This homework based mostly on the Textbook from Chapters 1-6:

1. Describe the difference between IT versus OT in Figure 3.16

2. Give a one page description (and diagram) of the grounding grids used in substations including the purpose and operation described in class on Tuesday Feb. 6.

3. Compare and contrast the major (roughly five) differences between small, medium and large master station.

4. Describe the major components of the SCADA Laboratory from the text, and identify an experiment that you could do using this laboratory.

5. SCADA systems can be classified into four categories depending on the complexity and the number of RTUs and master stations present in the system. Give these categories and the differentiating characteristics.

6. Describe the EPA model in the context of the OSI model and give a diagram (will be discussed next Tuesday 2/13).

Please, no more than roughly five pages should be turned into BBLearn. This homework is designed to take 2-3 hours.