

## DiffEq Chapter 8 Calendar, Mr. Felling, 2023-2024

Date:      Schedule:      Homework:

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WEEK 33

M 4/8 Ch7 test review

T 4/9 **Ch7 test**

W 4/10 Work on MATLAB online course <<Juniors take ACT – other digital learning day>>

Th 4/11 8.1: Systems of DEs, introduction

F 4/12 Install OCTAVE, review 8.1 as needed

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WEEK 34

M 4/15 8.2 day 1: Eigenvalues, Eigenvectors, DE system solutions  
Or shift if losing this day

T 4/16 <<10/12 ACT Aspire – late start every period loses one of these days>>  
8.2 day 2: Repeated Eigenvalues

W 4/17 8.2 day 3: Complex Eigenvalues

Th 4/18 <<10/12 ACT Aspire – late start every period loses one of these days>>  
(no class)

F 4/19 8.2 day 4: Phase Portraits / HW questions

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WEEK 35

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

T 4/23 8.3 day 2: Non-homogeneous systems (variation of parameters)

W 4/24 8.3 day 3: Non-homogeneous systems w/initial conditions

Th 4/25 8.3 day 4: Higher-order DEs as systems of First-order DEs

F 4/26 Ch8 Test Review

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WEEK 36

M 4/29 Ch8 Test Review

T 4/30 **Ch8 test**