

Lab 1: DC Lab

Data Sheet

Name: _____ Student ID: _____

Lab Date: _____ TA Signature: _____

_____ Table

1. Measurement of voltage, current, and resistance.

Resistance [Ω]			
Voltage (m) [V]		Voltage (s) [V]	
Current (m) [A]		Current (s) [A]	

Table 2. Voltage division and current division.

Resistance R1 [Ω]		Resistance R2 [Ω]	
	Voltage Division		Current Division
	Current [A]	Voltage [V]	Voltage [V]
Total			
R1			
R2			

Table 3. Ohm's law

Resistance [Ω]	
Voltage [V]	Current [A]
0.5	
1.0	
1.5	
2.0	
3.0	
4.0	
5.0	

Table4. Semiconductor diodes

Voltage [V]	Current [A]