

SYLLABUS & HOMEWORK II
MATH 231 SECTION 005, SPRING 2010

DAILY COVERAGE AND HOMEWORK

Lesson	Topic(s)	Section(s)	Page / Homework
10	Exam 1 - Tuesday 2/16		
11	oscillator, homog lin eqns	4.1 & 4.2	168 / 1-4,6,7,9 176 / 1,3,5,7,9,11,13,15,19,21-23,26
12	homog linear eqns	4.2	176 / 27-29, 31,33,34,35ac,39,41,43
13	aux eqns, undetermined coeffs	4.3 & 4.4	186 / 1,3,5,9,11-13,21,25,27,31ab,34,35 195 / 1,3,5,9-13,15,17,18,27,29,33,34
14	superposition	4.5	201 / 1,3-5,7,9,11,13,17-20,23,24
15	superposition, var of param	4.5 & 4.6	201 / 23,26,28,29,31-34,37,38,43 206 / 1-5,10,18,20,21
Spring Break, March 8-12			
16	variable-coeffs	4.7	214 / 1,5,6,9,13,15,19,25,26,30,31,35, 27-39,42,45,47
17	qualit consider, closer look	4.8 & 4.9	227 / 1,5,6,8,9,17 238 / 1,3,5,7
18	closer look	4.10	246 / 3,9,10,13
19	Review		
20	Exam 2 - Tuesday 3/30		