	Topic(s) covered and relevant readings	HW due and additional information
WEEK 11: MARCH 30–APRIL 3		
MONDAY	Section 8.7 (Stewart): Taylor Series	EWA 8.5 (Power series) due
TUESDAY	DIY Project: Functions and Graphing with Sage	
WEDNESDAY	Section 8.7 (Stewart): Taylor Series Continued	EWA 8.6 (Power series rep. of functions) due
THURSDAY	DIY Project: Sage and Water Density	
FRIDAY	Section 8.7 (Stewart): Taylor Series Continued	EWA 8.7 (Taylor series, part 1) due
WEEK 12: APRIL 6–APRIL 10		
MONDAY	Section 8.7 (Stewart): Taylor Series Continued	Take-home Exam, first draft and EWA 8.7 (Taylor series, part 2) due
TUESDAY	DIY Project: Sage Loops and Fibonacci Numbers	
WEDNESDAY	Digression: Fibonacci Numbers and the Golden Ratio	EWA 8.7-8.8 (Taylor series remainder est.) due
THURSDAY	DIY Project: More Fibonacci and the Golden Ratio	
FRIDAY	In-Class Simulation: The Spread of Disease	
WEEK 13: APRIL 13–APRIL 17		
MONDAY	Section 1.2 (CiC): The Spread of Disease: The SIR Model	
TUESDAY	DIY Project: Work on Take-home Exam	Written HW assignment #9 due
WEDNESDAY	Section 1.3 (CiC): Prediction Using SIR	
THURSDAY	DIY Project: More Work on Take-home Exam	
FRIDAY	Section 1.3 (CiC): Prediction using SIR (continued)	Take-home Exam, final version due
WEEK 14: APRIL 20–APRIL 24		
MONDAY	In-class activity: SIR and Euler's Method	
TUESDAY	DIY Project: Warm-up for Term Project	
WEDNESDAY	In-class activity: more on SIR	
THURSDAY	Modeling with Differential Equations (details TBD)	Written HW assignment #10 due
FRIDAY	Modeling with Differential Equations (details TBD)	
WEEK 15: APRIL 27–MAY 1		
MONDAY	Modeling with Differential Equations (details TBD)	
TUESDAY	Modeling with Differential Equations (details TBD)	
WEDNESDAY	Modeling with Differential Equations (details TBD)	
THURSDAY	TO BE DETERMINED	Written HW assignment #11 due
FRIDAY	TO BE DETERMINED	Term Project Due
FINAL EXAM MONDAY, MAY 4, 10:30 AM—1 PM		