Assignment Problems for ECE 207 - Fall 2021

1. All assignment problems are from the course textbook "Linear Systems and Signals" 3rd edition by B. P. Lathi and R. Green. Ignore using MATLAB to solve a problem when asked to do so; instead solve by hand.
2. For each assignment, you are expected to submit the **Required Problems**, only. Do not submit the **Practice Problems**. However, it is important you solve the practice problems on your own for after exam happiness.
3. Submit your assignment in the dropbox on UW-Learn using **one file only** in **PDF format**. Make sure your submitted file is **legible** and can be opened correctly on UW-Learn.
4. Assignment submission opens about 5-6 days before the due date and closes at 9:00 PM on the day of the due date. Sorry, late submission or sending your file by email will not be acceptable.
5. Each assignment will be marked out of 10 points, as follows: 5 points for the marking of one problem, chosen randomly by the instructor, and 5 points for the existence of attempted solutions of 5 or more problems.

Assignment	Required Problems	Practice Problems	Due Date
1	B.1-5, B.1-15, B.2-1, B.3-2, B.4-2, 1.1-2, 1.1-4, 3.1-2	B.1-9, B.1-16, B.1-24, B.3-4, 1.1-3, 1.1-6, 1.1-9, 3.1-1, 3.1-3, 3.1-6	Tuesday Sep 14
2	1.2-2, 1.3-5, 1.4-5, 1.4-8, 1.5-5, 3.2-3, 3.3-1,	1.2-3, 1.2-7, 1.3-4, 1.4-2, 1.4-6, 1.4-9, 1.5-1, 1.5-10, 3.1-4, 3.2-7, 3.3-9	Tuesday Sep 21
3	1.6-2, 1.7-1abc, 1.7-2abc, 1.7-4, 1.7-15ab, 1.8-1, 1.10-2*	1.6-1, 1.7-1defgh, 1.7-2def, 1.7-8, 1.7-12, 1.7-15cd, 1.7-17, 1.8-3	Tuesday Sep 28
4	2.2-2, 2.2-3, 2.2-9, 2.2-12, 2.3-2, 2.3-4	2.2-1, 2.2-5, 2.2-8, 2.2-11, 2.3-6	Tuesday Oct 5
Reading Week (Oct 9 – 17)			
5	2.4-5, 2.4-16, 2.4-42, 2.5-1, 2.5-6, 2.6-2	2.4-2, 2.4-14, 2.4-23, 2.4-25, 2.4-32, 2.4-37, 2.4-43, 2.5-10, 2.6-1	Tuesday Oct 19
Midterm: Tuesday, Oct 26			
6	3.4-2, 3.4-5, 3.4-11, 3.5-5, 3.6-3, 3.6-4, 3.7-1a	3.4-8, 3.4-15, 3.5-1, 3.6-1, 3.6-7, 3.7-1b, 3.7-3	Tuesday Nov 2
7	3.8-5, 3.8-15, 3.9-2abc, 3.9-3, 4.1-3, 4.1-4ceh, 4.2-9	3.8-1, 3.8-28, 3.9-2def, 3.10-3, 4.2-2deghi, 4.2-3, 4.2-12	Tuesday Nov 9
8	4.3-2b, 4.3-11, 4.3-17, 4.4-2, 4.4-17ac, 4.5-1, 4.6-1, 4.8-2a	4.3-2ac, 4.3-6, 4.3-8, 4.3-14, 4.3-16abcd, 4.4-6, 4.4-12, 4.4-17bd, 4.5-2, 4.5-4, 4.6-16, 4.7-1, 4.8-2bc	Tuesday Nov 16
Final#1: Tuesday, Nov 23			
9	5.1-6abc, 5.1-7bc, 5.1-8a, 5.2-2, 5.3-5, 5.3-25, 5.4-7	5.1-4, 5.1-6def, 5.1-7def, 5.2-6, 5.2-12, 5.3-2, 5.3-4, 5.3-9, 5.3-15, 5.3-18, 5.3-30, 5.3-32, 5.4-2a, 5.4-8	Tuesday Nov 30
10	5.5-2ab, 5.5-8, 5.5-10abc, 5.5-12, 6.3-5ab, 6.3-9ab, 6.4-2abcd, 7.1-6	5.5-2c, 5.5-5a, 5.5-10defg, 6.3-5cd, 6.3-8, 6.3-9c, 6.4-2efg, 6.4-4, 6.4-5, 7.1-4, 7.1-7	Tuesday Dec 7
11	NA	7.2-1, 7.2-2, 7.2-4, 7.2-5, 7.3-1, 7.3-2, 7.3-5, 7.3-11, 7.3-14, 7.3-15, 7.4-1, 7.4-2, 7.4-3, 7.4-4, 7.4-5, 7.5-1, 7.5-2, 7.6-1, 7.6-3, 7.6-7, 7.7-1	NA
Final#2 will be scheduled during final exams period			

* Correction: In Figure P1.10-2, assume there is a 2 Ω resistor in series with the 1 H inductor.