MAT223 – Linear Algebra I – Winter 2023

Written Assignment 5

Due Sunday 9 April at **11:59pm** on Crowdmark

1 Notes and instructions

- This assignment contains four problems.
- Begin the process of submitting your solutions early. **Late assignments will receive a grade of 0**, and we will not make exceptions to this, especially if you began submitting your assignment minutes before the deadline. **Of particular note**, all of your submissions here will be split into multiple questions on Crowdmark and some doubled up for writing feedback, so **leave yourself time to do all of that.**
- Organize your solutions neatly and write clearly/legibly. If we can't read your submission, then it won't get any points.
- Explain your solutions to each problem clearly. Your goal with this and any other assignment is to **communicate your answers and your reasoning for why they are correct as clearly as possible to the reader**.

As a general note, this assignment looks much longer than it actually is. Please don't be worried. The idea here is to walk you through some interesting things, so there's lots of exposition and hints. It's likely the shortest of the five written assignments we have had.

2 Problems