# Course title

Lecture title

Your name

University | Course code

## Contents



### Requirements and limitations

Tested on a TexLive distribution using XeLaTeX. I cannot guarantee that other formats or LaTeX engines will work. (In fact, they probably won't.)

In addition, this particular example assumes that you have the Arial Narrow font installed on your system.

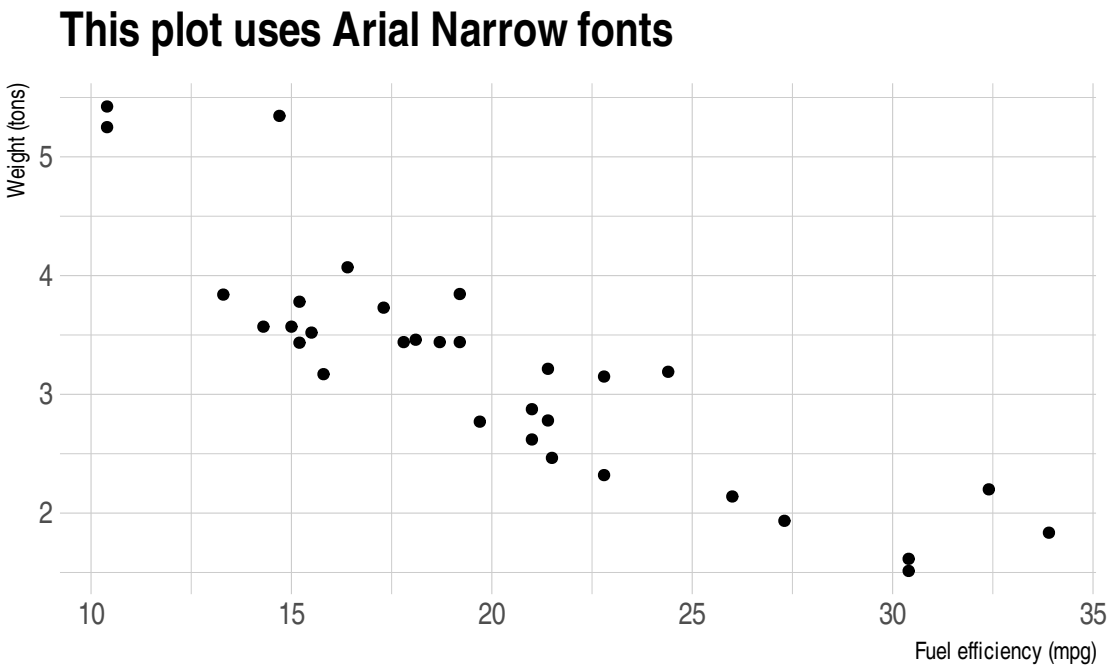
### Example figure using non-standard fonts

```
if (!require("pacman")) install.packages("pacman")
```

```
## Loading required package: pacman
```

```
pacman::p_load(ggplot2, hrbrthemes)

ggplot(mtcars, aes(mpg, wt)) +
  geom_point() +
  labs(x="Fuel efficiency (mpg)", y="Weight (tons)",
       title="This plot uses Arial Narrow fonts",
       caption="Note: Fonts must be installed separately on your system.") +
  theme_ipsum()
```




*Note: Fonts must be installed separately on your system.*

## Multi-column environments

Multi-column environments are supported via's Pandoc's fenced_divs syntax. For example, a two-column section would look like this.

Here is some example dplyr code.

```
pacman::p_load(dplyr)

mtcars %>%
  group_by(am) %>%
  summarise(mean(mpg))
```

```
## # A tibble: 2 x 2
##      am `mean(mpg)`
##   <dbl>       <dbl>
## 1     0        17.1
## 2     1        24.4
```

And the data.table equivalent.

```
pacman::p_load(data.table)
mtcars_dt = as.data.table(mtcars)

mtcars_dt[, mean(mpg), by = am]
```

```
##    am       V1
## 1:  1 24.39231
## 2:  0 17.14737
```

The same idea can be extended to additional columns and the individual column widths are also adjustable.

## Interactive content when exporting to PDF

In general, this template tries to do a good job of automatically handling (i.e. ignoring) interactive content when exporting to PDF. A notable exception is with embedded interactive content like external GIFs. In this case, rather than typing the usual, say, `![](mind-blown.gif)` directly in the Rmd file, you should include the figure with `knitr::include_graphics` in an R chunk. This will allow you to control whether it renders, conditional on output format. For example:

```
## Sorry, this GIF only available in the the HTML version of the notes.
```