

CO327 Deterministic OR Models (2021-Spring)

## About scribing and L<sup>A</sup>T<sub>E</sub>X

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## Scribing (~~10%~~ course grade)

2021-July-9 update: 20%

- ▶ What is scribing: taking careful notes during class and write them up.
- ▶ Usually in advanced course (postgrad level+), the original idea of scribing is to prepare notes for the course that do not have a good textbook.
- ▶ CO327 is very fundamental, then why scribing: a form of training on making academic material.
- ▶ What to scribe: theory part of the course.  
So as to familiarize yourself with the theories!


# How to scribe

- ▶ Take notes during class.
- ▶ Prepare your notes in  $\LaTeX$ , written in complete sentences that would be *understandable by a student who might have missed class*, **not merely a transcription of the notes that you jotted down during class.**
- ▶ Learn how to “select information”:
  - ▶ Do not put down administrative info (such as due dates for assignment) or my stupid jokes (if any) in your scribe notes.
  - ▶ Hide details that are less important.
  - ▶ Identify what is “important” or what is “difficult to understand”, and then elaborate by including figure, example, tables (if appropriate) for better explanation.
- ▶ Installing  $\LaTeX$  is not required: you can use Overleaf.
- ▶ Contact me if you have question(s).

## How your scribe notes will be graded

- ▶ Grade points: 0 - 10.  
Base point = 1 if you scribe.  
Scale to 100 finally.
  
- ▶ Three grading criteria with 1-3 points: 1 poor, 2 average, 3 good.
  - ▶ Academic correctness: anything wrong in the notes?
    - 3: no error, showing the scribe has mastered the content.
    - 2: a few errors, showing the scribe does understand the content.
    - 1: many errors, showing the scribe doesn't understand the content.
  - ▶ Organization: how well is the notes organized
    - 3: good logical flow, easy to understand
    - 2: have some structure but incomplete
    - 1: just simply a collection of equations and theories, no organization
  - ▶ Language: Use of English
    - 3: looks like a textbook
    - 2: imperfect writing style but ok
    - 1: incorrect style and unreadable

## Writing tool: $\LaTeX$

- ▶ What is  $\LaTeX$ : <https://en.wikipedia.org/wiki/LaTeX>
- ▶ Why  $\LaTeX$  but not Microsoft Words: google it yourself.
- ▶ How to  $\LaTeX$ 
  - ▶ Install it into your machine  
How: google it yourself.
  - ▶ Use cloud-based editor: Overleaf   
<https://www.overleaf.com/>
- ▶ What's next: Demo: overleaf and Simple short notes on Interior Point Method.