

Foothill College, Spring Quarter 2021
Math 2B: Applied Linear Algebra
Class 4: Wednesday 4/14/2021 from 1:30pm - 3:45pm

Journal entry:

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)
2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?
3. How can Jeff best support this recognizing that we are working as a team?

Alex Tway

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1330-1545)
As a member of my group, I need to be a good contributor in order to make this a valuable experience during in-class meetings.
2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?
I want my group to be organized and structured because those are things that I thrive on.
3. How can Jeff best support this recognizing that we are working as a team?
Prof. Jeff can best support that we are working as a team by checking in with us on a weekly basis.

ZACHARY MCCORMICK

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)
In order to be a valuable member of my group I need to be able to follow the guidelines that we create together based on the structure of the class, as well as utilize the information that I gain to better educate and become educated on the field of study. The structure should include a post-analysis discussion on the material, and how we can use it or define it to solve problems. Furthermore, I think it is also important to be able to create a relationship with my team in order to better understand how we can connect through mathematics.
2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?
Already I think that my group is going to be exceptional. Huston, Alex, and Radha all seem to have the same willingness to learn and work together to perform well in Linear Algebra and Jeff's interpretation of the classroom setup, as well as a desire to utilize the concepts for our intended major. We also have shared ideas about how to create better portfolios and how to understand concepts on the lesson notes and videos provided. Overall, the type of group that we want to be is one that can work on the material at the same pace, better ourselves as students in regards to education and note taking, and work together to achieve a common goal

(become more proficient in the field of mathematics via Linear Algebra). However, I think the ability to push each other to much deeper levels of learning is going to be a struggle. The best way we are going to be able to do this is to communicate our interpretation of the material that we have attempted to gain a focused understanding of, and how to utilize that material to solve problems.

3. How can Jeff best support this recognizing that we are working as a team?

Due to the constraints of the time for an individual class, it is difficult for Jeff to be able to individually provide a "personal touch" to improving each of us individually while simultaneously emphasizing the ability to amplify our groups' overall focus on deep learning (together). I think the best way to do so is just to be able to track our individual progress, and see how we are working together to gain more knowledge and understanding of the material at hand.

Furthermore, providing insight on how we can adjust our learning outcomes to better our individual learning requirements as a group.

Huston Scharnagl

Journal entry:

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?
How can Jeff best support this recognizing that we are working as a team?

1. In order to be a valuable member of my group I need to come to class prepared to discuss the material that was assigned for that day. I should also come prepared to ask questions about parts I don't understand as well as answer questions about sections I firmly grasp. I should prepare the notes I have taken and get ready to build on and expand them as I listen and interact with the other people in my group. I should also be prepared to begin to look at the material for next class as well.
2. I like the group structure I am in is working well for me. Whenever someone needs to speak there is mutual respect between us and we all listen and respond both intelligently and helpfully. I would like to work more on bettering my notes as a group and working to see if we can find a way so that all of us may have the best notes that we can possibly take in respect to the ways we learn. I like the organization of the group however I would like to come up with some sort of way to define what we expect of each other when it comes time for us to begin in our weekly sessions and what they expect of me so I can best perform and help them.
3. As of right now I am still working on understanding this learning method so I do not know how Jeff can best support me. Jeff can help by supporting us in helping our thoughts and reaching the goals that we set for us as well as helping us to find solutions to the problems we have and not just coming in and giving us solutions.

Erik Bach

1. I need to give my full attention to this class during the lecture time and whenever I'm engaging with any of the content Jeff has put out. I also need to be able to contribute something meaningful about the content. Being able to work with my group and communicate would be the biggest thing though.
2. I think this depends on the type of groups that we have. My group seems to be a bit more independent in how we are doing things due to the nature of our portfolios. I think our group would probably like to be there to bounce ideas off of each other and to serve as a think tank for our endeavors.
3. I would like Jeff to give us feedback and ideas on our creative projects and advice on how to proceed from our current progress.

Ivana Chen:

1. As a group member, I can make sure we try our best to stay on topic, and not drift off to another topic. Likewise, make sure everyone in my group understands the material at hand, and is not confused after a lecture or quiz.
2. I want my group to be a relatively relaxed and dynamic group setting. To specify, I hope my group is relaxed enough to be able to ask questions if they need help, and be willing to answer questions to others as well. By dynamic, I hope my group is effective in getting through the lecture notes on time (using Jeff's pace) and be able to come to class with the material prepared already in order to develop deeper learning.
3. Jeff can support us by giving us ample time to work together as a group. Overall, I think Jeff has already given us his best support since he already established breakout rooms for us to converse in and give us the 'freedom' to decide within our specified group on what we should do in that breakout room, i.e. if we want to go over the quiz, lecture, or any questions we have to ask.

