



Instructor Course Feedback for MATH 2270-006 Linear Algebra Spring 2023 (Timothy Tribone)

Project Title: **Student Course Feedback**

Courses Audience: **55**

Responses Received: **52**

Response Ratio: **94.5%**

Report Comments

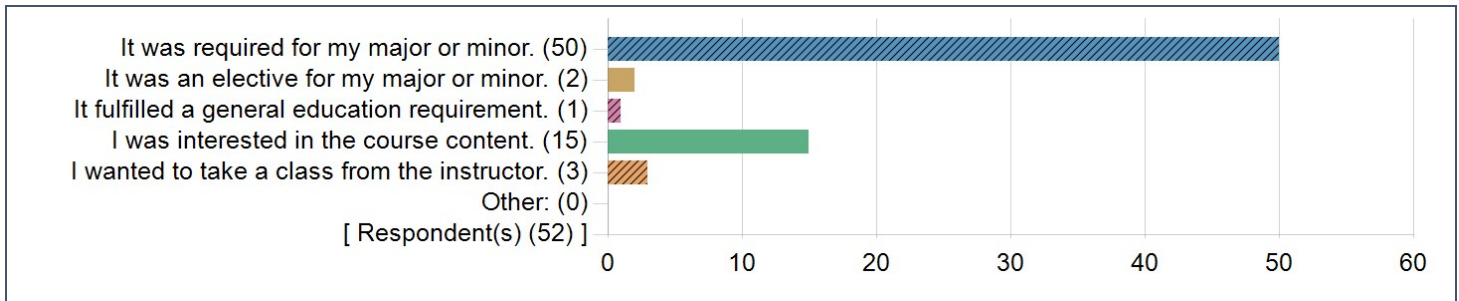
This is a standardized Student Course Feedback report approved by the Senate Advisory Committee on Student Course Feedback (SACSCF).

Visit ctle.utah.edu/scf/reports/instructor for help with this report.

Creation Date: **Tuesday, May 16, 2023**

Student Demographics

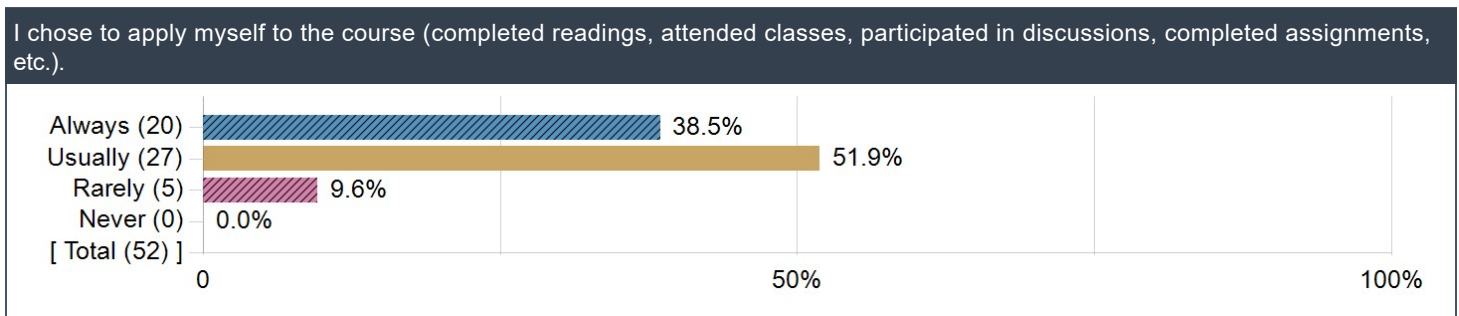
Why did you enroll in this course?



Please explain:

Comments
CS Major Requirement
.
I'm taking a computer science major. One thing that's required is understanding matrices. However, I was interested in this, with my interest normally being fairly high while taking this class.
I am a data science major and this course is pretty essential to the understanding of my field
I need to take it for Data science
I am a data science major, and this class was required.
I needed the class for my major but thought it would be interesting as well.
This is a requirement for my major, but I was excited to take the class because I enjoy math.
I am a CS major and linear algebra is a required course.
I'm trying to double major with math as my second major, so this class is required. Professor Timothy Tribone is also a very good instructor who I have had classes with before that have helped me immensely with my understanding of topics.
As a computer science and applied math major, it was required for me to take linear algebra. One of my friends told me that this professor was very good, and so I chose this specific section to take the class.
Required for CS
It was required for my major
I'm a CS major
Computer science major.
Requirement for CS but it ended up being a interesting course.

I chose to apply myself to the course (completed readings, attended classes, participated in discussions, completed assignments, etc.).

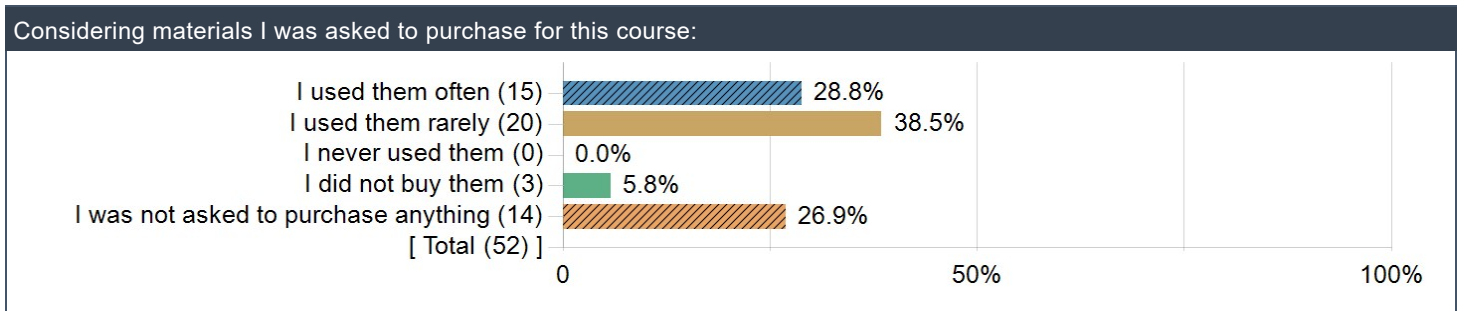


Please explain:

Comments
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While I did apply myself, I didn't always come to class.
Completed assignments, didn't attend every class
I definitely could have read quite a bit more outside of just when I get stuck. I also fell asleep at times during class and would have to play catch up.
I fell off a little during the last quarter of classes
I really enjoyed the class so I went to every class and did every assignment
I wasn't able to attend office hours or review sessions because they didn't usually match up with my schedule.
I had a little trouble with attendance but I always applied myself to the homework and studying
Most of the time going to class felt like a waste of time, I could learn the material much faster on my own and not waste money on gas driving to campus.
I didn't really go to class I just read the textbook and showed up to take the exams.
I attended almost every day and completed all the assignments.
I missed class a few times, but almost always attended. I completed all homework assignments, studied for tests and quizzes, and participated in class.
Tried my best to miss nothing
I used the textbook to help myself if I didn't understand the content, but I did not always attend the lectures.
I would go to class most days. On certain days that I was unable to attend class, I would find the lecture videos on Canvas and watch those to stay on top of the course material.
Attended classes, did homeworks, and attended lectures
I didnt attend many lectures but studied the material provided in canvas a lot.
Worked very hard to earn a high grade in this class
I enjoyed learning in this class, and the teacher was really good. Even though it was a tough course I would definitely recommend it
Did all the homework and attended all classes, I attempted to attend reviews.
Always completed the required work and assignments to prepare myself for lectures .

Course Materials

Considering materials I was asked to purchase for this course:

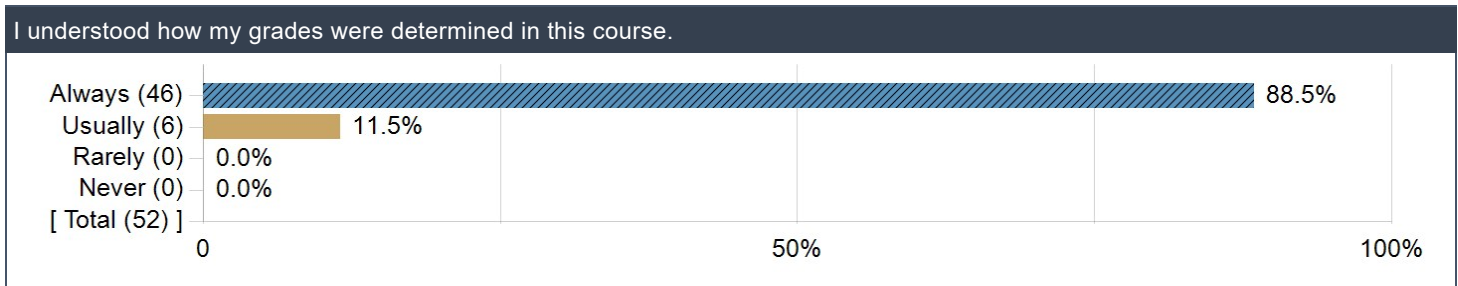


Please explain:

Comments
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The fact that the textbook was accessible via bookshelf was very helpful.
Only referred to the book a couple times to study for exams..
I still read the book when I needed to.
I used the textbook often
Um the class lectures and the homework explained well what I needed to learn so I never felt like I needed to use the textbook
I didn't read the textbook much, but that was because I felt good about all of the topics with just the Professor's explanations. I mainly used the textbook for sample problems to practice for tests/quizzes.
The book was encouraged but I did not purchase it
I think there was technically a book but there wasn't a real reason to buy it, it might have been free but I never looked.
the material was useful at the beginning and then got increasingly difficult to understand
I didn't use the book too often.
I used them to review for the tests and quizzes, but I wouldn't say I used them often, more just used them sometimes. I think the textbook was a good resource, and I wish I had used it more.
The book is well done
In class lectures were generally sufficient
The professor recommended a book for the course (which was included through Inclusive Access). However, since it was a lot of money, I chose to opt out and I found the same book for free elsewhere, and I used that to review for the exams.
N/A
I didnt buy anything as far as I know
I used the digital textbook and the YouTube videos quite often, especially if I was unable to attend class
The course requires a book I used it very little.
The book was helpful, though I only usually used it while preparing for tests. I learned the vast majority of the content through lecture.
The textbook was provided

Grades

I understood how my grades were determined in this course.

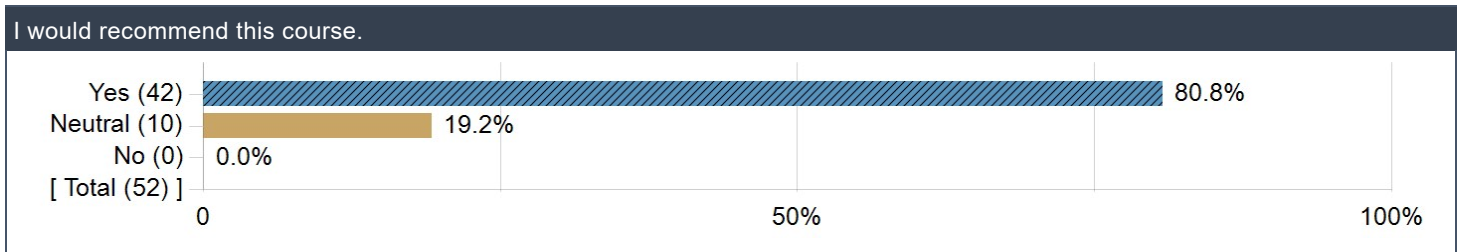


Please explain:

Comments
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Always really clear and syllabus was great
Was clear from the start and didn't have to wait long for assignments to be graded.
the syllabus clearly outlined grade corrections and what our final grade was made of
Ya I liked the grading system, and yes things were graded fast and I always new what my grade was and how it was determined
Grading made perfect sense, everything was great.
The grading scheme was straight forward and easy to understand
very clear in the syllabus
The grading was outlined in the syllabus and on the first day of class.
It was very clear what the breakdown of grades was, and I feel that our quizzes and tests were graded pretty quickly. I was always able to know what my grade was in the class.
The first day of class as well as the syllabus made it clear how the grading was determined for this course.
The structuring of the grades on Canvas were very easy to understand. The syllabus was also very clear as far as understanding how grades were determined. Inputting all of the assignments into Canvas to let the students be able to plug in "what-if" scores made it easier to see what my expected grades could be.
Clear grading
The syllabus was clear
Very clear grade scale and expectations for this course.

Recommend Course & Instructor

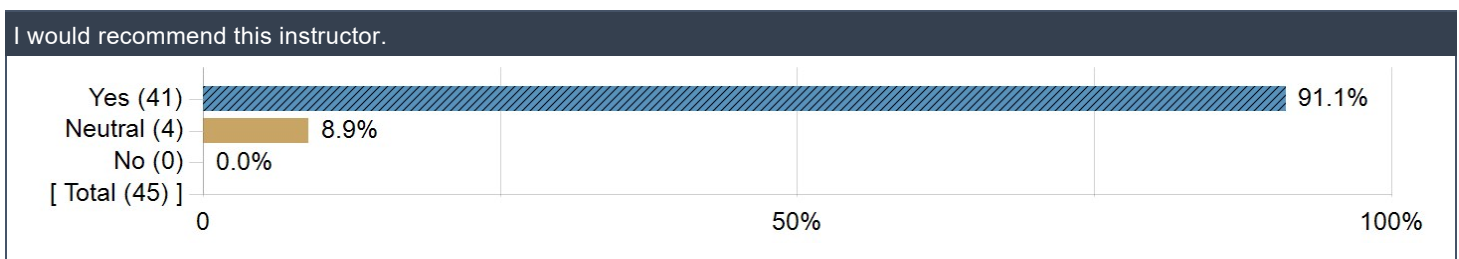
I would recommend this course.



Please explain:

Comments
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Makes matrices easier to understand, though I will admit that the SVD at-home quiz was challenging.
I think the subject matter is very interesting
I think linear algebra is an extremely interesting topic that has a lot of applications in engineering and other STEM fields. I think it was cool to learn about the math behind stuff I had done with computers in the past.
I found the course very interesting and practical.
I mean, its not easy
it's not bad, take it if you have to.
It is an interesting type of math and in heavily used in my field of study.
The course material can be difficult so I would only take it if it is either required for your major or relevant to your planned career.
I enjoy the content of the course and I think it's really useful. It's applicable to many different areas, very logic-based, and the curriculum seems manageable and covers a lot.
Linear algebra was a great class to further my math education after taking calculus 3. I think that this particular math class was great for learning the basics of applying math to complex real world problems.
A very interesting course that supplies important topics that can be applied everywhere in math and engineering.
It's a good course to test your brain
This was a very interesting course and I learned a lot of new math that I have never seen before, but math that I can see myself using in other applications. I think linear algebra is definitely a foundational math class that everyone should have some knowledge of (akin to Calculus 1-3) and I would definitely recommend this course.
Good material, if a bit difficult
Its an interesting course. And the professor encourages improvement.
Honestly it felt like just learning random math things until the end. Once everything started coming together with the abstract vector spaces it felt very epic
great teacher and explains tough concepts in a great and understandable way. Also very lenient with homework grading, as well as makes the exams straight forward.
I do not particularly enjoy math, but I enjoyed the course with this professor.
Yes, if it is required.
Only if it is applicable to one's major or relevant to future career options.
Really cool course that I would recommend to other students.

I would recommend this instructor.



