

# LaTeX Beginner Syntax Cheat Sheet

## □ Document Structure

```
\documentclass{article} \begin{document} Hello LaTeX! \end{document}
```

## □ Text Formatting

```
\textbf{Bold} \textit{Italic} \underline{Underline} \texttt{Monospace}  
\textsc{Small Caps}
```

## □ Line Breaks & Spacing

```
\vspace{5pt} \hspace{10pt}
```

## □ Sections

```
\section{Title} \subsection{Subtitle} \subsubsection{Sub-subtitle}
```

## □ Lists - Itemize

```
\begin{itemize} \item Point 1 \item Point 2 \end{itemize}
```

## □ Lists - Enumerate

```
\begin{enumerate} \item Step one \item Step two \end{enumerate}
```

## □ Hyperlinks

```
\usepackage{hyperref} \href{https://google.com}{Click Here}
```

## □ Table

```
\begin{tabular}{|c|c|} \hline A & B \\ \hline 1 & 2 \\ \hline \end{tabular}
```

## □ Images

```
\usepackage{graphicx} \includegraphics[width=0.5\textwidth]{image.png}
```

## □ Comments

% This is a comment

## □ Packages

```
\usepackage{geometry} \usepackage{enumitem} \usepackage{simpleicons}  
\usepackage{fontspec}
```

## □ Custom Fonts (XeLaTeX)

```
\usepackage{fontspec} \setmainfont{Times New Roman}
```

## □ Math Mode - Inline

$a^2 + b^2 = c^2$

## □ Math Mode - Display

$$E = mc^2$$