

# The Basics of Beamer

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- You should have already downloaded the style file from Henc's Website.
- There are 3 files that are important, and you want to place them in the same directory as the tex file for your talk, they are:
  - » beamerthemeCUDenver.sty
  - » cu-denver.pdf
  - » mathStatSci\_horiz\_4c\_rv.pdf



- Open a new  $\text{\LaTeX}$  document and type the following into your header:

```
\documentclass{beamer}
```

```
\usetheme{CUDenver}
```

- Following this you add any packages that you would like to use:

`amsmath; amsthm; amssymb; verbatim; enumerate`

are common packages.



- Next you want to create your title page, you have to specify the author, institution, date, and title. You do that in the following way:

```
\author{ Your Name }  
\institute{ University of Colorado Denver }  
\title{ The title of your talk }  
\date{\today}
```

- When specifying the date, you can add a particular date, or `\today` will give todays date.



- Now we are ready to create the document and title page. Type the following into your document:

```
\begin{document}  
  
  \begin{frame}[t,plain]  
    \titlepage  
  \end{frame}  
  
\end{document}
```

- This should produce a complete document, with only a title page.



- Now we just add all of the frames we want! Frames are created with the general form:

```
\begin{frame}  
\frametitle{  
  
\end{frame}
```

- Add the title of your frame, and everything else works like normal  $\text{\LaTeX}$ .



You can control what slide things appear on



You can control what slide things appear on  
using the 'overprint' environment





You can control what slide things appear on  
using the 'overprint' environment  
things specified as 'only' will only take up space on specified slides



You can control what slide things appear on  
using the 'overprint' environment  
see how this took the place of the previous line?



You can control what slide things appear on  
using the 'overprint' environment  
things specified as 'onslide' will take up space for entire frame



You can control what slide things appear on  
using the 'overprint' environment

see how this didn't replace the previous line?



```
%\begin{overprint}  
% \onslide<1->{You can control what slide things appear  
% on\\[12pt]}  
% \onslide<2->{using the 'overprint' environment\\[12pt]}  
% \only<3>{things specified as 'only' will only take up  
% space on specified slides\\[12pt]}  
% \only<4>{see how this took the place of the previous  
% line?\\[12pt]}  
% \onslide<5>{things specified as 'onslide' will take up  
% space for entire frame\\[12pt]}  
% \onslide<5>{see how this didn't replace the previous  
% line?}  
%\end{overprint}
```

