



### Core Applications & File Formats

#### Application Overview

<b>Word Processors</b>	Used for creating and editing text documents. (e.g., Microsoft Word, Google Docs, LibreOffice Writer)
<b>Spreadsheet Software</b>	Designed for organizing, analyzing, and storing data in tabular form. (e.g., Microsoft Excel, Google Sheets, LibreOffice Calc)
<b>Presentation Software</b>	Used for creating visual presentations with slides, text, images, and multimedia. (e.g., Microsoft PowerPoint, Google Slides, LibreOffice Impress)
<b>Email Clients</b>	For managing email correspondence, calendar events, and contacts. (e.g., Microsoft Outlook, Gmail)

#### Common File Formats

<b>.docx</b>	Microsoft Word document (Office Open XML)
<b>.xlsx</b>	Microsoft Excel spreadsheet (Office Open XML)
<b>.pptx</b>	Microsoft PowerPoint presentation (Office Open XML)
<b>.odt</b>	OpenDocument Text (Writer)
<b>.ods</b>	OpenDocument Spreadsheet (Calc)
<b>.odp</b>	OpenDocument Presentation (Impress)
<b>.pdf</b>	Portable Document Format (for universal document viewing)

### Word Processing Essentials

#### Formatting Text

<b>Bold</b>	Ctrl+B (Windows) / Cmd+B (Mac)
<b>Italic</b>	Ctrl+I (Windows) / Cmd+I (Mac)
<b>Underline</b>	Ctrl+U (Windows) / Cmd+U (Mac)
<b>Font Size</b>	Use the font size dropdown or Ctrl+Shift+> (increase) / Ctrl+Shift+< (decrease)
<b>Font Color</b>	Select text, then choose a color from the font color palette.

#### Page Layout

<b>Margins</b>	File > Page Setup (or Layout > Margins in some suites)
<b>Orientation</b>	File > Page Setup (or Layout > Orientation) - Portrait or Landscape
<b>Headers &amp; Footers</b>	Insert > Header/Footer. Add page numbers, dates, or document titles.
<b>Page Breaks</b>	Insert > Break > Page Break (or Ctrl+Enter)

#### Working with Objects

<b>Inserting Images</b>	Insert > Picture > From File. Adjust size and position as needed.
<b>Inserting Tables</b>	Insert > Table. Specify rows and columns.
<b>Shapes</b>	Insert > Shapes. Choose from various shapes and drawing tools.

### Spreadsheet Mastery

#### Basic Formulas

<b>SUM</b>	<b>=SUM(A1:A10)</b> - Adds the values in cells A1 through A10.
<b>AVERAGE</b>	<b>=AVERAGE(A1:A10)</b> - Calculates the average of values in cells A1 through A10.
<b>COUNT</b>	<b>=COUNT(A1:A10)</b> - Counts the number of cells with numerical values in the range A1:A10.
<b>MAX</b>	<b>=MAX(A1:A10)</b> - Returns the largest value in the range A1:A10.
<b>MIN</b>	<b>=MIN(A1:A10)</b> - Returns the smallest value in the range A1:A10.

#### Cell Formatting

<b>Number Format</b>	Format Cells > Number. Choose from General, Number, Currency, Date, etc.
<b>Alignment</b>	Format Cells > Alignment. Adjust horizontal and vertical alignment.
<b>Font</b>	Format Cells > Font. Change font type, size, and style.
<b>Borders</b>	Format Cells > Border. Add or modify cell borders.

#### Data Manipulation

<b>Sorting</b>	Data > Sort. Sort by column(s) in ascending or descending order.
<b>Filtering</b>	Data > Filter. Filter data based on specific criteria.
<b>Conditional Formatting</b>	Format > Conditional Formatting. Highlight cells based on rules.

### Presentation Design

#### Slide Layouts

<b>Title Slide</b>	First slide of the presentation, includes title and subtitle.
<b>Title and Content</b>	Slide with a title and a content area (e.g., bullet points, images).
<b>Section Header</b>	Used to introduce a new section in the presentation.
<b>Two Content</b>	Slide with two content areas side-by-side, useful for comparisons.
<b>Blank</b>	Empty slide for custom layouts.

#### Animations & Transitions

<b>Animations</b>	Effects applied to individual elements on a slide (e.g., text, images).
<b>Transitions</b>	Effects applied when moving from one slide to the next.
<b>Adding Animations</b>	Select the object, go to the Animations tab, and choose an effect.
<b>Adding Transitions</b>	Go to the Transitions tab and select a transition effect.

#### Presentation Delivery

<b>Start Slideshow</b>	Slideshow > From Beginning (or F5)
<b>Presenter View</b>	Displays notes, next slide, and timer on a separate screen for the presenter.
<b>Navigation</b>	Use arrow keys, Page Up/Down, or click to advance slides.
<b>Ending Slideshow</b>	Press Esc to exit the slideshow.