

# A L<sup>A</sup>T<sub>E</sub>X Template\*

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## Abstract

This is a citation, see Huber (2020). Her is another citation Eck and Huber (2016). This Template guides how to write a good course description.<sup>1</sup>

## Course Description

Course descriptions should:

- Be student-centered, rather than teacher-centered or course-centered
- Use brief, outcomes-based, descriptive phrases that begin with an imperative or active verb (e.g., design, create, plan, analyze)
- Be clear, concise, and easy to understand (< 100 words)
- Detail significant learning experiences and benefits students can expect
- Align with the outcomes identified in the rest of the course outline

Course descriptions should avoid:

- Obvious, redundant, or repetitive language (such as “this course will...” or “students should expect to...”)
- Marketing language (such as “Concept X is a critical part of success in Industry Y” or “Course A will change the way you think about everything”)

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\*Some comment

<sup>1</sup>More information can be found here: [www.chronicle.com/article/how-to-create-a-syllabus/](http://www.chronicle.com/article/how-to-create-a-syllabus/) and here: <https://teaching.utoronto.ca/teaching-support/course-design/developing-a-syllabus/>



Source: <https://www.mohawkcollege.ca/sites/default/files/CTL/Blooms%20Taxonomy.png>

## Course Materials

### About the Lecturer

## 1 L<sup>A</sup>T<sub>E</sub>X Stuff

Tutorials how to install L<sup>A</sup>T<sub>E</sub>X on your PC can be found online, see e.g. <https://www.latex-project.org/get/>. I personally use TeXstudio<sup>2</sup> which is a cross-platform open-source L<sup>A</sup>T<sub>E</sub>X editor. Its features include an interactive spelling checker, code folding, and syntax highlighting. It does not provide L<sup>A</sup>T<sub>E</sub>X itself – the user must install L<sup>A</sup>T<sub>E</sub>X first.

This template is written for the article class, which is an important documentclass. For more specialized purposes there are other **documentclasses** available like *book* see page 1, *report* or *letter* which are described in Section 1.1.

### 1.1 Documentclasses

In L<sup>A</sup>T<sub>E</sub>X different *documentclasses* exist:

1. article
2. book
3. report
4. letter

**article** Article is ...

**book** The book class ...

**report** Report gives you ...

**letter** If you want to write a letter.

You can also build list by your own, e.g.:

- a) bla bla
- b) bla bla bla

You<sup>3</sup> can create tables like Table 1 or figures like Figure 2 in a floating environment. Here are some guidelines to make your tables look good <https://people.inf.ethz.ch/markusp/teaching/guides/guide-tables.pdf>

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<sup>2</sup>[www.texstudio.org](http://www.texstudio.org)

<sup>3</sup>this is a footnote

Table 1: This is a Table

header a	header b	header c
a	b	c
a	b	c

Source: I did it.

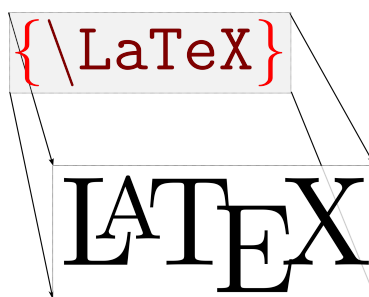


Figure 2: This is a Figure

## 2 How to Include Literature

It is easy to include references to literature in  $\text{\LaTeX}$ .

With the command `\nocite{*}` you can include all the references of a .lit-database. I do that here. However, usually you include only the literature that is mentioned in the text to your reference list.  $\text{\LaTeX}$  will do most of the work for you. You just need to enter the required informations about a book or an article in the .bib database.<sup>4</sup> And then you can cite it using `\citet{}`, see <https://gking.harvard.edu/files/natnotes2.pdf>. Here are some examples: Wickham and Grolemund (2016) is a good book. Other books are also good (see Lilja, 2016; Matloff, 2011).

If you want to write using Overleaf.com, see [https://www.overleaf.com/learn/latex/Bibliography\\_management\\_in\\_LaTeX](https://www.overleaf.com/learn/latex/Bibliography_management_in_LaTeX) for how to do bibliography management in  $\text{\LaTeX}$  and [https://www.overleaf.com/learn/latex/bibliography\\_management\\_with\\_bibtex](https://www.overleaf.com/learn/latex/bibliography_management_with_bibtex).

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<sup>4</sup>For building up a literature database I highly recommend **JabRef**<sup>5</sup> which is an open-sourced, cross-platform citation and reference management software. It uses BibTeX as its native formats and is therefore typically used for  $\text{\LaTeX}$ .

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