1	1-10,13,14,15
	2.2	1,4,6,12,15,18,19,21,26,28,29,32,36,40
	2.3	1,4,11,13,14
	2.4	8,13,15
	2.5	5,6,8,11
	2.6	2,5,9,15,27,30
	2.9	1,2,4,11,12
	2.10	1,2,3,12
Chapter 3 (11 lessons)	3.1	3,11,13
	3.2	2,4,10,15,16,19
	3.3	2,7,13,18
	3.4	2,6,9
	3.5	1,5,6,12,22,26
	3.6	2,8,12
	3.7	1,6,10
	3.8	1,3,4,5,14,19,41
	3.9	1,2,3,9,16
	3.10	1,4,7,13
	3.11	3,7,18,20
	3.12	1,2,5,8,17
Chapter 4 (12 lessons)	4.1	6,8,14,15,19
	4.2	4,9,12,13,16,18
	4.3	5,18,22,29,31
	4.4	1,8,11,17,21,23,25
	4.5	3,8,13,17,19,20
	4.6	1,9,11,12,15,17,25
	4.7	3,4,16,17,23
	4.8	2,5,19,30
	4.9	1,3,6
	4.10	4,8,14,22 (only for the special case $\lambda=0$)

Chapter 6	6.2	4,7,16,24-27,30
(6 lessons)	6.4	1,2,9,10,21,22
	6.5	1,6,12,18
	6.6	1-5,21,22,25

This course duplicates Math 2216,2514,4544.

Prerequisites Math 1114 and 1206