

PHYS-3901 Intermediate Lab

L^AT_EX Class

J.W. Martin
The University of Winnipeg

September 19, 2012

Abstract

These are the instructions on what to do in this class.

1 What to do in this class

1. Log in to a computer using your account.
2. Go to http://nuclear.uwinnipeg.ca/courses/intermediate_lab/latex and have a look at the files there.
3. Copy the files in the directory `LaTeX-Template-2012` to a new directory on your computer. Try opening the file `LaTeX-Template-2012.tex` in Texniccenter, and try creating a pdf files from it. Show me the results.
4. In your newly created directory, copy the file `LaTeX-Template-2012.tex` to a new file `my-lab-template.tex`. Ensure you can create a pdf file from that file. You can then use this technique of copying `my-lab-template.tex` to another file and editing the contents to write your lab reports.
5. Create another copy of `LaTeX-Template-2012.tex`; call it `my-lab-examples.tex`. Ensure that you can create a pdf from it with no errors. Implement the following items from `examples.tex` and `examples.pdf` into in this newly created file (just put them anywhere): Equations (1), (9), Table 1, the two lists in Section 4, the list of greek symbols in Section 6.1, and equations (11) and (17) from Section 6.2. Show me a pdf file that has these examples properly displayed in it, with no reported errors from Texniccenter.