

Westlake Beamer

ZX

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Introduction



The Weatlake Beamer based on CleanEasy Beamer theme provides a clean, professional look for academic and business presentations.

Key features:

- Clean, minimalist design
- Carefully chosen color scheme
- Professional typography
- Flexible block environments
- Customizable footers and section pages

About this template

This presentation serves as both documentation and demonstration, showing the various elements and features available in the theme.

Example block

Example blocks can be used to showcase code, examples, or case studies.

Alert block

Alert blocks draw attention to critical information, warnings, or caveats.

Theorem

In a right-angled triangle, the square of the hypotenuse equals the sum of squares of the other two sides.

Definition

A prime number is a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers.

Methods



Bulleted list:

- First level item
 - Second level item
 - Another second level
 - Third level item
- Another first level item

Numbered list:

1. First step
 - 1.1 Substep one
 - 1.2 Substep two
2. Second step
3. Third step

Table: Sample table with booktabs style

Header 1	Header 2	Header 3
Row 1, Col 1	Row 1, Col 2	123.45
Row 2, Col 1	Row 2, Col 2	67.89
Row 3, Col 1	Row 3, Col 2	456.78

Table styling

The Westlake theme works well with the booktabs package for professional-looking tables. Simple color alterations make tables more readable without being distracting.

The Westlake theme includes proper mathematical typesetting:

$$E = mc^2 \tag{1}$$

$$F = G \frac{m_1 m_2}{r^2} \tag{2}$$

Maxwell's equations in differential form:

$$\nabla \cdot \vec{E} = \frac{\rho}{\epsilon_0} \tag{3}$$

$$\nabla \cdot \vec{B} = 0 \tag{4}$$

$$\nabla \times \vec{E} = -\frac{\partial \vec{B}}{\partial t} \tag{5}$$

$$\nabla \times \vec{B} = \mu_0 \vec{J} + \mu_0 \epsilon_0 \frac{\partial \vec{E}}{\partial t} \tag{6}$$

Inline equations like $E = mc^2$ are also properly rendered.

```
1 # A simple Python function
2 def fibonacci(n):
3     """Return the nth Fibonacci number"""
4     if n <= 0:
5         return 0
6     elif n == 1:
7         return 1
8     else:
9         a, b = 0, 1
10        for _ in range(2, n + 1):
11            a, b = b, a + b
12        return b
13
14 # Calculate the 10th Fibonacci number
15 result = fibonacci(10)
16 print(f"The 10th Fibonacci number is {result}")
```



Figure: Sample placeholder image

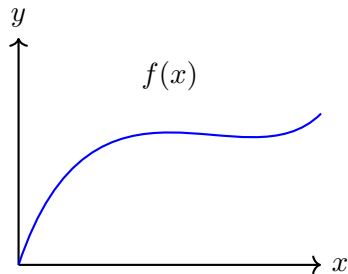


Figure: Simple TikZ diagram

Results



Beamer supports step-by-step revelations:

- First point appears on slide 1

Beamer supports step-by-step revelations:

- First point appears on slide 1
- Second point appears on slide 2

This text appears after a pause.

Beamer supports step-by-step revelations:

- First point appears on slide 1
- Second point appears on slide 2
- Third point appears on slide 3

This text appears after a pause.

Beamer supports step-by-step revelations:

- First point appears on slide 1
- Second point appears on slide 2
- Third point appears on slide 3

This text appears after a pause.

And this content appears on slide 4.

Beamer supports step-by-step revelations:

- First point appears on slide 1
- Second point appears on slide 2
- Third point appears on slide 3

This text appears after a pause.

And this content appears on slide 4.

Delayed Block

This entire block appears only on slide 5.

Westlake works well with bibliographies and citations:

Sample citation

According to Einstein [1], space and time are relative.

Bibliography management

The theme is compatible with BibTeX, BibLaTeX, and other bibliography management tools.

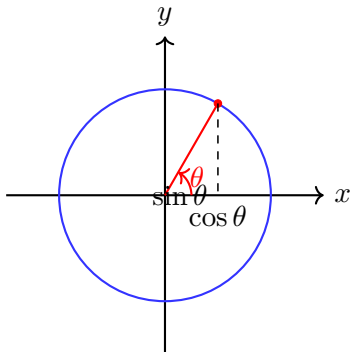


Figure: The unit circle with trigonometric functions

Conclusions



The Westlake theme can be easily customized:

- Edit `beamercolorthemeCleanEasy.sty` to change colors
- Modify `beamerfontthemeCleanEasy.sty` for different fonts
- Adjust `beamerinnerthemeCleanEasy.sty` for layout changes
- Update `configs.tex` for footer and section page customization

Benefits of Westlake

- Professional appearance suitable for academic and business contexts
- Careful attention to typography and spacing
- High readability with suitable contrast ratios
- Flexible design that works with different content types



The CleanEasy theme is designed to let your content shine without distractions



Thank you!

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<https://someurl.com>

-  Albert Einstein. *On the Electrodynamics of Moving Bodies*. Annalen der Physik, 1905.
-  Till Tantau. *The Beamer Class*. <https://ctan.org/pkg/beamer>