Final Individual Laboratory Report

Student name
Programme and course code

August 29, 2026

1 Introduction and objective

Introduce the engineering context and state the objective in a form that can be tested. Identify the independent and dependent variables.

2 Theory

Present only the theory needed to interpret the observations. Define symbols, units, and assumptions. For a heat-transfer experiment, use for example

$$Q = mc\Delta T.$$

3 Equipment and procedure

List the equipment and its resolution. Describe preparation, calibration, measurements, repeats, and the method used to record raw observations.

4 Results

Table 1: Example results table; replace with the experiment's observations.

Run	Input (V)	Output (V)
1	1.00	0.82
2	2.00	1.65
3	3.00	2.48

Show sample calculations, uncertainty propagation, and a clearly labelled plot or fitted relationship where appropriate.

5 Discussion and conclusion

Compare the results with theory, identify discrepancies and likely causes, and state whether the objective was achieved. End with one specific improvement.