Lab 3 Writing Template

Mechanical Drawings and Electrical Schematics

Name:

## Electrical Schematic

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| Figure 1: Placeholder schematic for 555 timer circuit from [LM555 Datasheet](https://www.ti.com/lit/ds/symlink/se555.pdf?). Replace with yours. |

Insert the schematic for your 555 timer circuit here.

Text to explain what the schematic means. The text should address and highlight:

* What circuit does
* How the circuit works
* Choice of components and values

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| Figure 2: Placeholder schematic for transimpedance amplifier circuit. Replace with yours. |

Insert the schematic for your transimpedance amplifier here.

Text to explain what the schematic means. The text should address and highlight:

* What circuit does
* How the circuit works
* Choice of components and values

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| Figure 3: Placeholder mechanical drawing of cuvette holder for turbidity meter. Replace with yours. |

Text to explain what the mechanical drawing means. The text should address and highlight:

* General operation
* Key dimensions
* Particular specific notes relevant to using the design