
Presenting our L^AT_EX workshop online

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Preparing for our first-ever video L^AT_EX class was much harder than we thought it would be. We would each start a video, find an error or make an error while speaking and have to start all over again. This would happen several times in a row. It was very frustrating.

Once we finally completed the videos and were happy with them, we sent them to Paulo Ney de Souza for processing and posting.

One of the things we noticed, comparing the video class and in-person class, is that if we make a mistake in the in-person class we can recover much more easily, while in the video class we would have to start over.

It was interesting to watch the videos as they were shown on Thursday, July 23rd, before the conference. We liked being able to answer questions via chat. We didn't have to stop the videos to answer questions. There were also people adding various pieces of information that was good for all of the attendees to learn.

Overall, we thought it went really well. Definitely a good option since no one could attend the conference in person because of the pandemic. Paulo Ney de Souza was so helpful getting everything set up for us. Cheryl sent him all of the videos and Paulo put them in the order we requested.

The table of contents for the syllabus is included here. The full syllabus, both the L^AT_EX source and output PDF, is linked from <https://tug.org/tug2020/workshop.html>.

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L^AT_EX Workshop TUG 2020 Conference

- 1 Creating a L^AT_EX Document
- 2 Creating Numbered Section Headings
- III Creating a Section That Uses Roman Numeral Numbering
- IV Still Using Roman Numbering for Sections
 - 5 Changing Numbering Back to `arabic`
 - 5.1 Creating Subsection Headings
 - 6 Creating Footnotes
 - 7 Changing Font Styles
 - 8 Marking the Margin of a Paragraph
 - 9 Text in Columns
- 10 Creating a Table of Contents
- 11 Adding to Contents
- 12 Itemizing, Enumerating, and Nesting
- 13 Theorems, Lemmas, etc.
- 14 Basic Tables
- 15 Simple Mathematics and Creating Equations
 - 15.1 Subscripts and Superscripts
 - 15.2 Accents
 - 15.3 Binomial Coefficients
 - 15.4 Congruence
 - 15.5 Delimiters
 - 15.6 Operators
 - 15.7 Ellipses
 - 15.8 Integral
 - 15.9 Sum
 - 15.10 Matrices
- 16 How to do Bibliographies
- 17 Getting the Output