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LaTeX: an introduction

overview

Course philosophy

LaTeX is too extensive to cover in just a couple of hours!

- It is an introductory course to get you started in using LaTeX.
- Get a basic working knowledge of using LaTeX to write documents.
    - Learn the basic commands.
    - Overview of more advanced features.
- **Work/Learn by example**.
    - Experiment with small examples.
    - Experiment as much as possible!
- https://franklbvp.github.io/latex_intro/

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LaTeX: topics

Introduction
- Setting the scene
- History
- LaTeX cycle

LaTeX oriented Editor
- TexStudio

First document
- LaTeX commands
- Entering text
- documentclass
- Document structure

Text manipulation
- Environments
- Font size
- Spaces

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LaTeX: topics

Mathematics

Adding More
- Images
- Tables
- Floats

Large Documents
- Input / include
- Referencing
- Index

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LaTeX: topics

Bibliography

- `thebibliography`
- Jabref
- Bibtex
- Biblatex

Extra

- Formatting
- Packages
- Troubleshooting

LaTeX: topics

Extra
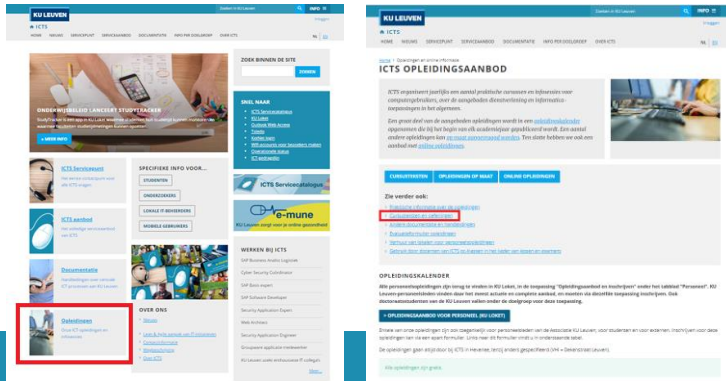
- Tikz

Beamer

Course documents

- https://admin.kuleuven.be/icts
- Select 'Opleidingen'
- Select: 'Cursusteksten en oefeningen'
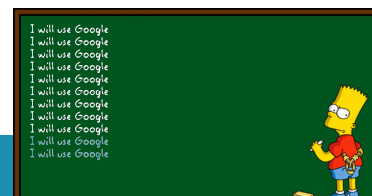
Thanks!

- Most of the information was gathered from different internet sources and therefore no originality is claimed.
- A lot of inspiration was found in the course notes of:
  - Gordon Pace (University of Malta)
  - Les Kitchen (University of Melbourne)
  - A-eskwadraat (Universiteit Utrecht)
  - Tom Schenk Jr. (Drake University)
  - Nicola Talbot (University of East Anglia)