Laboratory Report Guidelines (CI)

During the term, you will produce three laboratory reports: the Tipsy Tester, the Remote Digital Thermometer, and the EKG. The technical goal of writing these reports is to demonstrate mastery of the tools and techniques of lab. The primary communication goal is to make better sense of what happened during the laboratory process as you planned, designed protocols, experimented, built a device, tested it, and evaluated your success.

Keeping this communication goal in mind, each of your laboratory reports will be evaluated on specific aspects of technical communication that we cover in lecture and in handouts.

The list of basic, suggested sections of a laboratory report are as follows:

- title page (name, team members—if applicable, class/section/TA, and date)
- abstract
- table of contents
- list of figures and tables
- introduction (background, theory, approach, objective)
- materials and methods
- results and/or testing
- discussion/conclusion
- references
- appendices

General guidelines for laboratory reports can be found in the Mayfield Handbook of Scientific and Technical Writing: