

Bioengineering 3202 Notes  
Lecture #7, March 24, 2006  
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**Lab Report Expectations**

Don't Want

Lots of Methods

Plagiarism

Pages & Pages of plots

Want

Short Summary

Overview of things you did

Special Comments on anything outside of the lab manual

Your explanation/description

Cite all outside material

Data + Analysis + Interpretation

Selected data

Quantitative/concise

Explanation – mechanism

Figures:

Legible/Readable

Color is okay, but use other markers and line types so that color is not essential

Make sure units are indicated and correct, e.g., no “Volts” for plots of contraction data

Style Points:

Overlays: can be very effective but try not to overdo; use discretion

Alignment: align signals so that direct comparison possible, especially valuable for time signals but good for any signals that share a common x-axis

Common scaling: to compare plots, it is necessary for the scaling to be the same; so pick a scale that works for largest case and use consistently. Or if there is a wide range of values, select 2 scales and use them as needed.