Presentation

This is an informal presentation to the TA and Professor (via Demonstration Video) to demonstrate the functionality of your circuit and discuss progress. In this presentation, you should:

1. Explain the purpose of the circuit and its high-level operation.
2. Present a functional LTSpice simulation
3. Demonstrate functionality of circuit (If the overall circuit doesn’t work, you MUST demonstrate functionality of individual building blocks)
4. Explain circuit operation
5. Discuss problems encountered and solutions
6. Support design choices
7. Discuss plans for next Milestone

You can include anything else you deem necessary. The Milestone presentation is a good opportunity to get feedback and ask for advice. Plan for this to take ~5-10 minutes.

You will be graded on the following standards:

**Presentation Standards**

1. **I can explain the goal of the project and its scope within the course.**
2. **I can present a high-level block diagram that represents the functional blocks of each part of my demonstration.**
3. **I can show calculations and, if needed, reasonable assumptions that helped me predict the correct function of my circuit.**
4. **I can show my simulated circuit and show important probe points to compare to my mathematic predictions**
5. **I can demonstrate the course concept as a working functional block or working analysis in my circuit or experimental outcome.**
6. **I can show important functional blocks that work as expected OR attempt to explain why it failed through troubleshooting.**
7. **I can discussion design choices directly related to concepts I’m learning in Electric Circuits**
8. **I can discuss ideas OR design choices or ideas that are beyond the content of Electric Circuits.**
9. **I can discuss plans for the next lab.**
10. **I can articulate at least ONE question based on my experience doing the Omega Labs or I can answer a question about my Omega Lab.**