Getting started

```
\documentclass{beamer}
\documentclass[17pt]{beamer} % change overall font size
\usepackage{graphicx} % Always use this for images

\title{Pluto}
\author{Laurel Farris}
\date{11/30/2015}

\begin{document}
\maketitle
\begin{frame}{frame title here}{frame subtitle here}
    text text text
\end{frame}

or \frame{title}{subtitle}
```

Fonts

```
\usefonttheme{serif}
\setbeamerfont{frametitle}{series=\bfseries}
```

common fonts:

- mathptmx
- helvet
- avat
- bookman
- chancery
- charter
- culer
- mathtime
- mathptm
- newcent
- palatino
- pifont
- utopia

```
\usepackage{selinput}
\usepackage{lmodern}
\usepackage{libertine}
\usefonttheme{default}
\usefonttheme{professionalfonts}
\setbeamerfont{frametitle}{series=\bfseries}
```

Font sizes

```
{\fontsize{}{}\selectfont}
```

image on title slide background

```
{\usebackgroundtemplate{\includegraphics[width=\paperwidth]
    {awesome.jpg}}
\begin{frame}
    \titlepage{}
\end{frame}}
```

Centering

```
\begin{frame}[c]{ }
\centering
\end{frame}
```

\centering centers *horizontally*
The [c] option centers *vertically*

labelling frame numbers

```
\setbeamertemplate{footline}{%
    \raisebox{5pt}{\makebox[\paperwidth]{\hfill\makebox[10pt]{%
    \scriptsize\insertframenumber}}}}
\setbeamercolor{footline}{fg=color}
...
\begin{document}
```

Example of table

	period	wavelength	velocity
kink osc	value	value	value
sausage osc	value	value	value
acoustic osc	value	value	value
acoustic waves	value	value	value
fast waves	value	value	value
torsional modes	10 m	value	1000 km s^{-1}

Example Table

```
\begin{center}
   \begin{tabular}{cc|c|c|}
 row 1
   \cline{3-4} & & \multicolumn{2}{|c|}{Condition (Gold standard)}\\
 row 2
   \cline{3-4} & & True & False \\
   \hline
 row 3 (and 4) - multirow
   \multicolumn{1}{|c|} % add in vertical lines
   {\multirow{2}{*}{Test outcome}}& % Text covers rows 3 and 4
 row 3
   \multicolumn{1}{|c|}{Positive} %
      & True Positive \cellcolor{green} & False Positive\cellcolor{red}\
 row 4
   \cline{2-4} \multicolumn{1}{|c|}{}
      & \multicolumn{1}{|c|}{Negative}
      & False Negative\cellcolor{red} & True Negative \cellcolor{green}\
   \hline
   \end{tabular}
\end{center}
```

Blocks

`\setbeamercolor{block title}{fg=brown}`

Resources

`sharelatex.com/learn/Beamer`

\DeclareGraphicsExtensions{.pdf,.png,.jpg} In order of preference. Don't include extension when inserting graphics. Compilers will automatically look for images with these extensions.

Colors

```
\setbeamercolor{normal text}{bg=black, fg=yellow}
\setbeamercolor{frametitle}{fg=brown}
```

Figure Template

`\includegraphics[]{pluto}`

Put nice little frame around graphic.

`\framebox{\includegraphics[width=1.5in]{kink_saus.png}}`

Figure Template

Other options:

```
width=xx[cm][in]   preferred width
width=\linewidth scale wrt width of a line in the local env.
height=xx          preferred height
height=\textheight  scale wrt to height of text on page
keepaspectratio    set to true or false, only change w or h!!
scale=xx           2 to double, .5 to reduce by half, etc.
angle=xx           rotates image by xx degrees (cc)
trim=l b r t       crop image by l from left, b from bottom, etc.
                      e.g. trim=0 1 0 2 to only trim t and b?
clip               set clip=true for 'trim' option to work
page=x             for pdfs with multiple pages
resolution=xx      specify image resolution in dpi
```

Figure Template

can also:

```
*set borders
*
```

Example:

```
\begin{figure}[p]
    \centering
    \includegraphics[width=0.8\textwidth]{image.png}
    \caption{Awesome image}
    \label{fig:awesome_image}
\end{figure}
```