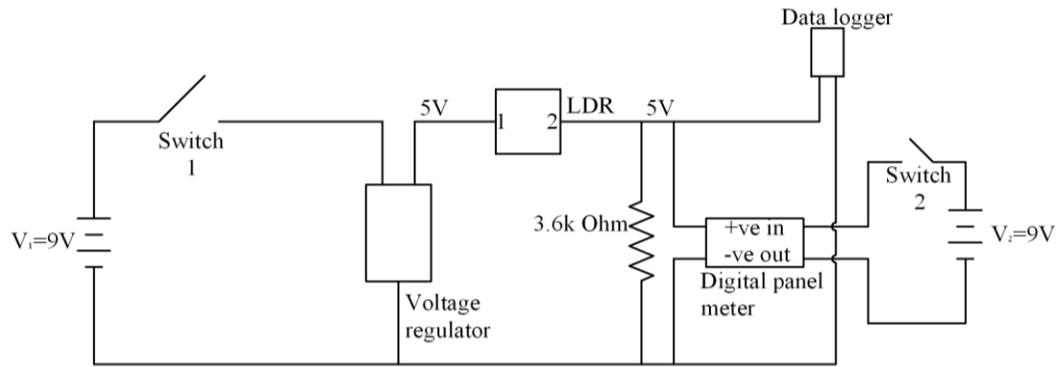
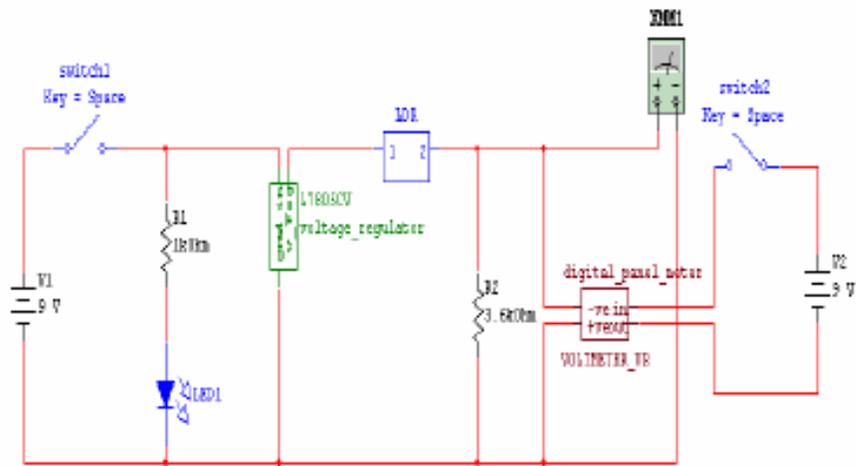


## Extra

1. Reference for laser safety is: **Environmental Health and Safety Department of University of Kentucky**. It is already mentioned in the paragraph and also in Reference.
2. What does **section** mean as circled in Chapter 3?
3. All the pictures in this report are **high quality and resolution**. The quality problem causes by my printer. Those pictures will look fine and good if laser printer is used.
4. LIPM
  - a. Switching the +ve source point (panel meter) to -ve source point (9V battery) and -ve source point (panel meter) to +ve source point (9V battery) → the circuit didn't work!
  - b. Switching +ve detection point (panel meter) to -ve detection point (circuit) and -ve detection point (panel meter) to +ve detection point (circuit) → it just inverted the value to -ve!
  - c. Conclusion: this power meter works only when **+ve source point (panel meter)** is connected to **+ve source point (9V battery)** and **-ve source point (panel meter)** is connected to **-ve source point (9V battery)**.
  - d. The +ve reading is obtained when **+ve detection point (panel meter)** is **connected to -ve detection point (circuit)** and -ve detection point (panel meter) is connected to **+ve detection point (circuit)**
  - e. The difference between the power meters possibly causes by the different types of digital panel meter. The panel meter used in ETP was not in the stock when I went to that particular same shop.



FYP Power Meter



ETP Power Meter