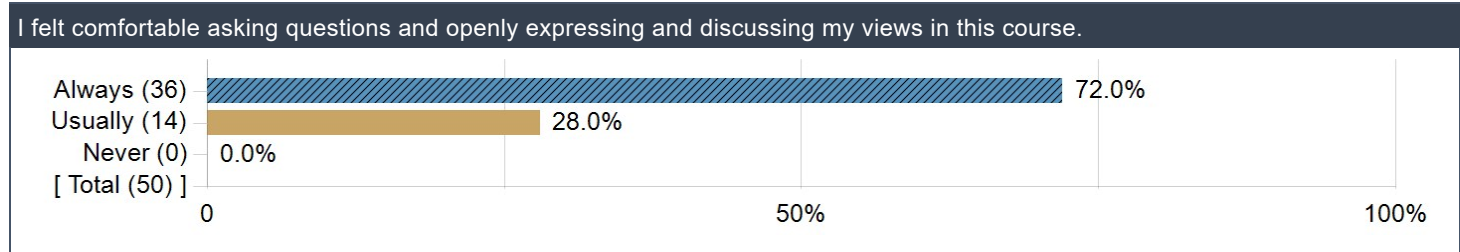
Please explain:

Comments
Genuinely one of the best professors I've had, especially for math.
THE GOAT.
Friendly, had office hours. Did explain a lot which was stressful at times, but got really far as a result.
the teacher was clearly passionate about this class and that makes being in his class fun. The professor also has a support system set up for u to succeed as long as u read out for help. He was very engaging in class and for those who show up regularly was very well received

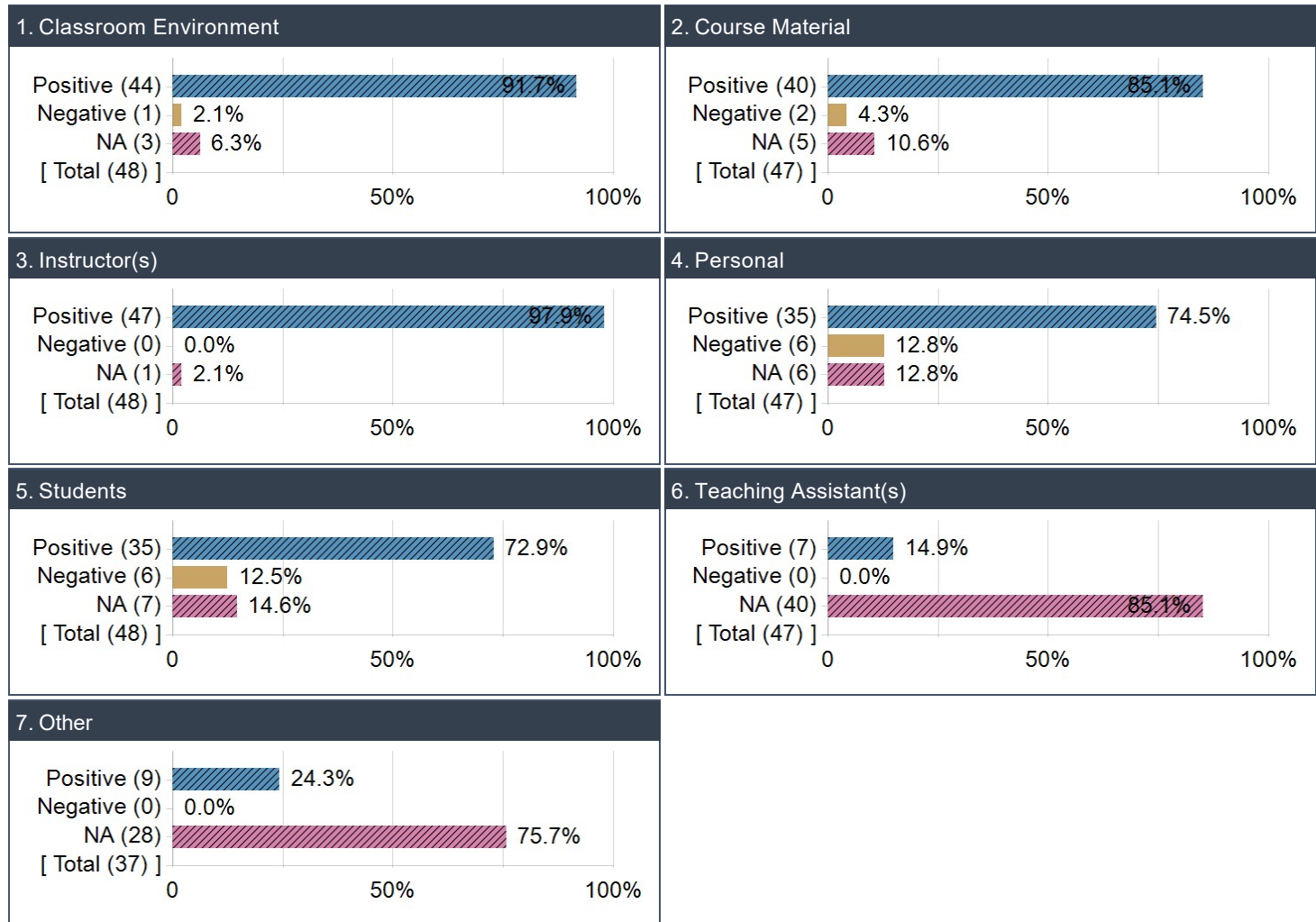
Comments
Tim is a very good instructor, he always answers my emails, his office hours are very helpful, and he is always open to questions to make sure I fully understand the topics
Professor Tribone was very good at explaining the topics and giving good examples. I could tell he was excited by the topic and that excitement rubbed off on me and made learning about the content more interesting. He was also able to answer questions very well and adapt the lessons to the class's needs.
Professor Tribone was so honest, helpful, and genuinely interested in the subject and helping us learn it. I can't say enough great things about him, and am going to recommend him to all my friends for any math class.
He was a great professor,
I think my real problem with the class is the format of being 4 days a week for 50 mins at a time, I don't think it's the instructors fault I never wanted to go to class.
Tim is very passionate about the subject, and it comes through in his teaching. However, this class is being taken by a lot of none math majors and sometimes the quizzes or exams can contain material that is unnecessarily complicated. Which can be fun if you're a math major, but just add confusion to an already packed subject otherwise.
For the lectures I did attend I enjoyed the teaching style and course material
He explained the topics very well and always tried to make sure everyone understood.
Professor Tribone is a great instructor and explains the concepts simply.
I think the main reason I enjoyed this class is because of Tim. He is an awesome instructor, and I've told people that if they take this class they should try to take it from him. His teaching style worked well for me, and he taught effectively while making it easy to succeed in the course. He was always open to questions and provided lots of additional resources. Definitely one of my favorite professors.
Professor Tim was an excellent professor. I found the way that he taught by explaining a concept using skills that we have learned in previous math courses and then using examples that apply to linear algebra.
Amazing teacher, he breaks down hard concepts and makes them super easy to understand.
One of the best instructors I've had! A lot of time has clearly gone into preparing for this course and the way the material was presented and explained was excellent.
Teaches material very well, managing to keep things simple enough to be understandable while not sacrificing any of the necessary complexity or coverage of the material. Very available to students as a resource and has a great course structure as well.
HE was very descriptive with his material
This professor really helped make the class much more entertaining. There were many times when I was stuck on a concept, and he would not hesitate to help me and would make sure that I knew what I was doing and that I properly understood the concept. Getting in contact with him was very easy, since there were many options/channels for assistance (i.e. Discord, email, Canvas, office hours, etc). If this professor taught any class in the future, I would definitely sign up for that.
Tim is the best math professor I've had at the U. He's helpful, passionate, and patient. I highly, highly recommend any course from him.
Always available for help or to answer questions, even creating a discord server for students to collaborate, share notes, and ask questions he would answer himself.
He explains everything at a reasonable pace and in a way everyone can understand. He encourages improvement as well.
He's a very nice guy who explains concepts well. He is very active on email, discord, and in office hours. He also holds review sessions which is totally legendary
My favorite math teacher that I have had at this university so far. he is engaging, and genuinely seems interested in what he is teaching, which I appreciate. While this was one of the harder math classes I have taken, Tim made it far more enjoyable, and I hope I can have him as a teacher again!
I cannot remember the last time I wanted to go to a STEM course but you did it. I enjoyed being taught by professor Tribone although the content was hard I still learned from him. He is a very flexible professor.
Our instructor was instrumental in our success in this class. Their lectures and exam reviews were incredibly useful for clarifying course content.
Explained the concepts well and made the learning environment an enjoyable place to be.

