

DiffEq Chapter 8 Calendar, Mr. Felling, 2025-2026

Week 33	
M 4/13	review
T 4/14	** Ch7 test **
	<<Freshman testing – lose either Wed or Thurs>>
W 4/15 (54 minutes)	8.1: Systems of DEs, introduction
Th 4/16 (no morning classes)	Lose this day
F 4/17	Install OCTAVE, look at online MATLAB course, test makeups
Week 34	
M 4/20	8.2 day 1: Eigenvalues, Eigenvectors, DE system solutions
T 4/21	8.2 day 2: Repeated Eigenvalues
W 4/22	8.2 day 3: Complex Eigenvalues
Th 4/23	8.2 day 4: Phase Portraits
F 4/24	review
Week 35	
M 4/27	8.3 day 1: Non-homogeneous systems (undetermined coefficients)
T 4/28	8.3 day 2: Non-homogeneous systems (variation of parameters)
W 4/29	8.3 day 3: Non-homogeneous systems w/initial conditions
Th 4/30	review
F 5/1	8.3 day 4: Higher-order DEs as systems of First-order DEs
Week 36	
M 5/4	review
T 5/5	review
W 5/6	review
Th 5/7	Ch8 test
F 5/8	Start OCTAVE – go through 1 st steps with them, then turn them loose (handout packet and Mayfair when they are finished and turn in)