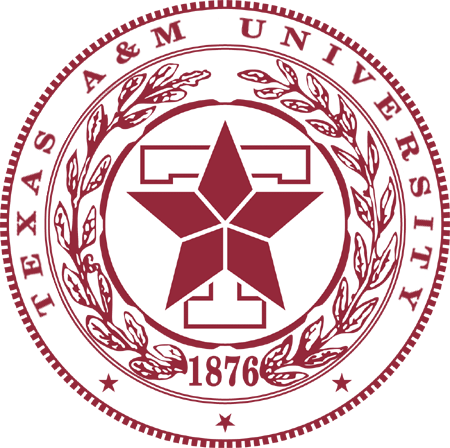
# ECEN 215 Post Lab Report

# Fall 2024

## Lab #1: Lab Name



**Submitted by:**

|  |  |  |
| --- | --- | --- |
| **Printed Name** | **UIN:** | **Lab Section #** |
| Student1 |  |  |
| Student 2 |  |

**Date Performed: MM/DD/YYYY**

Note: Lab report assignment has 100 points, including lab attendance (30 points) and this written lab report (70 points)

**Section 1. Objective (10 points)**

The objective should be one or two sentences describing the main purpose of this lab. For example, the purpose of this template was to demonstrate the components of a lab report.

**Section 2. Procedures (10 points)**

1. Summarize the lab procedures using your own words.
2. **The procedure section should not be an exact repeat of the lab manual**. You can summarize multiple instructions in one sentence.

**Section 3. Difficulties**

1. This section allows you to report difficulties to make the labs better. For example, if something does not work properly or if the lab manual is unclear or ambiguous (or wrong), mention that here.
2. If there were no difficulties, **do** include this section and just say that no difficulties were encountered.

**Section 4. Results (40 points)**

This is the most important section. You need to carefully read the lab procedure, present all data it asks you to record and answer all the questions in it. The data may include:

* Measured passive component values (resistance, capacitance, …) and voltage values, which should be presented in tables.
* Screenshots of the oscilloscope (if required) acquired from Waveforms software.
* Screenshots of the simulation circuit and results (if the lab procedure asks you to use simulated values for comparison). **Note that** these are not exact copies of the prelab simulations, because you should use the measured (not nominal) passive component values in the simulations.

Data can be presented as Tables and Figures. Each Table or Figure should have its own caption. Try to use scientific writing to make this section precise and fluent, instead of a pile of unstructured data.

**Section 5. Conclusion (10 points)**

One or two sentences to briefly summarize the most important conclusion you want the reader to know.