Name: \_\_Replace with your name(s)\_\_\_\_

EID: \_\_Replace with your EID(s)\_\_\_\_\_

Semester: Fall 2024

Course: ECE445L

A) ***Objectives*:**

1. In a few sentences, describe the purpose of the lab.

B) ***Hardware Design Deliverables:***

1. Deliverable 1: Using **KiCad**, create a schematic for your design. Include a screenshot in the space below.
2. Deliverable 2: Using **KiCad**, create a Layout for your design. Include a screenshot in the space below.

C) ***Software Design Deliverables:***

1. I have pushed my project to GitHub for grading (Yes/No):
2. Deliverable 3: System design diagram of the modules created.

D) ***General Deliverables:***

1. Deliverable 4: Total cost estimate

I have updated the bill of materials (Yes/No):

Out of pocket costs:

Adjusted competition costs:

1. Deliverable 5: Description of tests added for lab 7B
2. Deliverable 6 (10pt EC): Discrete IC usage
3. Deliverable 7 (10pt EC): Characterization of the system

E) ***Analysis and Discussion Questions:***

1. What is the required naming scheme of the PCB submitted to us for review and ordering?