



Rensselaer

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Unofficial beamer presentation template for RPI



Rensselaer

A Short Title for Your Slides

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January 22, 2024

Presentation Overview

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- Notes

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Outline

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What is this?

A template for beamer presentations. I made this template following RPI's official powerpoint template and logos [5].

Why did I do this?

I couldn't find an existing one and I didn't want to copy over citations manually.

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Table of Contents

- You already saw the table of contents.
- By default, it is in one column. If you want to divide it to multiple columns, you can use `minipage` or `columns` [6]
- To make use of this, you need to use sections, which should be placed outside of the frame [2].
- Use `AtBeginSection` to automatically show the table of contents at the beginning of each section.

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Few notes

- I tried to use relative values for margins and header/sizes where I could. It should scale well with different page sizes.
- I compiled this project with xelatex. I do not know if this will compile well on overleaf since the free version has extreme timeouts now.

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Using lists

Simple example of using lists.

- Item 1.

- Item 2.

1. Enumerate 1

2. Enumerate 2

I think this looks pretty similar to how the powerpoint one looks.

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Using figures

Here is an example of a figure.

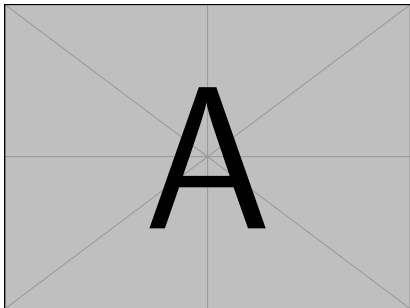


Figure: A subfigure

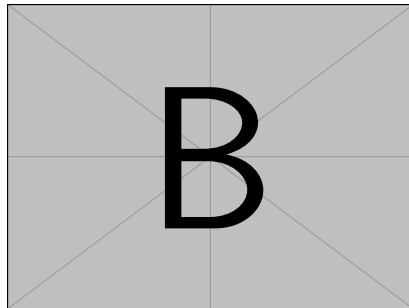


Figure: Another subfigure

Figure: Example of a figure side by side.

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Using a full screen image

Next slide shows how to use an image in full screen. I got this from [here](#)

A

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Col 1	Col 2	Col 3
a	b	c
d	e	f

Table: An example table

Findings

- This is indeed a table.
- Use minipage to put two things side by side, just like the images.
- You can also use columns, but it's not necessary [7].
 - Columns are good if you want all items aligned to the top.
 - Minipages are good if you want items to be centered in the middle.

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Textboxes

First Block

- First item of first block.
- Second item of first block.
- Notice that the next block matches the height of this one.
- I am also changing the indentation of bullets so it looks better in the boxes.

Second Block

- First item of second block.
 - first sub item of second block.

Third Block

This one doesn't have a list and doesn't match the height!

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Using Bibtex

- It should be the same as using your regular bibtex.
- I will also refer to some resources [1, 3, 4] that helped me put this together.
- You can add “[allowframebreaks]” to the frame to automatically continue the reference list in the text page if you have too many.

References I



Jeromy Anglim.

Answer to “Image on full slide in beamer package”, October 2010.



campa.

Answer to “Atbeginsection returns missing number treated as zero”, September 2022.



Claudio Fiandrino.

Answer to “Design a custom Beamer theme from scratch”, November 2013.



John Kormylo.

Answer to “Make tikz nodes flush with slide edges in beamer title slide”, October 2017.



References II



RPI.

Home | Strategic Communications and External Relations.
<https://scer.rpi.edu/>.



samcarter_is_at_topanswers.xyz.

Answer to "Beamer: Vertical alignment of multi-column ToC", October 2013.



Martin Scharrer.

Answer to "Minipage, columns, tabular: Differences in applicability?", November 2011.