CO327 Deterministic OR Models (2021-Spring) About scribing and LATEX

Instructor: Andersen Ang Combinatorics and Optimization, U.Waterloo, Canada msxang@uwaterloo.ca, where $\mathbf{x} = \lfloor \pi \rfloor$ Homepage: angms.science

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Scribing (10% course grade)

- ► 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: The LP economic model of production and manufacture

How to scribe

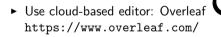
- ► Take notes during class.
- ► Prepare your notes in LATEX, written in complete sentences that would be *understandable* by a student who might have missed class, not merely a transcription of the notes that you jotted down during class.
- ► Learn how to "select information":
 - ► Do not put down administrative 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 $\mathbb{E}T_{EX}$ 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 scriber has mastered the content.
 - 2: a few errors, showing the scriber does understand the content.
 - 1: many errors, showing the scriber doesn't understand the content.
 - \blacktriangleright 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 Late Not Microsoft Words: google it yourself.
- ► How to LATEX
 - Install it into your machine How: google it yourself.



► What's next: Demo: overleaf and Simple short notes on Interior Point Method.

Summary

- ► What you need to do
 - Produce a up-to 3 pages own notes

 - Deadline 2022-July-31
 - ► Submission: Dropbox in Waterloo Learn
- Topic: LP economic model of production and manufacture industry, based on the material
 - ► Lecture on July 6 and
 - https://angms.science/doc/teaching/C0327/7app_optimal_control.pdf
- ► My LATEX sample codes for your reference
 - Simple: https://angms.science/doc/teaching/C0327/norms.7z
 - Advanced: https://angms.science/doc/teaching/C0327/LaTeXExample.7z