1. “Inductive Noise and Crosstalk” Lab (Monday Nov. 16, 2015) summary and post-lab questions:

(a) Summarize raw data collected

(b) Working individually, describe your observations (each answer should be 2–3 sentences; most answers must be qualitative, but one or two of these might benefit from an equation connected to the material covered in the lectures following the lab).

   i. Impact of bypass capacitors?
   ii. Impact of crosstalk on driven vs. undriven signals?
   iii. Level of crosstalk on ribbon cable versus PCB?
   iv. Impact of conductor shielding (intermediate (B) grounded wire) on ribbon cable signal crosstalk?
   v. Impact of adjacent wire length on signal crosstalk?

The observations and insight should come out of your team data collection and discussion. Nonetheless, this writeup should be done independently and expressed in your individual words.

2. “Transmission Line” Lab (Friday Nov. 20th, 2015) summary and post-lab calculations:

(a) Provide a summary of your answers to in-lab questions and make sure the lab handout is completed.

3. Lab attendance and participation. Turn in completed in-lab handouts for each lab.