

ECE Technical Report Outline

1. Executive summary (one-page)
 - a. Background
 - b. Work Objective Statement
 - c. Methods
 - d. Results
 - e. Conclusions
 - f. Significance
2. Background of problem (1-3 pages)
 - a. What is the basis for solving the problem?
 - b. What have others in the field done to support or solve the problem?
 - c. Reference other technical literature
3. Methods (as many pages as needed to fully describe)
 - a. What methods did you use to solve the problem?
 - b. Discuss them in technical terms
 - c. They may be theoretical/experimental/administrative/design
 - d. Usually need equations to describe the process you performed
4. Results (as many pages as needed to fully describe)
 - a. What did you accomplish?
 - b. Usually need graphs, tables, etc.
5. Conclusions (as many pages as needed to fully describe)
 - a. What do the results mean?
 - b. What are some next steps?
 - c. How do these results relate to other work
 - d. State significance of this work
6. References
 - a. Use alphabetical style (e.g. Johnson, AJ., *Transistor Basics in Design*, Vol #, page number, year, etc.
7. Appendices (if needed)
 - a. Add any supporting material here (design sheets, etc)