Asking Questions and Discussing Views

I felt comfortable asking questions and openly expressing and discussing my views in this course.



Which of these contributed to your answer?

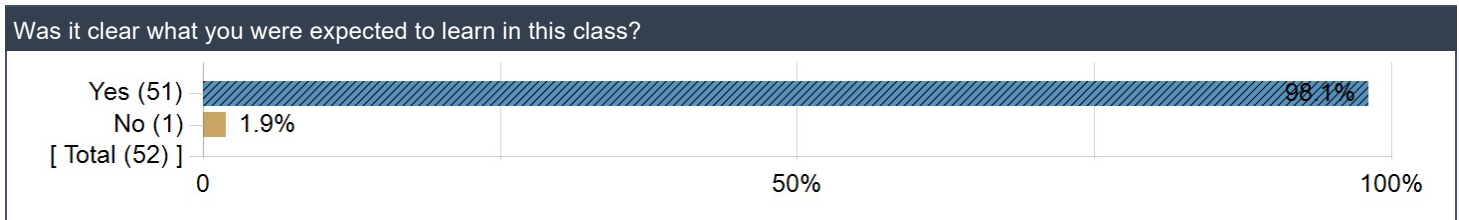


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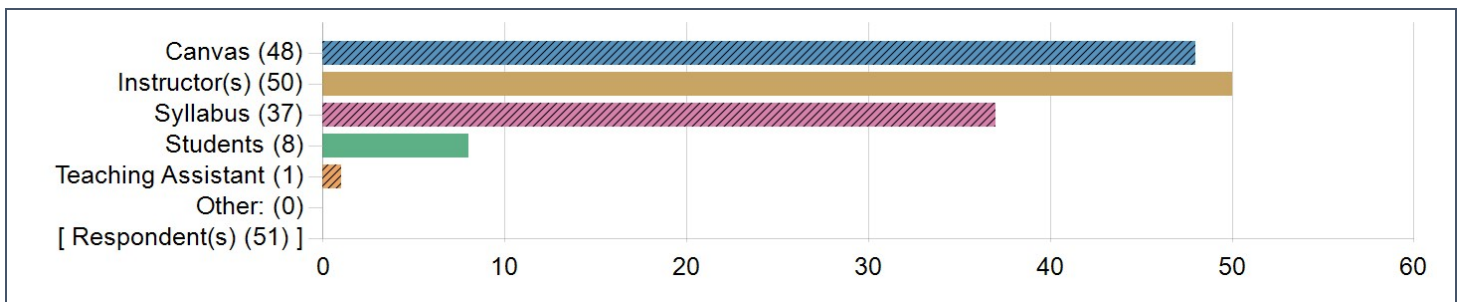
Comments
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Generally friendly environment.
Great class!!
Professor Tribone would always try to invite participation in the course, even when many students didn't do a lot of participating in class. But I think it was a good environment to ask questions and clarify what was being taught.
Professor was always kind and helpful whenever anyone raised any questions or concerns, making the environment of the classroom seem safe and welcoming.
I had a hard time applying myself to all coursework this semester, however this class had a good environment and professor
the class had a discord server where people asked questions a lot and they were answered by other students or the instructor, which made asking questions very easy.
the class was small enough to allow the professor to answer everyones questions, and he was always able to answer them concisely.
I felt like questions were always welcomed. Because I have a strong math background, I felt comfortable asking and answering questions, but I also think the environment was very welcoming of questions.
Most students in my class were very respectable, but there were some who did not show much respect to the professor or other classmates.
For the most part, many of the aspects of the learning environment had a positive impact on my learning. However, some of the other students in the class made it a bit detrimental, as they would always interrupt the professor explaining concepts and take up a lot of class time (however, the professor was able to make up for that lost time rather quickly, so it is only a slight complaint).
I dont think there were ta's but I might be wrong. Everyone had a positive mindset in the classroom though.
Great environment for learning, the instructor and other students were great. I had no problems asking questions or speaking aloud in this course.

