

Homework Assignment-1**Reading: First day handouts****EE-174, Fall 2015, Petersen****Due: Beginning of the next class meeting.**

If any of the following documents were not handed out in class (you should have the Course Description minimally and, of course, this assignment), they can be accessed from our class website.

- Course Description.
 - The General Practice of Engineering Notes (rev3.5).
 - A Note on the Proper Documentation of Engineering Schematics (rev2.3).
 - The PCB EDA Tool Chain (rev2.3).
 - Reference Schematics (rev3.3).
1. Introduce yourself and briefly tell me why you're interested in this class and what you hope to get out of it.
 2. Begin by reading the short introductory paper, *The PCB EDA Tool Chain*. This will give you a helpful orientation before starting the first laboratory next week.
 3. Read *A Note on the Proper Documentation of Engineering Schematics*. Write a short reflection telling me what you learned from this paper, and comment on why good schematic documentation is necessary?
 4. Read *The General Practice of Engineering Notes* and bring to the next class meeting a set of engineering notes consisting of the two notebooks organized as described in the handout. Please pay attention to the details regarding how to use these two notebooks. I will bring in examples next week.
 5. Indicate which of the three weekly class meetings on MWF you want to commit to for recorded attendance, oral exams and access to a computer. Remember, you can attend all three sections if you like. If you want to work in pairs this is permitted and encouraged, but no more than two can collaborate this way.
 6. You can pick up an access code to BE104 beginning next week from facilities; I believe they issue codes between 1 and 3pm.