

This document is an *example/notes* for learning L^AT_EX(using this book). Continuing the text on this line (rather than above) makes no difference for the paragraph.

The blank line above forces a new paragraph to start here. Having multiple spaces between words doesn't make a difference (it's treated as one space). This symbol forces an extra space to be added! Use two backslashes to force a line breakpoint.

testing other languages: aquí, (this doesn't work directly, at least without some greek font).

This paragraph will start without an indent! this text comes from a separate file!

1 Spacing:

This is aligned to the right.

This is aligned to the left.

2 Bullets

Use the `itemize` environment with the `item` command (see fonts section below for an example).

Fonts:

- A (font) type style is defined by *family* > *series* > *shape*.
 - **this is: sans serif > boldface > upright (default)**
 - *this is: roman > medium > italic*
 - *this is: roman > medium > slanted*
- The `emph` command is just a shorthand that will use the *italic* or *upright* shape as needed to be the opposite of it's surrounding text.
- We can also play around with font size. `normalsize` will change things back to normal.

3 The Document

The document class uses the syntax `documentclass[options]class`, for example `documentclass[11pt]article`

...

4 Commands

If a command has some optional parameters, they must be put in square brackets. (*Required parameters are provided back to back each in their own set of braces.*)

Here the command created has 3 parameters, but when the first isn't provided it will default to -7.

This line uses the default value for param 1: $(x + y)^{-7}$

Here param 1 is explicitly provided as 4: $(y + y)^4$

5 Tables (tabular)

See also the overleaf documentation.

The multicolumn command seems to be a way to tell a cell to span multiple columns (see this example). More info here as well.

Simple table, specifying whether to draw vertical lines around cells, and whether to center or left or right align each cell's contents:

cell1	cell2 says hi	cell3
textwidth = 345.0pt	cell5	cell6
cell7	cell8	cell9 says bye
this cell spans 3 columns (right aligned)		

Note: you can use captions and labels if you wrap the *tabular* environment with with *table* environment.