

The `lectureslides` Package*

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When studying, there frequently occurs the situation where one uses `Ctrl+F` many times to search for a keyword in all the lecture slides. Throughout an entire semester, there can be a large number of PDFs that would need to be searched.

This package allows for easily combining individual PDFs into a large one, indexing each with a title that PDF viewers can display. `lectureslides` also provides a table of contents.

1 Usage

In general, usage of `lectureslides` works as follows:

```
\documentclass{article}
\usepackage{lectureslides}
\begin{document}
  \course{Engineering Mechanics}
  \tableofcontents

  \lecture{Introduction to EM}{intro}
  \lecture{Centre of gravity}{centre}
\end{document}
```

`\course` Acts as the title on the cover page, used in the form `\course[]{Engineering Mechanics}`. The optional argument specifies the person compiling the document, which will be typeset as a footnote alongside the current date. For instructions on changing that footnote, see `\createdby`.

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`\lecture` Inserts one set of lecture slides. This command takes two mandatory arguments in the following form:

```
\lecture{Title of this lecture}{pdf_file_name}
```

An optional argument can specify the last slide that needs to be included. For example, to include slides 1 –10 of `intro.pdf`:

```
\lecture{Introduction to EM}[10]{intro}
```

Internally, this command calls `\lecturetitle` and `\lectureslides`.

`\tableofcontents` Prints a table of contents of all lectures. Each `\lecture` and `\lecturetitle` gets its own entry here. `\tocline` customises the appearance.

2 Option

`landscape` `landscape` is the default orientation if no option is passed, as lecture slides are most often given out in this format. `portrait` can be used instead to insert slides in portrait orientation.

3 Advanced

`\lecturetitle` Declares a new set of slides, but doesn't insert any PDF pages yet. When followed by `\lectureslides`, an actual entry in the table of contents gets created.

```
\lecturetitle{Title of this lecture}
```

`\lectureslides` Inserts a set of slides from a given PDF. Optional argument specifies the last slide to be included.

```
\lectureslides[10]{pdf_file_name}
```

Multiple `\lectureslides` can be stringed together to include slides from different PDFs which are all organised under the same `\lecturetitle`.

`\createdby` Determines the sentence in the footnote, which is initiated by the optional argument of `\course`. Putting the following in the preamble redefines the sentence, to fit the desired language for example.

```
\renewcommand{\createdby}[1]{%
    Created by #1 on \today.%
}
```

`\renewcommand{\createdby}{Created in March 2021.}` for example gets rid of the name entirely. Note that some kind of non-empty argument is still needed in `\course[]{}{}` so the footnote gets printed at all.

`\tocline` Determines how the lecture title appears in the ToC. Putting the following in the preamble redefines this, for example:

```
\renewcommand{\tocline}[1]{%
    Semana \arabic{section}: #1%
}
```

Alternatively, `\renewcommand{\tocline}[1]{#1}` omits the numbering, putting only the title in the ToC.