Linda Vuong:

1. As a member of my group, I need to be on track with the lectures and materials presented in order for this to be a valuable experience during in-class meetings. Since my group's pace is Jeff's pace (normal pace), I need to be accountable in keeping that pace in order to converse and solve problems with my team members. That way, we'll be able to answer each others' questions if there are any and struggle through work together. ;)
2. So far, my team's chemistry is pretty good since the majority of us are comfortable casually talking to each other and aren't hesitant in asking each other questions. I like

my team's dynamic and group structure as it is now since we often have open discussions about either the lecture videos or other confusions.

3. In my opinion, I think Jeff's already doing the best he could to support us by providing multiple methods in improving our learning (via different portfolio ideas), taking time to meet with us to improve those portfolios, while letting us lean on our peers/ TA's when we need help. Once again, this class is unlike other classes. I don't think people have had a professor as concerned as Jeff when it comes to actual learning. ;DD

Angel Vilchis:

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I can use in-class meetings to talk to my peers about any questions or confusion we experienced while watching the current lessons. If we are all on the same page, I can use the time to organize my lecture notes.

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I want us to be open to discussion and help each other out if needed.

How can Jeff best support this recognizing that we are working as a team?

Jeff can support us by answering or giving advice to the questions we couldn't figure out as a group.

Smarpan (Summer) Monga :

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I need to make sure that I am prepared by watching all of the content ahead of time. It would also be helpful if I have all of my questions prepared ahead of time so I can ask them to my group and TA's.

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

It would be helpful if everyone were on the same page so we can hold discussions about the material and go over things that we are having difficulty retaining.

How can Jeff best support this recognizing that we are working as a team?

Jeff can support us by allotting time for us to get together and discuss. Jeff can also be open to us visiting other groups if needed to get a question answered.

Theo Hsiung:

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings

As a member of my group, I want to try and stay communicating with my groupmates, and keep up with the videos in order to make sure I'm up to date with the new information we are learning week by week. In a lot of STEM courses falling behind is usually a death sentence when it comes to learning material as it is often made to be learned slowly but surely.

2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I want the group structure to be comfortable working together and asking questions in order to allow for better collaborative work. The group should also be on the same track with things or else it can be difficult to ask questions if they are not on the same page as you.

3. How can Jeff best support this recognizing that we are working as a team?

Jeff can give us advice on what we are doing well and what we can improve on, and by giving us goals and such, we can better work together to fix our issues and have better work.

WeiCheng Lam:

- 1) I need to prepare myself with the material learned in youtube before the zoom lecture so I can be on the same page and able to understand what other teammates are talking about and I believe I can also improve my understanding and knowledge while talking to other teammates about the material that we just learned on youtube.
- 2) I want to make an organized group structure and a group that works hard together and has the same goal which is to improve our understanding of the material. Follow up with every other group members' progress since sometimes students would have difficulties and busy moments of the week. While listening to the lecture in youtube, I will write down the questions that I have on a sticky note and will ask my team during the class meeting time
- 3) I think Prof Jeff can recognize that we are working as a team by checking in biweekly to make sure everyone is understanding material according to the calendar posted on the website. I think Jeff could also message the international students through canvas or some other platform sometimes since google voice is not available in a lot Aian countries.

Murphy Song

1. To be responsible for my time and my group members' time, I will watch the lecture videos according to class calendar before the class meetings to make sure I am on the same page as

everyone else. By doing this, I believe our group could work more effectively. During the meetings, we'll do quizzes together and discuss the questions we have. If we're not able to solve them by ourselves, we'll seek for help from TA or professor.

2. One of the strategies I want to use is to check-in with other members a day before class meeting. By doing this, we can remind each other to finish our work before group meetings and support each other if there is any difficulty.

3. I think the best way that Jeff can support us is by checking in with us regularly to see if our group is working as we expected, and students who are experiencing difficulties could be supported.

Hao Feng:

1. To make this class a valuable experience for the group I should be prepared for the session by watching the videos for the lesson ahead of time so that we can have a meaningful discussion about the topic. I should also be here on time and be present for the entire session.
2. It would be best if everyone in the group were prepared for the class session and supportive of one another, being open to ask and answer questions about the course material.
3. Professor Jeff could support us best by checking in occasionally and offering us guidance if we need it.

Megan Andrews

1. In order to make each class meeting a valuable experience I need to be present and actively engaged with my group members. During class I will discuss the topics that I am having difficulty with.
2. Each meeting, maybe my group can share their notes. The person sharing their notes can talk about what they would like to change, while the rest of the people can give helpful pointers. Doing this will allow my group to support one another and learn new study strategies together. Within my group I hope that we create an environment where we feel comfortable sharing where we might be struggling.
3. Jeff can give us study strategies when he meets with my group.

