

MAT 211: Intro Linear Algebra, L03, Spring 2023 Presentations

You will need to partner with another student in the class to prepare two short, 10-20 minute, presentations on topics from different chapters in the book (listed under *Applications*, *Exploration*, and *Vignette*). Each of you will present once, but your partner may help during the presentation if need be and you will prepare both presentations together (with help from others if need be). The latter should include a timed practice run. Both of you will receive the same score of the form $*/5$ for each of the two presentations, which be averaged together for your presentation grade for the class (if the number of students in the class ends up being odd, there will be one group of three, for whom the average of three scores will be taken). The score for each presentation will be based on the mathematical correctness, the clarity of the presentation, the engagement of the audience, and your own assessment of your presentation in these regards (about half a page typed, to be submitted the day after the presentation). Each presentation will take place at the beginning of the lecture immediately after the relevant material is covered in class.

Over the first two lectures, please try to decide whether you'll be staying in the class. If so, please meet the other students in the class, find a partner for the presentations, and meet with them to discuss which topics on you would like to present. The possibilities include:

Chapter 1 p32,48; Chapter 2 p83,84,85,99,101,102,104,107,109,121

Chapter 3 p226,230,235,239; Chapter 4 p284,286,330,335

In the afternoon of Thursday, 01/26, please email the instructor a ranked list of at least 5 topics from at least 3 different chapters that you would like to present and the dates on which you won't be able to attend the lecture. Do not try to figure out now what the book is saying about these topics; just decide based on how the topics sound to you. Please email from the email address shown in solar and cc the email to your presentation partner at the email address shown for them in solar (one email per presentation group).

These presentations should be the most relaxing aspect of this class, with the right attitude. They are not intended to be some kind of public examination/interrogation/embarrassment. The aim of these presentations is to provide you with an opportunity to understand some topic in the course well enough to present it to others. You may end up getting a very good score for your presentation even if it is somewhat off mathematically or in other aspects. It is very likely that you will have to make presentations with much less readily available information and in front of much larger audiences during your time at SBU; so the presentations in this class will be some practice for presentations in more challenging circumstances. If you are not presenting, please be supportive of the presenter by paying attention.

Bonus: You may receive up to 1 point bonus for the semester (that is out of 100 points) for meaningfully contributing to other students' presentations with questions and/or comments.