

M 274 Summer 2018 Tentative Schedule

Monday 14	Tuesday 15	Wednesday 16	Thursday 17
What is an ODE? 1.1 / 1.2	Separable Eqns 2.2	Substitutions 2.6 Mixing 3.2	2nd Order Homogeneous 4.2 / 4.3
Graphical Understanding 1.3, Phase Line	Quiz 1 [Ch 1] 1st Order Linear 2.3	Quiz 2 [2.2,2.3] Complex Arithmetic	Quiz 3 [2.6,3.2,C] More 2nd Order and Review

Monday 21	Tuesday 22	Wednesday 23	Thursday 24
EXAM 1	\mathbb{C} MUCs Variation of Param 4.6	Mass-Spring 4.9 and catch up	Inverse $\mathcal{L}\{\}$ 7.4 Solving IVPs 7.5
MUCs 4.4 / 4.5	Quiz 4 [4.4,4.5] Using Formulas 4.6 / 4.7	Quiz 5 [4.6,4.7] Laplace Transform 7.2 Properties of 7.3	Quiz 6 [4.9,7.2,7.3] Solving IVPs 7.5 and Review

Tuesday 29	Wednesday 30	Thursday 31	Friday 1
EXAM 2	Periodic 7.7 Convolutions 7.8	More Delta 7.9	Intro to Matrices 9.1 / 9.2
Transforms of Discontinuous 7.6	Quiz 7 [7.6] Convolutions 7.8 Delta 7.9	Quiz 8 [7.7,7.8] Intro to systems via substitution 5.1	Quiz 9 [7.9] Mechanics of Matrices 9.3 and Review

Monday 4	Tuesday 5	Wednesday 6	Thursday 7
EXAM 3	Real eigenvalues 9.5	Some combination of 9.7 and 9.8	Review
Linear Systems 9.4	Quiz 10 [9.4] Complex eigenvalues 9.6	Quiz 11 [9.5,9.6] Phase Plane 5.4	Final Exam