Jiixin Chen:

1. During the in-class meeting, I will discuss the course content that I don't understand after watching the video on youtube. Maybe we can share our notes to see what improvement we can make after getting ideas from each other. Also, if we get any worksheet from Jeff, we can do some questions together and discuss our thoughts on that as well so that we can make our note more comprehensive.
-->What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)
2. The group should definitely work together because that's what the group is for in my opinion. All of us want to reach the same goal or same speed of learning might be one of the dynamics to push our team in learning.
-->What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?
3. Jeff can ask the TAs to come and check our progress. The worksheet problem can be added to the portfolio and that might be one of the references to check whether we are working as a team. Please send an announcement in the zoom about whether we can leave at 3:45pm.
-->How can Jeff best support this recognizing that we are working as a team?

Cary Lefteroff:

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I need to not fall behind and to come to class prepared every day, and I need to learn deeply instead of doing the bare minimum.

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I want to help other groups members so that we can work together and enhance our learning, and help plug the holes in each other's understanding of the material.

How can Jeff best support this recognizing that we are working as a team?

By providing meaningful feedback to make sure we are doing things the right way and not repeating mistakes without realizing it, or creating work that does not meet Jeff's standards.

Journal entry: Kelvin Tsui

- 1) What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I need to watch the videos and write notes about the topics I have learnt after watching those videos, as well as noting which questions/concepts I feel weaker or uncertain at so that I can ask the Tas or Jeff about it afterwards to strengthen my knowledge on that topic/concept

- 2) What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I want to be able to help one another in my group and be useful and helpful and approachable. I want to be able to be of help.

- 3) How can Jeff best support this recognizing that we are working as a team?

Jeff can support this by including group check in sessions frequently so that we can update our progress throughout the quarter.

Rachel How

1. To make this a valuable experience during in-class meetings, I need to be responsible and make sure I am up to speed according to the tentative calendar. I should also try my best to review as many materials as I can to be familiar with the lesson work and write down questions to ask my group members on things that I do not understand.

2. I would love that my group is supportive and comfortable with one another, and do not feel the hesitation to ask questions when they are confused.

3. Jeff can show support to our teams by communicating with us through team meetings and giving us feedback on our work and how we can improve our work better.

Taku Okubo

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I need great preparation for the meeting such as finding out what I'd like to learn in a zoom meeting before coming to class. Then, in the zoom meeting, I should have to figure out those problems.

2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I'd like them and me to be helpful with each other like sharing what worked well and What didn't.

3. How can Jeff best support this recognizing that we are working as a team?

I think he's already doing though, he should create an opportunity for those who want his help individually and sometimes as a team when needed.

Adrian B:

1. Come prepared and knowledgeable
2. A zone where a lot of questions are asked and ideas of our interpretations of the material
3. Not sure what this means

Kojiro Asano

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

In order to make this meeting a much more valuable experience, in addition to watching prelecture videos, I should read the textbook. Through some classes, I found myself not understanding each concept, and continuing to watch the videos. For better understanding, I have decided to read Jeff's note first and then watch the videos.

2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

Since all of our team members use Latex, I and our team members should actually share the documents. By removing the technology difficulty (I already spent a lot of time learning how to use latex), we can work on more efficiently.

3. How can Jeff best support this recognizing that we are working as a team?
When we both have time outside of class, we communicate with each other.

Radha Ganesh

1. I need to make sure I watch all the lesson videos that I have to do for that class meeting. I also need to make sure that I engaged with the material as best I could so I can come to the meeting with context behind what we are talking about, and any questions that I need cleared up.
2. During our group meetings, I would like to share our understanding of the material (the concept images we have started constructing) to hopefully strengthen them even more together. I would also like us to show our portfolio progress and give feedback to each other.
3. I think Jeff can support us by giving us feedback on our teamwork and portfolios. This can also help us improve on giving each other feedback. Jeff can also support us by helping anyone who falls behind catch up so we can all work together.

Sean Crofut:

1. As a group member, I feel that it is my responsibility to listen to lectures and keep up with all the course material in order to be able to fully participate. This means actively participating in class meetings and following directions in class.

2. I believe a positive environment is most conducive to team learning. Ideally, I would hope for team members to be friendly and supportive of each other, and I think encouragement is the best way to get others to participate and learn.
3. The professor's job is to offer teams the materials they need to succeed. This can mean resources like the online website and lecture notes, and also the in-person meetings on Zoom.

Owen Ong:

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

To be ready for class. Have watched the lecture beforehand and ready to discuss questions.

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

It would be the willingness to learn and discuss the topics from class. Like maybe share some tips on how to get good on note taking.

How can Jeff best support this recognizing that we are working as a team?

Jeff can best support by providing feedback that can improve our learning.