Learning Objectives

Was it clear what you were expected to learn in this class?



If yes, how did you know this?

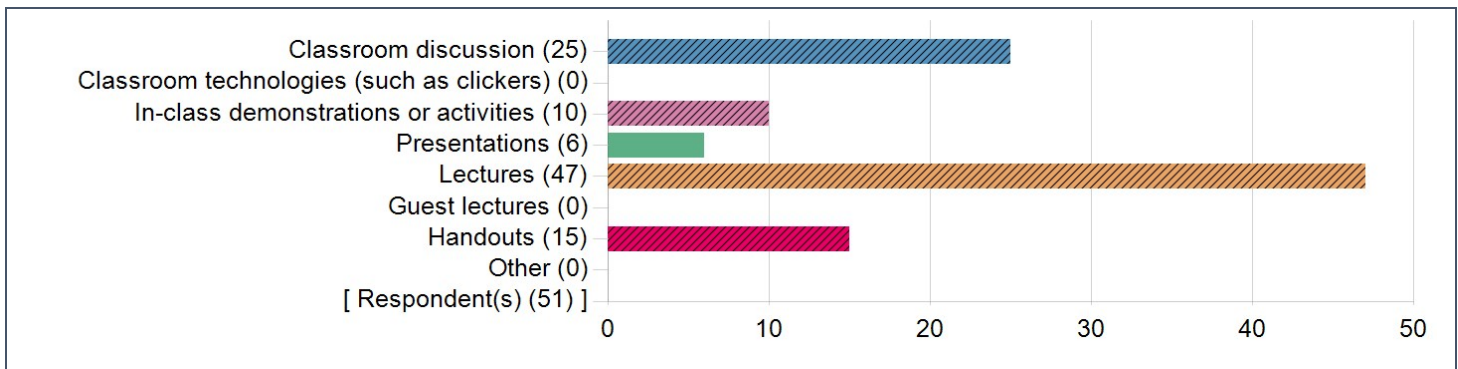


Please explain:

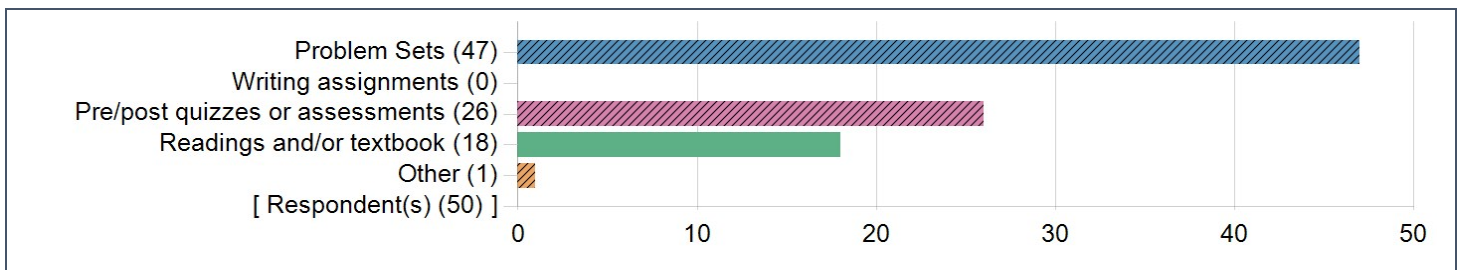
Comments
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While I forgot what the syllabus explained, the topic was explained first with example problems given as we learned.
the teacher made key understandings very clear
Expectations in this class were plainly explained and made practical sense.
I did not hear much from the TAs and I always tried to have things nailed down instead of asking other students
before each test the content covered was posted which made it very clear what we were supposed to have learned and was very helpful
The class was outlined in canvas and the instructor always made posts clarifying things.
The exam review sheets were very helpful in outlining what we should know for each exam.
The syllabus had a pretty clear outline on what was going to be taught in the class. Additionally, I was constantly given updates and reminders from the professor (through announcements or emails) as well as the Canvas page. The weekly homework also reinforced the concepts we were learning, so I always knew what I was expected to learn in this class.
Everything was clear
Good layout with clear expectations.

Which of these were used in the course and helped you learn?

