NOTES ON THE GROUP VIDEO

CO 330, FALL 2026

How, when, and where to submit. On Monday Dec. 7 at 3pm your group videos will be due on LEARN. We are using LEARN because crowdmark doesn't allow video submissions.

Additionally, unless your group specifically tells me otherwise, I will post the videos on LEARN so that everyone in the class can use them to review for the final. Using LEARN for this means they won't be publicly accessible, but only accessible to people in the class.

What it should contain. Your group should pick one topic from the course or a closely related topic not directly in the course. The easiest approach is to pick one subsection of the `enumeration.ca` notes since they are about the right size for a video. If you want to pick something that interests your group and is related to the course but is not directly in the course, send me a quick email `ren.yeats@uwaterloo.ca` just to make sure you've picked something with a suitable scope.

Your group's presentation should:

- Explain the topic you picked – give the notation/definition/proposition as suits the topic.
- Give an example illustrating your topic.
- Work through one problem involving your topic. You can take a problem from the exercises in either set of notes, or from assignment problems, or other resources.
- Say one interesting thing you learned beyond what the textbook directly says.

It does not need to be long. If you have covered all those things then that's all you need to say. I'd be surprised if you can do it all in less than 5 minutes, but I'd also be surprised if you need more than 20 minutes. Somewhere between those extremes is probably best.

Your video will be graded on the basis of whether your explanations are clear and pedagogical, suitable for a student at the level of this course, whether your work is mathematically correct, and whether you make an overall coherent narrative explaining your topic.

Technically, it doesn't need to be fancy (though have fun with it if you want to make it fancy!) One easy thing you can do is prepare some slides, then get all your group together in a zoom meeting where you present your slides and just record the meeting.

The groups. Everyone in the group should participate in the presentation in some way. Perhaps the easiest way to do this is to have each member do one of the bullet points (splitting up one of the item if you have a group of five or six or combining them if you have a group of less than four). Alternately some members may participate more in preparing your script or slides or on video editing, while others do more of the presentation. It is up to you to ensure that all members participate.

I will leave it open for you to form groups of 3 to 6 people on your own until Monday Nov 16. After that I will assign all unassigned people to groups. You can form your groups on LEARN. Please sign up sooner rather than later so that if there are any technical issues, we can sort them out before it is too late.