

EE251 Hardware Lab

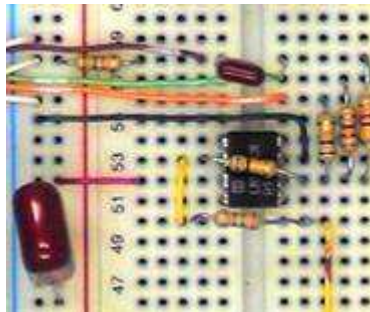
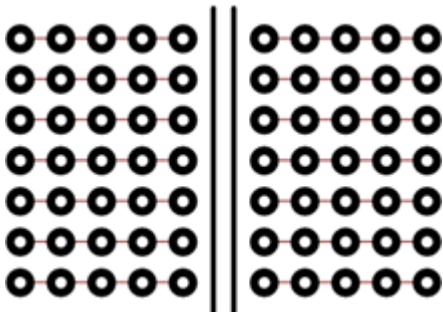
Lab experiments will be conducted by students in groups of two. Groups should register for a lab session and attend ON TIME. As groups, you should prepare the followings BEFORE coming to the lab experiment:

1. **Print** the Lab Experiment Sheet below
2. **Prepare** the experiment at home by buying the required components on a bread board
3. Make all theoretical calculations and experiment steps before coming to the lab

#	Topic	Notes
0	Measurement Techniques	lab00.pdf
1	Ohm's Law	lab01.pdf
2	Kirchhoff Laws	lab02.pdf
3	AC Circuits	lab03.pdf
4	Transformer Circuits	lab04.pdf
5	Op Amp Circuits	lab05.pdf

The following is a list of all components you will need for the above Lab experiments:

- (3x) 100 Ohm Resistor at 0.5W rating
- (3x) 220 Ohm Resistor at 0.5W rating
- (3x) 560 Ohm Resistor at 0.5W rating
- (3x) 1k Ohm Resistor at 0.5W rating
- (3x) 2.2k Ohm Resistor at 0.5W rating
- (2x) 10nF Capacitor at 25V rating
- (1x) Bread Board
- Jumper wires of different colors and lengths
- DC adopter to supply from 1.5V to 12V
- A digital Multimeter



Bread Board and its Connections



Digital Multimeter