

DiffEq Chapter 8 Calendar, Mr. Felling, 2024-2025

Date: Schedule: Homework:

WEEK 33

M 4/14 8.1: Systems of DEs, introduction

<<10/12 ACT Aspire – late start Tues/Thurs and lose class on one of these days>>

T 4/15 8.2 day 1: Eigenvalues, Eigenvectors, DE system solutions

W 4/16 8.2 day 2: Repeated Eigenvalues

Th 4/17 lose one day

F 4/18 8.2 day 3: Complex Eigenvalues, Install OCTAVE

WEEK 34

M 4/21 8.2 day 4: Phase Portraits / HW questions

T 4/22 8.3 day 1: Non-homogeneous systems (undetermined coefficients)

W 4/23 review day

Th 4/24 8.3 day 2: Non-homogeneous systems (variation of parameters)

F 4/25 review day

WEEK 35

M 4/28 8.3 day 3: Non-homogeneous systems w/initial conditions

T 4/29 8.3 day 4: Higher-order DEs as systems of First-order DEs

W 4/30 Ch8 Test Review

Th 5/1 Ch8 Test Review

F 5/2 (assembly) Ch8 Test Review

WEEK 36

M 5/5 Ch8 Test Review

T 5/6 **Ch8 test**