Jennifer Tran:

What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

I feel like something I can do in order to make an efficient and valuable experience for my team is to make sure to stay vocal during the meeting. I will make sure to bring questions I have and maybe new ideas and new problems I would like to discuss with my class. I feel like coming prepared and being understanding is the best way I can help my team.

What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I feel like we should have a time to talk as well as a time to maybe gather our thoughts. We should start off talking about what is the best schedule to the day as well as talking about problems or trouble we have.

How can Jeff best support this recognizing that we are working as a team?

I think we are all individual learners and we like to take our own time for our project and problems. We know how and when to get work done, so when we go into meetings, we could talk about our questions we couldn't answer for ourselves.

QiJun Liang

1. We usually prepare the day's content. Then start to do the quiz. Discuss the solution process of the quiz together. And we'll start talking about the courseware videos when we have some time left.

2. We usually ask the team members whether they have finished the class content the day before the class. And, because there is no leader. We can often "argue" better. Because I think a discussion of "disputes" can make us more impressed with a topic.

3. Jeff could not have been more helpful to us by helping us answer our questions. But sometimes we get nervous about the meeting.

Xuhan Chen

1. As a member of the group, I will watch the videos in advance. Then take notes. Write down questions I don't understand. For these questions, I will first ask the other team members. If I still don't understand, just wait until the meeting to ask the teacher or teaching assistant. At the same time, I will also take a look at quiz before meeting .

2. In our group, we will discuss frequently. Whether it is during meeting time or after class time. As soon as we have any questions, we will raise them in the WeChat group chat and discuss them. During the meeting, we will also do quiz together. After completion, we will compare their answers and clarify the reasons for my answers and work.

3. It is useful for us to explain more about knowledge points from videos during zoom meeting.

Xuechi Zhao

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

To be a valuable member of the team, I shall come to class fully prepared ie have watched the videos and finished all the notes and be ready to discuss with my fellow teammates on the respective topics. Also, I feel that sharing of the study media and techniques will also be valuable contributions to the team.

2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels? I would prefer our team to be a potential backbone of our individual learnings, so that when we have problems that we can't figure out on our own, we can consult each other on the respective subject.

3. How can Jeff best support this recognizing that we are working as a team?

Reporting to Jeff periodically and having Jeff pinpoint what might be lacking in our process of self-study are indeed valuable and important to effective studies.

ALEX BOKOVIKOVA

1. I need to hold myself to the standard of accomplishing thoughtful work during class periods, and coming to class prepared! I have a bad habit of procrastination but am working to combat it!
2. I really enjoy the "teaching each other" part of a flipped classroom. If we have questions, we are really capable of answering them for each other!
3. It takes a while to adapt to the perfect group dynamic but I know we will get there! I've really enjoyed past flipped classroom environments.

Murphy Song

1. To be responsible for my time and my group members' time, I will watch the lecture videos according to class calendar before the class meetings to make sure I am on the same page as everyone else. By doing this, I believe our group could work more effectively. During the meetings, we'll do quizzes together and discuss the questions we have. If we're not able to solve them by ourselves, we'll seek for help from TA or professor.
2. One of the strategies I want to use is to check-in with other members a day before class meeting. By doing this, we can remind each other to finish our work before group meetings and support each other if there is any difficulty.
3. I think the best way that Jeff can support us is by checking in with us regularly to see if our group is working as we expected, and students who are experiencing difficulties could be supported.

Taishi Fukuda

1. Talking with each other is very helpful. If I have some questions, I will ask my groupmate. Maybe they can give me many good ideas.
2. I don't think you should be shy when you have problems. If you have any problems when you are writing your notes, You should ask your classmates or teachers. Only in this way can we get better learning effect.
3. Checking our study progress and helping us when we meet problems.

Muzaffar Sharapov:

1. What do I need to do as a member of my group to make this a valuable experience during in-class meetings (between 1:30pm - 3:45pm)

First I need to be present from 1:30 to 3:45 pm and I should come prepared for the class

2. What type of group structure, organization, and dynamics do I want to make with our teams of four to push my learning and learning of my teammates to much deeper levels?

I'm happy with my group's structure, organization. As a group we should support, respect and help each other.

3. How can Jeff best support this recognizing that we are working as a team?

I believe what Jeff is doing already(meeting groups in person) is the best way to recognize that we are working as a team.

Jade zhang

1. As a member of my group, the first thing I need to do is participate in every meeting and respect my group members' time, and then, I have to follow the pace so that we are in the same step.
2. Although we are a slow pace group, we're trying to make every concept clear in our minds. We have a Discord group so that we can connect whenever we have questions.
3. I think Jeff is already doing a great job of helping us to work as a team. He gave us enough patience and guidance to learn deeply.