Remember: Homework is expected to be turned in on time, which is defined as before the start of class on the due day. Presentation and methods for arriving at the answer are just as important as the mathematical answer; solutions should be neat and logical. For complete credit: (1) show all work, and (2) box the answer and include the units. Students may work together on the homework, but copying is unacceptable. Be sure to staple the pages of your homework solutions before arriving to class on the due date.

Homework Assignment #8   Due: Wednesday, April 9

Chapter 8
Problems: **14***, **16**, 17†, **18**‡, **20**, 21, **22**, 23, **24**
Points [78]:   (12), (10), (8), (10), (8), (8), (8), (8), (6)

* For Problem P8-14, change part (c) to simply: "Find the circuit output, $v_c(t)$, when the
        current source is an ac function, specifically: $i_s(t) = \cos(2t)\ u(t)$."
† For Problem P8-17, the source is mistermed as a voltage source, it should be a current
        source: $i_s(t)$ not $v_s(t)$.
‡ The textbook answer to Problem P8-18 is incorrect.

Homework Assignment #9   Due: Wednesday, April 16

Chapter 8
Problems: **26****, 27, **28**, 29, 37(a)
Points [46]:   (10), (12), (10), (8), (6)

** The textbook answer to Problem P8-26 is only partially correct.

Chapter 9
Problems: 12,   25, **28**§
Points [30]:   (10), (12), (8)

For Chapter 9, use computer software of your choice (e.g., MATLAB or Excel) to create
        the Bode plots, and print and submit the computer-generated graphs.
§ The answer listed in the back of the textbook for P9-29(a) is actually for P9-28(a).

Homework Assignment #10   Due: Wednesday, April 23

Chapter 9
Problems: 23,   24, 26, **27**, 29,   30,   39
Points [67]:   (15), (10), (8), (6), (6), (10), (12)

For this last homework set, create any required Bode plots by neatly hand sketching.