

SPH4U Format for Lab Reports

IMPORTANT: Lab Reports are always to be written in sentences!

(3) Date, Title, Name

(1) Purpose: A statement which gives the reason for doing the lab. It should NOT be a question.

(1) Materials and Procedure: Use when referring to the textbook or a handout.

Ex. See textbook page 23.

OR materials and procedure written out separately ONLY when needed:

(1) Materials: A list of required materials (2)

(3) Procedure: Numbered, step by step instructions, similar to a recipe . . . 1. Get a beaker. 2. Put 15 mL of water in the beaker . . .

(1) Safety Concerns: An overview of any hazards that may be encountered during the lab.

Observations: Data obtained from the lab written into tables, or written out in sentences. This will vary from lab to lab. *When applicable, refer to an attached observation sheet.*

(variable marks)

Calculations: Any calculations as required using proper form, units and sig digs.

OR Observations and Calculations: Sometimes observations and calculations fit together in chart form.

Graph: When applicable, refer to the attached graph.

(variable marks, 5 or more)

Analysis: This is where the data from the lab is interpreted. It may include questions or graphs.

(variable marks)

(2) Conclusion: A short closing statement that answers to the purpose, and summarizes what was found. This is written *impersonally*. Ex. The lab showed that . . .

Do **not** use first person. Ex. I found out . . .

(3) Self-Assessment: A paragraph to include . . .

your performance during the lab

how you worked with your partner(s)

if you worked safely and appropriately

Lab Reports must be submitted on the assigned day, otherwise late marks will be applied.