Weekly Calendar (Subject to Change)

All quizzes are open book, and they are available on the appropriate dates 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/

	Topic	Readings Due	Assignments Due	Notes
Week 1 7/6-7/11	Class introduction, syllabus, sections 1.1-1.7	Review syllabus, Read sections 1.1 - 1.7	*Syllabus Quiz#0 due Wed.7/7 Quiz #1 on 1.1 due Wed. 7/7 Quiz #2 on 1.2 due Thu. 7/8 Quiz #3 on 1.3 due Fri. 7/9	Please note that on Wed. 7/7, you have 2 quizzes #0 and #1 To post on Blackboard. Thu. 7/8 is the Census day (last day to drop without "W" Watch the videos on Introduction. Watch the videos on First Order equations for the Logistic equation and for Separable equations.

Week 2 7/12-7/18	Sections 1.8-1.9, and 2.1-2.2, and 2.4-2.6	Read Sections 1.8-1.9, and 2.1-2.2, and 2.4-2.6	Quiz #4 on 1.5 due on Monday, 7/12 Quiz #5 on 1.6 due on Tue. 7/13 Quiz #6 on 1.7 due on Wed. 7/14 Quiz #7 on 1.8 and 1.9 due on Thu. 7/15 Quiz #8 on 2.1 due on Fri. 7/16	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 3 7/19-7/25	Sections 3.1 -3.5	Read Sections 3.1 - 3.5	Quiz #9 on 2.2 due on Monday, 7/19 Quiz #10 on 2.4 due on Tue. 7/20 Quiz #11 on 2.6 due on Wed. 7/21 Quiz #12 on 3.1-3.3 due on Fri. 7/23	Friday, 7/23 is the last day to drop with an automatic "W". 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 4 7/26-8/1	Sections 3.6 and 6.1-6.3	Read sections 3.6 and 6.1-6.3	Quiz #13 on 3.4 due on Monday, 7/26 Quiz #14 on 3.5 due on Tue. 7/27 Quiz #15 on 6.1 and 6.2 due on Wed. 7/28 Quiz #16 on 3.6 and 6.3 due on Fri. 7/30	For Quizzes #15 and 16, use the Table of Laplace Transforms. 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".
8/2-8/3	Final Exams for Summer 2 classes	No Final Exam for this course according to the syllabus	No Final Exam for this course according to the syllabus	