

ABOUT MIDTERM 1

CO 330, FALL 2026

The first midterm is Wednesday October 7 from 9:30 to 10:20 in our usual classroom MC 4060.

The midterm consists of 4 questions of which you must do any 3. There will not be a formula sheet, but if you happen to forget something that you would need for a question you are not stuck as you can choose to do the other 3 questions. There are not very many formulas you need for this class anyway and it is worth taking a little time to remember them. Lagrange implicit function theorem (LIFT), the negative binomial theorem, and the series definitions of $\exp$ and $\log$ come to mind.

All the material from the start of class up to and including LIFT are fair game for midterm 1. Note that LIFT is covered on the exam even though it hasn't been on an assignment yet.

You can find practice questions to help you prepare in a few different places. There are the assignment questions that you didn't do the first time. There are exercises in both of the sets of notes we are using as references <https://melczer.ca/330/WagnerNotes.pdf> and <https://enumeration.ca/>. For any of these sources of questions that don't have solutions, post your ideas, questions, or potential solutions on Piazza and we can build solutions collaboratively as a class.