Lab #1  Time: 8:00-10:50am, Sep 10, 2013
Name: ________________________Partner: ________________________

**Introduction**

In this section, briefly introduce the main purpose of the lab.

**Pre-Lab Assignment**

In this section, answer all the questions in the pre-lab assignment

**Lab Experiments**

1. **Diode measurement with an ohmmeter**
   First, describe major procedures you followed;
   Second, answer all the questions given in the lab.

2. **Characterization of a silicon diode**
   Same here

3. **Ideal rectifier**
   Same here

**Observations and Conclusions:**

In this section, draw main conclusions for the whole lab. Explicitly summarize what experiments were conducted successfully, if failed explain what are the possible issues. You can also discuss whether the experiment results match theoretical analysis or not. Some interesting findings are also encouraged to write down.