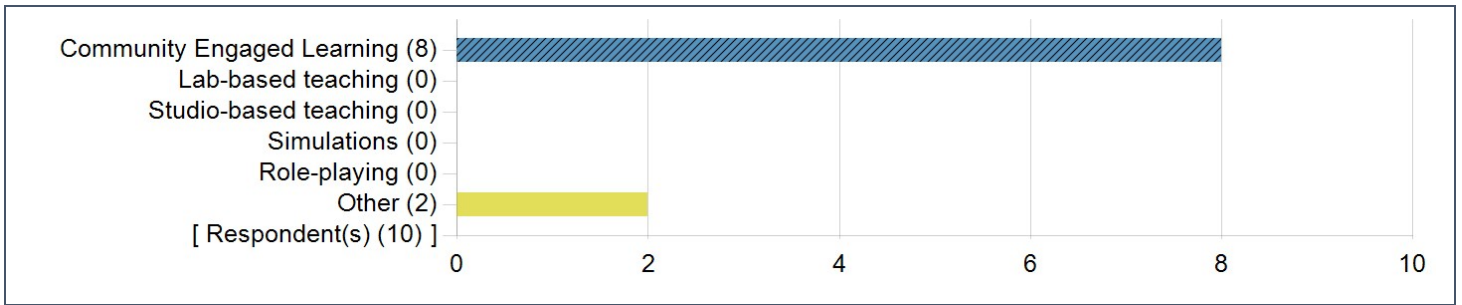
In-class Tools



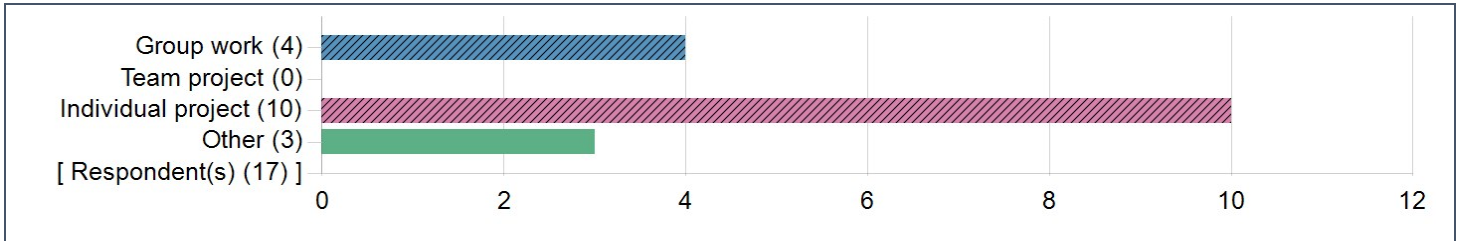
Readings and Assignments



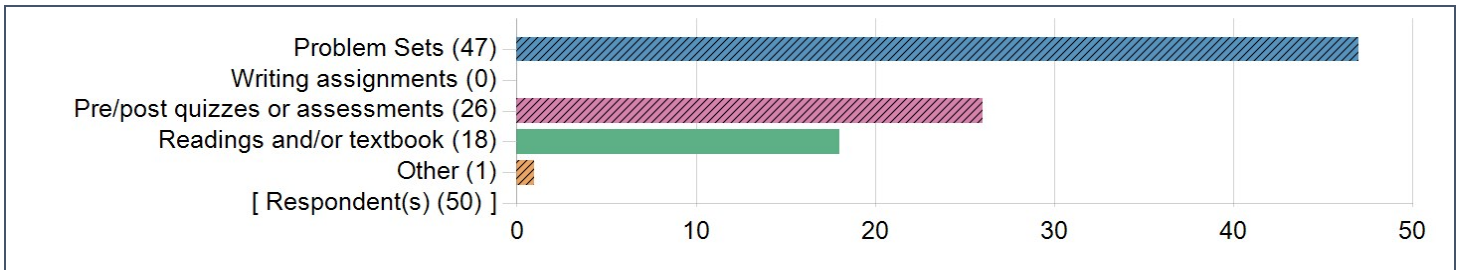
Experiential Learning



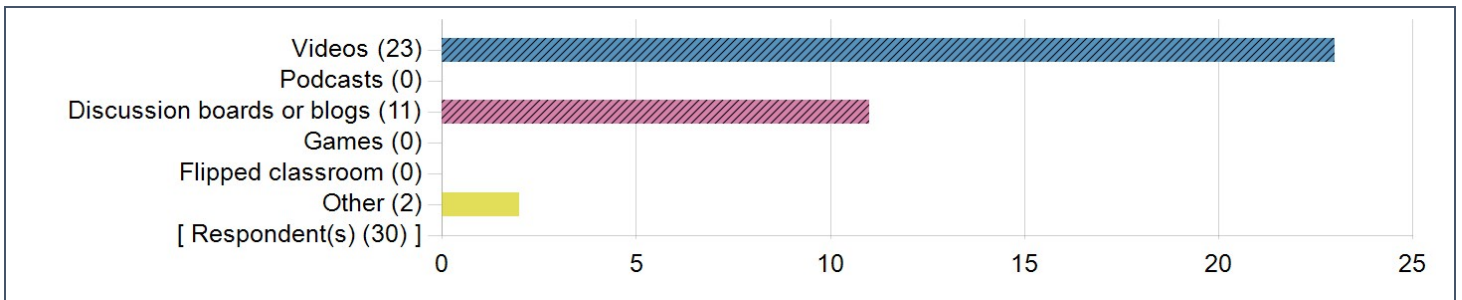
Student-based Projects



Readings and Assignments



Technology-Based Learning



Please explain:

