

School of Engineering

Department of Electrical and Computer Engineering

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| **ENG 142** | **FUNDAMENTAL ENGINEERING DESIGN** | **FALL 2014** |

**LAB REPORT**

**Lab # 1: Breadboard Basics and Measuring Electrical Quantities**

**Date: Sept 22, 2014**

**Submitted by: Your Name**

**Instructor: Professor Joe Jesson**

**1. Introduction**

The purpose of this lab is to …

**2. Procedure**

**Part I: Breadboard Basics**

1. … as shown in Table 1.
2. …

Table 1. Resistance Values

|  |  |  |  |
| --- | --- | --- | --- |
| **Points** | **Resistance** | **Points** | **Resistance** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Part II: Measuring Electrical Quantities**

1. …
2. … as shown in Figure 1.



Figure 1. Circuit Diagram

You need to include the explanations about the figures.

**3. Discussions and/or Results**

**4. Conclusions**

**5. Attachment**

Lab Instruction Handout