Version 2.3

Center for Discovery of Aquatic Life on Mars

2021 Hitch Hiker's Guide to Space Travel

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Introduction

For 4-by-3 aspect ratio slides, specify standard as an option to the document class. Write your presentation like a normal LaTeX file with a \maketitle command and \chapter and \section headings. The \maketitle contents are defined by the following macros:

<div align="center">

\pretitle   \title   \subtitle

\author   \extralogo

</div>

The \extralogo command specifies an extra logo below the AFIT crest. The \chapter heading creates a slide with just the chapter name. The \section heading sets the title of a new slide. However, if no text follows the section, no slide will be created. Text which does not fit on one slide will flow onto the next slide automatically.

Use the \twocolumn and \onecolumn commands right after the section heading to control the number of columns. Text will flow from the left column to the right.

- Point one
- Point two
- Point three
- Point four
- Point five
- Point six
- Point seven
- Point eight
- Point nine
- Point ten
- Point eleven
- Point twelve

You can use \pagebreak to force text onto the next column.

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You can create any variety of subdivisions on your slide by using the `tabular` environment.

Primary	Secondary	Tertiary
First	Second	Third
One	Two	Three

Alpha	Beta	Gamma
Green	Blue	Red
Cyan	Yellow	Magenta

The `\cellcolor` command sets the background color of a table cell.

Use the `Center` environment
to center horizontally *and* vertically.

Explicit Code

Use the `python` environment for Python code.

```python
def write_list(fid, x, level):
    ind = '  '*level
    xs = '0' if abs(x[0]) < 1e-3 else "%.3f"
    txt = '\n%svalues=\"%s' % (ind, xs)
    for n in range(1, len(x)):
        xs = '0' if abs(x[n]) < 1e-3 else "%.3f"
        if len(txt) + 3 + len(xs) >= 80:
            fid.write(txt + ';\n')
            txt = ind + '  ' + xs
        else:
            txt += '; ' + xs
    fid.write(txt + '\"')
```

Use the `matlab` environment for MATLAB code.

```matlab
function savepdf(name, width, height)
    % name is the file name including ".pdf".
    % Both width and height are in (cm).
    set(gcf, 'units', 'centimeters', ...
        'position', [0, 0, width, height])
    set(gca, 'FontSize', 9);
    set(gca, 'FontName', 'Times New Roman');
    exportgraphics(gcf, name, ...
        'ContentType', 'vector');
end
```

Use the `rlang` environment for R code.

```r
factorial <- function(n) {
    if (n == 0 || n == 1) {
        return(1)
    } else {
        return(n * factorial(n - 1))
    }
}
```

Control and Classification

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Unless your presentation is being distributed, no markings need to be applied. If it is approved for public release without restriction, you can mark it as Distribution A with the \distributionA command.

If it is approved with a different distribution statement (B through F), specify the banner (markings in the header and footer) with \banner{cui} and fill in the details with the \cui command:

```
\cui{Controlled By: AETC \\
    Controlled By: AFIT/ENG \\
    CUI Category(ies): PRVCY \\
    Distribution: \DistB{CATEGORY}{DATE}{OFFICE} \\
    POC: John Smith, 555-123-4567}
```
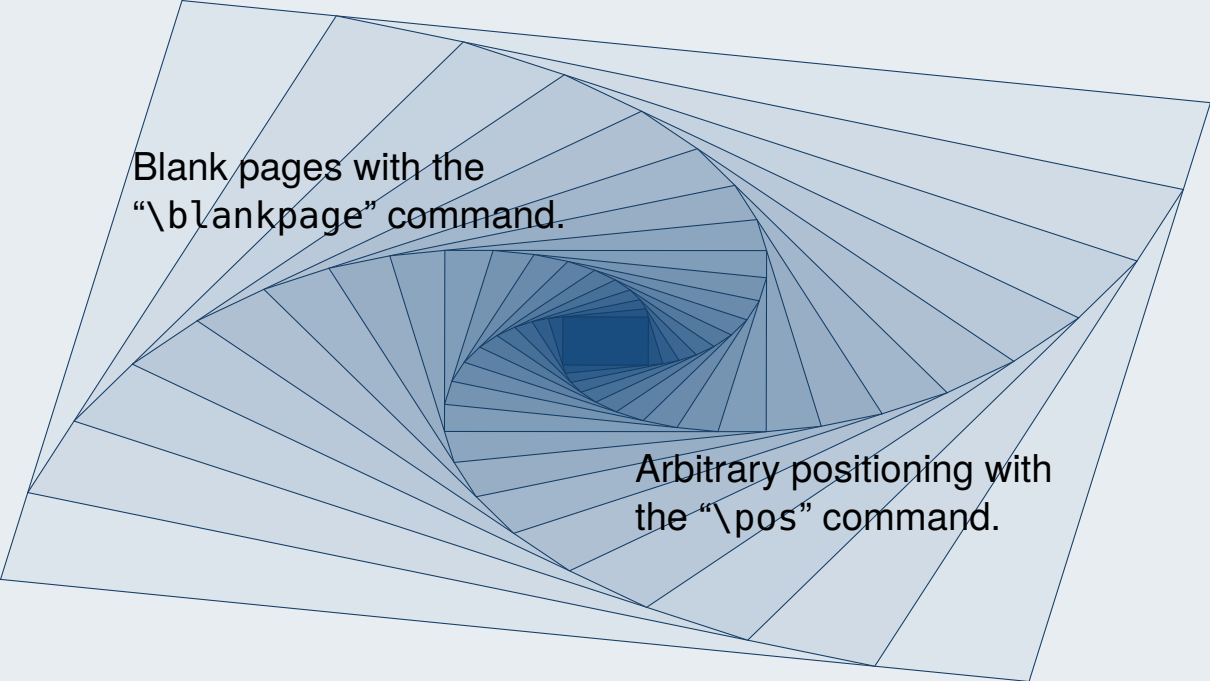
For classified information, use the \banner command and the classification (e.g., \banner{secret}) and the \classified command:

```
\classified{
    Classified By: \\
    Derived From: \\
    Declassify On: }
```

Although specific colors are not officially dictated, it is common to use certain colors for certain degrees of information control. A color theme can be set for the presentation by entering the color as a parameter to the class: \documentclass[purple]{antbrief}. The commonly used colors are

Top Secret//SCI	yellow	Confidential	blue
Top Secret	orange	CUI	purple
Secret	red	Uncontrolled	green

Note that "CUI" means "Controlled Unclassified Information."

Blank pages with the
"\blankpage" command.

Arbitrary positioning with
the "\pos" command.

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