Comments
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Provided link to videos of instruction
Rather simple in terms of hour it taught, with a Discord server where we could ask questions.
It was a straight forward class, there was no guest lectures or anything lab related. However group homework was always encouraged I just never had the chance to do so myself
The format of the whole class was basically just lectures. Almost every day was to come in, sit there for 50 minutes and learn some new identities and theory. It's veeeery hard to stay engaged. The class is so heavy in material, it's just so hard to be able to stick with it. I wish there was a more applied version of this course.
The professor taught primarily through lecturing, and we had problem sets for homework. The discord was also a good resource for discussion.
One of the biggest resources that helped me learn was the Discord server that our professor set up for us to interact with each other. It allowed me to get real time help and answers from my peers, and often times my professor as well. It was way more convenient than something like a Piazza post or sending an email to a TA/professor in hopes of getting a response back in 3–5 business days.
Just everything was canvas if we missed class for xyz
Lectures and supplemental videos in canvas were the most helpful resources for learning and understanding concepts. The textbook was a good place to practice problems.

Additional Comments

Is there anything else you would like this instructor to know?

Comments
The man, the myth,the legend!
I enjoyed having you as a professor. I also thought the WebWorks were helpful, but not excessive.
Thanks for your help hours, they made things so much easier to understand.
I know this a two way road but I believe driving home class participation would give you a better understanding if the class is understanding. Having the chance of being called on or having to give an answer (not just the opportunity to give one) would increase the engagement in your class.
Thank you for everything this semester! You were seriously a great teacher to learn from, please never change! Your enthusiasm and passion for this subject was wonderful and made it much easier for all of us students to learn.
I thought you were a great professor, however, and I'm sure you know this. Exam 4 killed everyone. Thank you
"Professor Tribone is not only an excellent and insightful teacher, but also a talented and effective mathematician".
–My Quote :)
I enjoyed the class!
However, the only thing I would change is the homework situation. I hardly, if ever, found the homework assignments useful or beneficial – I felt like I barely learned anything from the Webworks. I learned most of the material from the lectures and quizzes.
I appreciate you answering questions on discord all the time. I only asked one and it wasn't to help with homework or anything, but it felt good to know that I could ask something without going to office hours.
Thanks for the class! You did good teaching this class. I think WebWork worked fine and should be good for future semesters.
Tim is a great professor. But I do think that some of his expectations on the exam are a bit too much. I appreciate the format where there are more exams that take up less percentage of my grade, but the exams are brutal. Exam 4 was ~6 pages back to back, and we only had 50 minutes. There was no way I could have filled all of it out in that time, I need time to think about the theory. Even for answers where I'm not calculating a matmul or row reducing, I hate the feeling of half-guessing an answer because I don't have time to think.
I thought this class was excellent and well balanced, and the lectures were mostly great. A couple things I wish were provided was a recording of the lectures and more examples. Sometimes the theory part got overwhelming and I would have appreciated less time on some of the proofs and more time working through a full problem. Other than that this class was fantastic and made a really complex subject manageable.

Comments
Good job!
I enjoyed lectures, felt like I actually understood the material. I found the exams to be difficult, especially the 4th exam. Personally I feel that test was not fitting to what we learned for that module. There were questions that were barely mentioned in class and the textbook. Wish it would be curved or dropped because it will impact my grade.
Thank you for being an awesome professor! I really enjoyed this class and I felt that I was able to learn a lot. I think you provided a lot of resources for student success, and were very thorough in teaching the content.
Loved how often the hw were fairly difficult and how the exams focused on skill base
Although this is an advanced math class, I found that you were able to use concepts that were familiar to me and I was able to understand the concepts in this class. I hope to take another class from you in the future.
I really loved this course, the way it was structured was great and I loved the material! I definitely think that the applications of linear algebra were really interesting to learn about. I liked the number of quizzes and tests, the frequent assessment was really helpful for me in learning the material. The homework was also a good amount of work to do, I felt like it had a good amount of practice for me. Thanks for a great semester!
Thanks for being a great professor! Hope you continue to enjoy it.
It was very interesting material, but, for me, the lectures were very fast and hard to follow. Although homework and quizzes were somewhat helpful for the exams, I genuinely think that giving out a practice exam would be VERY helpful for students to get an idea of how the questions will be formatted. When taking the exams I would spend so much time reading the questions to see if I actually understood what they were asking instead of confusing on the actual answers.
I think this class was structured really well. I just want to reiterate how useful the Discord server was and I would definitely encourage keeping it around, since it was a very convenient way to get real-time feedback and help. I will say, I don't think WebWork was the best software to use for assignments (it wasn't bad by any means, but it was definitely a "clunky" website). In future semesters, I might recommend using something like Canvas quizzes or some other software that still has real-time feedback, unlimited attempts, etc, but is more visually appealing and allows for better math inputs.
Great semester, thank you for everything! I would gladly take another course from Tim.
You are very good at teaching. Keep it up!
Loved this class. The last midterm was too hard for sure tho
Thank you for making my love for math come back. I have had bad experiences with my math teachers here so far, and you gave me hope that I will be able to succeed in the field I am going into. Hopefully you get a raise, and add more classes to your regime, because you were great. Thank you Tim!!
Professor Tribone, I enjoyed learning from you. Even though the course was hard, you made it a little bit easier.
I loved taking you class. I always felt very welcome. Also the videos linked on the canvas home page were a huge help!
I thought you were a great professor and I have no qualms against this class to be honest. I think this is one of the few classes I've any complaints about.
I really enjoyed your class, you made it a great place to learn and offered clear explanations for all the concepts and applications. Thanks!