Weekly Calendar (Subject to Change)

All quizzes are open book, and they are available on either Monday or Wednesday, as specified in this calendar on Blackboard, from 12:00 AM to 11:59 PM (MST), for you to open and post the pdf file of your solution on Blackboard. Once you open the quiz, you have exactly one hour to complete it and post the pdf file of your solution on Blackboard. If not, the corresponding grade will be counted as zero. No exception or excuse to this rule will be accepted.
No late work will be accepted.

Important Note: E-mail submissions are not accepted. Any issue with Blackboard should be reported and resolved through the UTEP Technology Support. This is completely out of the instructor's hands.

The following link also contains interesting videos that may help you in better understanding of the course material:

https://ocw.mit.edu/resources/res-18-009-learn-differential-equations-up-close-with-gilbert-strang-and-cleve-moler-fall-2015/differential-equations-and-linear-algebra/

Although this is an Asynchronous online class, I will hold office hours in my office in Bell Hall 327

On Mondays and Wednesdays, from 3:00 to 4:00 PM for students who may have questions about the course material, HW problems, or any other problems with the course.

Students who need more extensive tutoring, are strongly advised to contact the Math Tutoring Center (MaRCS) in the library.

	Topic	Readings Due	Assignments Due	Notes
Week 1 1/18-1/23	Class introduction, syllabus, sections 1.1and 1.2	Review syllabus, Read sections 1.1 and 1.2	*Syllabus Quiz #0 due Wed. 1/19	Watch the videos on Introduction. Watch the videos on First Order equations for the Logistic equation and for Separable equations.

Week 2 1/24-1/30	Sections 1.3 and 1.4	Read Sections 1.3 and 1.4	Quiz #1 on section 1.1 due on Monday, 1/24 Quiz #2 On section 1.2 due on Wed.1/26	
Week 3 1/31-2/6	Sections 1.5 and 1.6	Read Sections 1.5 and 1.6	Quiz #3 on section 1.3 due on Wed. 2/2 No quiz on section 1.4	Wed. 2/2 is the Census day (last day to drop without "W"
Week 4 2/7-2/13	Section 1.7	Read section 1.7	Quiz #4 On section 1.5 Due on Monday, 2/7 Quiz #5 On section 1.6 due On Wed 2/9	Watch the videos on Graphical and Numerical Methods for "Pictures of solutions" and for "Phase Plane Pictures: Source, Sink, Saddle". Watch the videos on First Order equations for "Integrating factors for Constant rate and for a varying rate".
Week 5 2/14-2/20	Sections 1.8 And 1.9	Read sections 1.8 and 1.9	Quiz #6 On section 1.7 due on Monday, 2/14	
Week 6 2/21-2/27	Sections 2.1 and 2.2	Read sections 2.1 and 2.2	Quiz #7 on sections 1.8 and 1.9 (combined) due on Monday, 2/21	
Week 7 2/28-3/6	Section 2.4	Read Section 2.4	Quiz #8 on section 2.1 due on Monday, 2/28. Quiz #9 on section 2.2 due on Wed. 3/2.	
Week 8 3/7-3/13	Sections 2.5 and 2.6	Read sections 2.5 and 2.6	Quiz #10 on section 2.4 due on Monday, 3/7.	

Week 9 3/14-3/20	Spring Break (No Classes)			
Week 10 3/21-3/27	Section 3.1	Read section 3.1	No quiz on section 2.5. Quiz #11 on section 2.6 due on Wed. 3/23.	Watch the videos on Second Order Equations for "Second Order Equations and for Unforced Damped Motion". Watch the first 3 videos in Vector spaces and subspaces. Watch the video on Eigenvalues and Eigenvectors. Watch the videos on Second order equations for "Second Order Equations with Damping and Electrical Networks: Voltages and Currents And Method of Undetermined Coefficients". Watch the video on Graphical and Numerical Methods for "Phase Plane Pictures: Spirals and Centers".
Week 11 3/28-4/3	Sections 3.2 and 3.3	Read sections 3.2 and 3.3		Friday, 4/1 is the last day to drop with an automatic "W".
Week 12 4/4-4/10	Section 3.4	Read section 3.4	Quiz #12 on sections 3.1, 3.2 and 3.3 combined, due on Wed. 4/6.	

Week 13 4/11-4/17	Sections 3.5 and 3.6	Read sections 3.5 and 3.6	Quiz #13 on section 3.4 due on Monday, 4/11	
Week 14 4/18-4/24	Sections 6.1 and 6.2	Read sections 6.1 and 6.2	Quiz #14 on section 3.5 due on Monday, 4/18.	Watch the video on Second Order Equations for "Laplace Transform: First Order Equation". Watch the video on Second Order Equations for "Laplace Transform: Second Order Equation".
Week 15 4/25-5/1	Sections 6.3 and 5.1	Read sections 6.3 and 5.1	Quiz #15 on sections 6.1 and 6.2 combined, due on Wed. 4/27.	For Quiz #15, use the Table of Laplace Transforms.
Week 16 5/2-5/8	Section 5.2	Read section 5.2	Quiz #16 on sections 3.6 and 6.3 combined, due on Monday, 5/2.	For Quiz #16, use the Table of Laplace Transforms.
5/9-5/15	Final Exam Week	No final exam for this course according to the syllabus.	No final exam for this course according to the syllabus.	