Math 235: Calculus Lab

Prof. Doug Hundley

Whitman College

Week 13

Beamer

What is "Beamer"?

Beamer

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A LaTeX package designed for presentations.

Final Schedule

For these last two weeks, design and give a short presentation using Beamer.

Some options for the presentation (These are final exam slots):

- For Wed, 1PM slot: Friday, May 16th, 9-11AM
- For Wed, 2:30 slot: Friday, May 16th, 2-4PM
- For Fri, 1PM slot: Friday, May 16th, 9-11AM

Please let me know two things on the sign up sheet:

- Who is in your group (1 person, up to 3)
- What time slot you'll use.

A Basic Beamer Presentation.

Upload the "Minimal Beamer" latex file:

```
\documentclass{beamer}
\usepackage{graphicx}

\title{Minimal Beamer}
\author{Your Name Here}
\institute{Whitman College}
\date{Week 13}
```

The Flow

A Beamer document is organized by frames:

```
\begin{document}

  \begin{frame}
    (Info here...)
  \end{frame}

  \begin{frame}
    (Info here...)
  \end{frame}

\end{document}
```

The first frame is typically the title page, then that is followed by informational slides.

```
\begin{document}
  \begin{frame}
    \titlepage
  \end{frame}

  \begin{frame}
    My favorite formula is ...
  \end{frame}
```

Important note about inserting code: To use the verbatim command, you must use the "fragile" option. For example,

```
\begin{frame}[fragile]
    plot(x^2+4*x+1,x=-1..2);
\end{frame}
```

Try compiling your LaTeX document...

A Larger Example

Download "Examples from MIT". There is both a sample tex file, and a lot of examples in the PDF file.

You might change the theme and color...