**Experimental Methods**


A nice general reference for laboratory experimentation with sections on measurements and error analysis, experiment planning and evaluation, and report writing. Available in the main library (QC39.B17).


A nice work encompassing both writing of a scientific report, analysis of data and statistical methods. Available in the main library (001.424L487).


A good treatment of how to handle and present experimental data. A good expose on graphical analysis and preparing graphs. Little on statistics or experimental design.

Also see other books in the main library listed under call numbers QC39 and 519.

**Probability and Statistics**


An in-depth explanation of error analysis, statistics and experimental design. Has many practical and illuminating examples.


Another good reference for error analysis and probability and statistics. The treatment is somewhat more rigorous and limited in scope than Taylor. On reserve in the main library (QA276.Y67).


A more advanced treatment of probability and statistics for error analysis. Available in the main library (519.2P247).


A voluminous work applying statistics to a wide variety of fields. Lots of examples. Available in the book store ($45.85, hardback) for use in STAT 501. Also available in the main library (QA276.077).

Also see other books in the main library listed under call numbers QA276 and 001.424.

**Electronics**


An excellent text in electronics for scientists. Covers the principles and basic design of passive and active electronics components, analog circuits, digital circuits, and interface circuits. Also has good reference tables. Available in library.


Comprehensive treatment of electronics for lab. Does not include much about digital circuits.


Also see other books in the main library listed under call numbers TK7860-70 and 621.7.

**Technical Writing**


A collection of axioms for technical writing presented in a format reminiscent of *The Elements of Style*. Available in the main library (T11.A38).


A succinct manual which covers all of the basic writing skills of technical writing. A nice companion to *The Elements of Style*.


Standard physics reference which provides information on manuscript preparation and format as well as general information on preparing scientific papers. Canonical reference for bibliographic formats, 45th St, New York, NY 10017; $7.50) by mail order. Also on reserve in the main library (QC28.A54 1978).


A good reference on technical writing. Provides detailed discussions of the techniques and style required in standard types of communications, from letters to library research reports, encountered by engineers and scientists. Available in the main library (T11.M53 1978).


Classic little book is a concise and useful treatise on style and grammar for written English. You should read this book sometime in your college career and keep it for later reference! Available at the bookstore ($3.50, paperback) and at the main library (PE1408.S772 1979).


Also see other books in the main library listed under call numbers T11 and 808.066.