

$L^A T^E X$ and Overleaf

In this section, we provide some resources on how to use $L^A T^E X$ and Overleaf.

Quickstart:

Learn $L^A T^E X$ and Overleaf in 30 minutes [here](#)

Introduction to Overleaf

Overleaf is an online LaTeX editor tool that allows you to create LaTeX documents directly in your web browser. You can create a new project in Overleaf, either starting from scratch, uploading your own files or using one of the many templates available. Here, we highlight some key features in Overleaf that are useful for this class.

- [Creating a document](#)
- [Creating a project from template](#)
- [Sharing a project](#)
- [Writing mathematical expressions](#)
- [Writing matrices](#)
- [List of Greek letters and math symbols](#)
- [A longer list of symbols](#)
- [Inserting images](#)
- [Inserting tables](#)
- [Adding bibliography](#)

Introduction to $L^A T^E X$

$L^A T^E X$ is a software system for document preparation. It is widely used in academia for the communication and publication of scientific documents in many fields, including mathematics, statistics, computer science, engineering, physics, economics, linguistics, quantitative psychology, philosophy, and political science. Below is a 3-part online introduction to $L^A T^E X$.

- [The Basics](#)
- [Structured Documents and More](#)
- [Not Just Papers: Presentations and More](#)

To understand more about the features and functions in $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ and Overleaf, refer at the [user guide](#).

