

Introduction to L^AT_EX: Task Sheet

Chris Cooling*

October 20, 2020

1 Creating a document

- Create a new Overleaf project called “Introduction to LaTeX”
- Create a new article document
- Select a fontsize (11pt)
- Select the type of page you want to write on (A4)

2 Sections

- Add a new section to your document
- Add a new subsection to your document
- Add a table of contents to your document (you will need to change the documentclass to “report” or “book”)

3 Writing text

- Add some text to your document
- Make part of the text bold
- Make part of the text italic
- Underline part of the text
- Change the size of your text

4 Lists

- Add a bullet-point list to your document
- Add a numbered list to your document

5 Equations

- Add an equation to your document
- Embed some mathmode content within some text

*Material adapted from original by Alexis Belessiotis-Richards and Scott Melville

6 Adding Figures

- Add a figure to your document
- Change the size of the figure
- Change the vertical position of the figure
- Change the horizontal alignment of the figure
- Add a caption to the figure

7 Adding Tables

- Add a table to your document
- Change the text alignment within each column
- Add some horizontal and vertical lines
- Add a caption to the table

8 Referencing

- Go back and add labels to your sections, subsections, equations, figures, and tables
- Write some text and reference each of the labels you just added

9 Bibliographies

- Create a .bib file (you can export from a reference manager or create one from scratch)
- Include the bibliography in your .tex file
- Cite some of the bibliography entries in your document

10 Errors

- Work in pairs
- Open [this LaTeX project](#)
- Make a copy of the project each
- Correct the errors and compile the pdf