

Lab 1 Marking Scheme

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Expanded and adapted from Thomas Brunner's marking scheme and Jack Sankey's project report guidelines, both from W21.

Lab reports must be submitted as a **single** PDF file (containing the report **and** the lab book), titled as described in the syllabus (e.g., **Week1_Tue_Curie_Newton.pdf**).

For more concrete but informal recommendations, see Tips document.

- Title (2)
 - Original and descriptive
- Abstract (8)
 - Has abstract (2)
 - Abstract is appropriate (6)
- Figures (25)
 - Not too many or too few: figures aid presentation (6.5)
 - Captions make sense, all features described (6.5)
 - Figures are numbered (2)
 - Figures are legible (2.5)
 - Axis titles and units are present (2.5)
 - Error bars are present (when relevant) (2.5; else scale the rest)
 - Legend is present (when relevant) (2.5; else scale the rest)
- Equations (12)
 - Has at least one equation
 - Equations help presentation (5)
 - All symbols are defined (4)
 - Punctuation and numbering are correct (3)
- Text (35)
 - Clearly and concisely written (8)
 - Free of grammatical errors (4)
 - All figures and tables referred to in the text (6)

- Errors and/or approximations discussed at appropriate level (6)
- Physics understanding (6)
- Statement of contribution present (2.5)
- Pages numbered (2.5)
- References (12)
 - Proper format (8)
 - Appropriately ordered (4)
- Lab Book (6)
 - Lab book is attached to the lab report (1)
 - Lab book sufficiently documents the lab session (5)

100 POINTS TOTAL

- Bonus

For surprise awesomeness: use of LaTeX template in Lab 1, clear writing, exceptional data analysis, etc. Up to 10 extra points.

PER THE SYLLABUS:

Late submissions will get a full grade reduction (15%). Reports late by more than one day will not be considered; please email Prof. Cooke for deadline extensions. It is **your responsibility** to ensure that the TA knows of the extension.

Reports will lose 6.67% for each page they are over the limit of 5 pages, **excluding** title page and references.

The appeal procedure is detailed in the syllabus.