

SUBMITTAL – Make sure all submitted work is clearly your own. Your submittal will include the following report sections:

LAB COVER SHEET and TITLE PAGE

OBJECTIVE – using complete sentences, describe the objectives of the exercise

PROCEDURE – this may be completed in numbered steps (using your own words)

DATA – This section will include data/results created and clearly labeled/identified by you: (1) Circuit, (1) Table containing nominal and measured values of all components used, Calculations of the peak-to-peak voltages and corresponding phase angles (polar form) for each circuit component (use measured values of components), (4) Screenshots, (1) Table containing the calculated and measured voltages and corresponding phase angles as well as a column indicating the lead/lag relationship between each calculated and measured voltage and the source voltage. (Your DATA should be presented in the above order and nothing should be hand-written).

DISCUSSION – using complete sentences, compare the theoretical (calculated) values with measured values and discuss any observations.

CONCLUSION – using complete sentences, describe the success (or lack of success) performing the experiment using specific values and % error. Offer an explanation for measured values significantly different than expectations (theory).