

# L<sup>A</sup>T<sub>E</sub>X workshop 2018 (Westville)

The workshop is aimed at senior undergraduate and graduate students to assist them with the presentation of assignments, published work and the production of their theses.

Although the scope of the workshop is quite large, no prior knowledge of L<sup>A</sup>T<sub>E</sub>X is assumed. The information provided on each subject should enable the student to produce workable code, and wherever practical, provide pointers to extended implementations and more advanced topics. The emphasis will be on practical implementation and frequently encountered problems in the production of academic work. Instruction will, where practical, be in the form of self-contained worked examples, which can then serve as templates for structures within a larger document.

The workshop will consist of four three-hour sessions held over two days (09h00 to 12h00 and 13h00 to 16h00). A rough guideline of the topics to be covered is given in the table below. Many topics will be revisited when relevant concepts have been developed.

Session 1	Session 2	Session 3	Session 4
Introduction	Mathematics	Tables	Bibliography
Installation	Symbols	Figures	Index
Document structure	Alignment	Footnotes	Tables of contents
Compilation	Spacing	Appendix	
Sectioning	Custom macros		
Lists	Cross references		

The workshop will be held on the 25th and 26th of June 2018 in the Computer Science ‘Red Laboratory’. Please email me (weltera@ukzn.ac.za) for enquiries and if you are interested in attending the workshop.

Those who have already expressed interest need not contact me again. I will send an email to those whose names I already have.

Allard Welter  
Lecturer, Physics