

Requirements for Lab 2.2: Density

Be sure to staple your lab in the following order.

1. Lab Handout
2. Prelab/Data/Observations
3. Calculations
4. Graph (Completed by Hand)
5. Slope Calculation

Lab Handout: Always include your lab handout with your name on the front as the first page to help us identify the lab you are handing in at a glance.

Prelab/Data/Observations: Prelab is normally illustrated, but will at least require a hypothesis, purpose, and data tables. This should be checked before lab completion and data should be recorded on this as you progress through the lab. All students must record their own data and observations, you may not submit your partner's data and call it your own.

Calculations: All calculations must be done by hand and all work must be shown. Be sure to keep an eye on your significant figures, units, and use dimensional analysis whenever possible. Percentage error does not require dimensional analysis.

Graph: Early in the year, all graphs must be done by hand on a piece of graph paper. Be sure that you use the entire piece of graph paper, label your axes, put a title on your graph, circle your data points, and include a line of best fit (a straight line that encompasses as many data points as possible).

Slope Calculation: Remember you should pick two points from your line of best fit and complete the rise over run equation for slope (change in Y over change in X).