astate-cs-pdf Slide Theme

Text Emphasis & Key Terms

Regular Emphasis

This is regular text with *italic* and **bold** formatting.

This is *italic* with underscores and **bold** with double underscores.

Key Terms (Bold + Wine Color)

Key terms use `**_text_**` which appears in bold wine/red color:

algorithm, **data structure**, **recursion**, **variable**

Also works inline: The **time complexity** of this algorithm is important.

- Regular bullet
- *Italic bullet*
- **Bold bullet**

- **Key term bullet**

Order Matters for Key Terms

This is strong-emph (key term) - should be RED

This is emph-strong (NOT key term) - should be italic bold, NOT red

Triple markers: **either interpretation** and **also either**

Styled Spans

Text Colors

Apply colors to inline text:

- This text is red (A-State scarlet)
- This text is green
- This text is blue
- This text is orange
- This text is purple
- This text is grey
- This text is yellow

Inline usage: Important red warning in a sentence.

Highlighted Text

Background highlights for emphasis:

- Highlighted in red
- Highlighted in green
- Highlighted in blue
- Highlighted in orange
- Highlighted in purple
- Highlighted in grey
- Highlighted in yellow

Inline: Note this important detail in the text.

Key Term Spans

You can also use explicit span syntax:

- **algorithm** using `.term` class
- **data structure** using `.keyterm` class (synonym)

These produce the same result as `**_key term_**`.

Definition Lists

Terms in definition lists are automatically styled as key terms:

Algorithm

    A step-by-step procedure for solving a problem or accomplishing a task.

Data Structure

    A specialized format for organizing, processing, and storing data.

Recursion

    A programming technique where a function calls itself to solve smaller instances of the same problem.

Time Complexity

    A measure of how the runtime of an algorithm grows with input size.

Blockquotes

Here's some regular text before the quote.

> *This is a blockquote with styled formatting. It has a grey bar on the left side and proper margins. The text is italic.*

Here's text after the quote.

Multi-line Quote

> *This is a longer blockquote that spans multiple lines. It demonstrates how the grey bar extends along the entire height of the quoted content.*

> *This quote has multiple paragraphs to show how the styling handles that case.*

Back to normal content.

Footnotes

This slide demonstrates footnotes[1].

Multiple footnotes in one slide[2] with different references[3].

Academic citations[4] work well.

Longer explanations[5] are also supported.

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[1] This is a simple footnote with some text.

[2] First footnote.

[3] Second footnote.

[4] Smith, J. (2025). *A Study of Footnotes*. Journal of Typography, 42(3), 123-145.

[5] This is a longer footnote that contains more detailed information. It spans multiple lines when rendered. The footnote styling makes text 80% of normal size.

Lists

Unordered Lists

- First item
- Second item with **bold**
- Third item with *italic*
- Fourth item with **key term**

Nested Lists

- Top level item
  - Nested item 1
  - Nested item 2
    - Deep nested item
- Back to top level

Ordered Lists

1. First step
2. Second step with **emphasis**
3. Third step with **key term**
4. Final step

Lists with Footnotes

- First item with a footnote[6]
- Second item with a footnote[7]
- Third item[8]

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[6]Explanation for first item.

[7]Explanation for second item.

[8]Another helpful note.

Multi-Column Layouts

Equal Width Columns

Left Column

- First bullet
- Second bullet
- Third bullet

Text in the left column.

Right Column

- Different content
- More items
- Final point

Text in the right column.

Unequal Width Columns

Narrow (40%)

This column takes up less space.

- Shorter lists
- Less content

Wide (60%)

This column has more room for content.

- More extensive bullet points
- Additional details
- Even more content
- And another point

Three Column Layout

Column 1

First third of content.

- Item A
- Item B

Column 2

Middle third.

- Item C
- Item D

Column 3

Final third.

- Item E
- Item F

Callout Boxes

Default Callout Styles

ℹ Note

This is a note callout with default appearance.

💡 Pro Tip

This is a tip callout to highlight helpful information.

More Callout Types

> ! **Important**
>
> This is an important callout without a custom title.

> ⚠ **Warning**
>
> Be careful when modifying production code!

🔥 Caution

This operation cannot be undone.

Callout Appearance Styles

ⁱ Simple Style

This callout uses simple appearance with no header section.

Minimal Style

This callout uses minimal appearance with only a left border.

No Icon

This callout has the icon disabled.

Styled Divs

Smaller Text

This text is smaller than normal, useful for fitting more content on a slide.

- Bullet point one
- Bullet point two
- Bullet point three

You can include multiple paragraphs in smaller blocks.

Aside Content

This is an aside block with supplementary information that appears in a distinct style.

Main content continues here with normal formatting.

Code Blocks

Inline code: `variable = value`

Code block with syntax highlighting:

```python
def factorial(n):
    """Calculate factorial recursively."""
    if n <= 1:
        return 1
    return n * factorial(n - 1)


# Test the function
result = factorial(5)
print(f"5! = {result}")
```

Technical detail with footnote[9].

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[9]In Python 3.x, this behavior differs from Python 2.x.

Combined Features

Columns with Callouts

ⓘ Left Side

Important information on the left.

💡 Right Side

Helpful tip on the right.

Mixed Content Example

Main Content

Regular text with **key terms** highlighted.

Definition list in a column:

Algorithm

Step-by-step procedure

- Detailed sub-point 1
- Detailed sub-point 2

⚠ **Watch Out**

Test thoroughly!

A quote in the right column.

Everything Together

This slide combines multiple features:

- **Bold** and *italic* text
- **Key terms** in wine/red color
- Colored text and highlighted text
- Inline code: x = 42
- A footnote[10]

> *Some blockquote text.*

Some smaller text for additional details.

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[10]This is a footnote.

Summary

This test document demonstrates all major features:

1. Text emphasis (bold, italic, **key terms**)
2. Colored and highlighted spans
3. Definition lists with auto-styled terms
4. Blockquotes with styling
5. Footnotes at smaller size
6. Multi-column layouts (equal and unequal widths)
7. Callout boxes (multiple types and styles)
8. Styled divs (`.smaller`, `.aside`)
9. Combined and nested features

All features work with standard Quarto/Markdown syntax plus custom extensions.