

# Lecture notes class

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## 1 Introduction

A LaTeX document class built for lecture notes for classes/seminars, entire courses or brief talks. A detailed article about this class can be found on the author's website (<http://vhbelvadi.com/latex-lecture-notes-class/>). The same data condensed into brief notes about working with this class, for those who are familiar with this sort of thing, can be found below.

To work with this class the absolute minimum requirements are the `.cls` and `.sty` files, but this repository has several other files too. The easiest approach is to download the latest release from <https://github.com/vhbelvadi/LaTeX-lecture-notes-class/releases/latest> and manually extract the two required files. Alternately, you can use svn or git sparse checkouts.

A legacy version is available outside CTAN for use with pdfL<sup>A</sup>T<sub>E</sub>X here: <https://github.com/vhbelvadi/LaTeX-lecture-notes-class/releases/tag/v2.6>

## 2 Installation

Simply copy the `.cls` and `.sty` included in this package into your L<sup>A</sup>T<sub>E</sub>X document tree. On UNIX systems this is usually `/texmf/`. If using apps like Texifier, simply tell the app where to look for these files.

Although not necessary, it is highly recommended that you place these files inside their own folder with the tree `.../texmf/tex/latex/foldernameforbetterpackagemanagement`.

There are several resources online that can help you in greater detail when it comes to installing `.cls` and `.sty` files. Once you figure out where they should

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be placed in your `TEXMFHOME` tree, just make sure the two files reside together in the same folder.

## 3 Using the class

### 3.1 Skeletal structure

Your documents based on this lecture class must adhere to the following blueprint:

```
\documentclass[options]{lecture}

\title{}
\subtitle{}
\shorttitle{}
\ccode{}
\subject{}
\speaker{}
\spemail{}
\author{}
\email{}
\flag{}
\season{}
\date{}{}{}
\dateend{}{}{}
\conference{}
\place{}
\attn{}
\morelink{}

\begin{document}
\end{document}
```

This is simply a list of *possible* commands, not *necessary* commands. In fact most of these commands are *not* necessary and some work exclusively with others. A detailed explanation follows.

### 3.2 Overview of commands

The document class `lecture` calls this class file. Options for the class are as outlined below.

Only setting a title is compulsory. All other data (e.g. subtitle, course code, speaker, dates, seasons, author etc. are optional.) Some of these are used to set up the head of your document (e.g. season), headers of your pages (e.g. short title) and pdf attributes (e.g. subject data is only for the pdf metadata).

Take a look at the `Sample.tex` file for an example of how these lines are used in a source file and for details of exactly what each command does. Also look at the `Sample.pdf` output file to see how (great) things will look in the end. Sample files are available in the repository: <https://github.com/vhbelvadi/LaTeX-lecture-notes-class/releases/latest>

**NB** The **season** command and the dates (start date only or both start and end dates) are mutually exclusive with the season taking precedence. You can set either Summer 2017 (the season) or 24th June, 2017 (the start date) or 24th June 2017–25th June 2017 (both start and end dates).