

NTK

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The image shows the Overleaf website header and a screenshot of the LaTeX editor interface. The website header includes the Overleaf logo, navigation links for Features & Benefits, Templates, Plans & Pricing, and Help, along with Register and Log In buttons. The main content area features the text "LaTeX, Evolved" and "The easy to use, online, collaborative LaTeX editor". The screenshot shows a LaTeX editor with a file explorer on the left, a source code editor in the middle, and a preview window on the right. The source code includes LaTeX commands for document class, packages, title, author, date, and sections. The preview window shows the rendered output of the document, including the title "The Universe", the date "May 2019", and the start of an "Introduction" section.

Introduction to LaTeX Using Overleaf

Ibrahim.abou.khashabh@techlib.cz



1. Introduction to LaTeX
2. Using Overleaf
3. LaTeX Examples Using Overleaf
 - 4.1. How to Make Sections and Subsections?
 - 4.2. How to Leave Comments?
 - 4.3. How to Make Tables?
 - 4.4. How to Include Figures?
 - 4.5. How to Make Lists?
 - 4.6. How to Write Mathematics?
4. Citations

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WHAT is LaTeX?!

LaTeX is a powerful document preparation system, well-suited for technical documents, in particular those that contain mathematical expressions, tables, figures and references.

WHY LaTeX?!

- Price: Is freely available for all major computer platforms.
- Quality and Aesthetics: Can produce organized nicely formatted documents.
- Editing, versioning and outputs
- Takes care of **automatic numbering** of sections, equations, tables, figures, theorems and references.
- Focus on Content

Word vs LaTeX

Area	MS Word	LaTeX
Speed small docs	WYSIWYG ***	WYSIWYM ***
Speed big docs with graphics	***	***
Ease of use	***	***
Layout quality	***	***
Scientific features	***	***
Price + availability	***	***

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Introduction to LaTeX

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Get LaTeX?

<https://www.latex-project.org/get/>



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Overleaf? Why?

- The easy to use, **online**, **collaborative** LaTeX editor.

<https://www.overleaf.com/>

- **Collaboration, Ease of Use, Document history, Work from anywhere**
- A lot of templates to start with:

<https://www.overleaf.com/latex/templates>

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LaTeX Examples

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Tips and Tricks

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Tips and Tricks for Troubleshooting LaTeX

https://www.overleaf.com/learn/latex/Questions/Tips_and_Tricks_for_Troubleshooting_LaTeX



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Questions?

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