

Instructor: Christensen, Jens G.

Course: Linear Algebra

11 surveys / 15 enrolled in MATH 214 B (MWF 1020)

Student:1

Reason(s): Major or minor requirement

Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: N	3: SA	8: SA	5: N	2: A	13: SD
7: A	10: SA	14: SA	17: SA	4: N	21: NA
9: SD	15: A	20: A	19: SA	6: N	22: SA
12: N				11: SA	
18: SA				16: A	

Student:2

Reason(s): Major or minor requirement

Interest in the course material

Additional Reason(s):Effort: I put many hours into the homework and studying for exams in this class as well as often going to office hours and receiving help on the homework and any other questions.Understanding & Appreciation: This course furthered my understanding of math in different sense than calculus which is good to be able to get a broad understand of all math within the major.Intellectual Growth: This course helped me to further my problem solving skills, allowed me to think critically about new math concepts, and showed me uses of these math concepts in real career settings.Quality: This course was taught in a great format, I really enjoyed that every Friday was spend going over applications of the lessons and that the homework was separate from this. This allowed individual and guided work as well as the availability of office hours three times a week so each student could have individual help. I think that the notes were well organized as well but I just wish that there was more student participation in the course so he could tell when we were confused and explain it again. Overall I really liked the way this course was formatted and taught.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: SA	13: N
7: SA	10: SA	14: SA	17: SA	4: SA	21: N
9: SA	15: SA	20: SA	19: SA	6: SA	22: A
12: SA				11: SA	
18: SA				16: SA	

Student:3

Reason(s): Elective outside major or minor

Additional Reason(s):Effort: Most of my effort came in rewriting my notes for the class and diligently doing the homework, although completing the homework and the extras was never a priority since it was not graded.Understanding & Appreciation: I didn't really have an understanding of what exactly linear algebra was before taking this class and I definitely have a better understanding of that now, and I can respect how difficult things can get when you work with really large systems like in real life.Intellectual Growth: This class wasn't easy for me to understand straight off the bat, so it taught me to look through my notes a little more closely, really analyze problems and answers, think a little more about the material before settling on a method of solving it.Quality: I think Professor Christensen had a very good understanding of the course material, and that shows in his knowledge and confidence when presenting lectures. However, I don't fully appreciate that our notes are printed off for us; since I learn a lot just through writing my own notes, it feels like I'm losing an integral part to my learning when the notes are just handed to me. I also think that a lack of relevant examples done in class makes solving the homework problems difficult sometimes, although the Friday sessions solving in-class problems does help some.

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1: N	3: A	8: N	5: A	2: N	13: N
7: N	10: N	14: A	17: N	4: A	21: NA
9: D	15: A	20: N	19: A	6: N	22: D
12: A				11: N	
18: A				16: D	

Student:4

Reason(s): Elective outside major or minor

Interest in the course material

Additional Reason(s):

Effort: I completed homework every week and attended each class session. If I had time, I also tried to complete any extra problems that were assigned.

Understanding & Appreciation: I learned a lot more about how to use certain concepts in linear algebra and how to apply them. I also gained more knowledge about doing proofs in math.

Intellectual Growth: I learned to think creatively about the theorems that we learned in this class and understand why they are true.

Quality: I did like how all the notes were posted prior to class starting and how we did practice problem on Friday. I do wish the homework was graded or we had a participation or project grade in the class. I tend to get a lot of anxiety taking tests, especially when the course only relies on tests for the final grade. This class was also my first time taking in-person tests since COVID began and I found it pretty hard to concentrate because of that also. Therefore, I feel like there are much better assessments of knowledge acquisition rather than just tests.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: N	3: A	8: A	5: SA	2: A	13: N
7: N	10: A	14: A	17: N	4: A	21: N
9: N	15: A	20: A	19: SA	6: A	22: SA
12: A				11: A	
18: A				16: A	

Student:5

Reason(s): Elective outside major or minor

Interest in the course material

Additional Reason(s): I am a physics major, so I thought this would be a good course to take.

Effort: First part was understanding the math. I got used to it pretty quickly and was able to do a lot of things with it. We got to doing some proofs and though some were challenging, this course helped me understand how to read and make them.

Understanding & Appreciation: I wasn't sure what significance linear algebra would have beyond Markov chains and dot products. This class illuminated the number of ways matrices can apply to the linear equation problems all around us.

Intellectual Growth: I was also taking phys 205 basically speed ran a lot of learning linear equation solving without time for proofs. In this linear algebra course we took the time to parse through a lot. We just went through diff eq so lin al was really interesting to see in diff equations.

Quality: I thought the loose structure of the class and the video lectures were a good idea. Grading was quick. Solution solving was good.

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1: SA	3: A	8: A	5: A	2: A	13: A
7: A	10: A	14: A	17: A	4: SA	21: NA
9: A	15: A	20: A	19: SA	6: A	22: A
12: A				11: SA	
18: A				16: SA	

Student:6

Reason(s): Exploration of possible major or minor

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Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

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1: N	3: SA	8: A	5: SA	2: D	13: NA
7: N	10: SA	14: N	17: SA	4: N	21: NA
9: A	15: SA	20: N	19: SA	6: N	22: A
12: SA				11: N	
18: A				16: A	

Student:7

Reason(s): Major or minor requirement
 Other requirement
 Reputation of the instructor
 Interest in the course material

Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: A	5: A	2: A	13: A
7: A	10: A	14: SA	17: A	4: A	21: A
9: A	15: SA	20: A	19: A	6: A	22: N
12: A				11: A	
18: A				16: A	

Student:8

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: Did all the homework along with the extra problems, although I did the extra's normally the week after so I was not able to get the answers on them.

Understanding & Appreciation: I have enjoyed math throughout my life and taking a class like this where we learn about things that are practical in the future and gaining an understanding of how math is used in the real world only contribute positively to my enjoyment of the material that we were taught in class.

Intellectual Growth: I am not sure if the course contributed to my intellectual growth as it is a math class so the things that we learn are not really made up by ourselves. Saying this I still believe I have a better understanding of how to study effectively and I was really able to see the benefits of doing homework as that contributed largely to my understanding.

Quality: I thought that the way our 3 classes a week were structured was really good. The problem sessions on Friday's would work as a summary and if you did not understand something during the two other classes, Friday worked as a review day. One thing that I would change is getting the solutions to the homework. As someone who doesn't have the best formatting and sometimes makes minor mistakes it would be nice to be able to compare my homework with Professors after we have handed it in as that would give you another chance to be able to review the questions that you might have got wrong or written something down wrong.

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7: SA	10: SA	14: SA	17: SA	4: SA	21: SA
9: SA	15: SA	20: SA	19: SA	6: N	22: SA
12: SA				11: A	
18: SA				16: SA	

Student:9

Reason(s): Major or minor requirement
Elective within major or minor

Additional Reason(s):Effort: I put in a reasonable amount of effort into studying for this class.Understanding & Appreciation: This course taught me how to use matrices to solve systems of equation questions that would have been quite tedious using non linear algebra techniques. I also learned that linear algebra has many real world applications, so I didn't feel like I was wasting my time learning math I would never use again.Intellectual Growth: The course improved my critical thinking skills through homework and test questions involving proofs. I improved my ability to reason through proofs by connecting simpler theorems that we had learned in class, a skill that could be useful in other contexts.Quality: The professor did a good job teaching the material. Although I sometimes felt that the professor was going a bit too quickly during lectures, we were provided with all the slides and notes that the professor used in class, so I never felt completely lost.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: N	5: A	2: A	13: A
7: A	10: A	14: N	17: A	4: A	21: A
9: A	15: A	20: N	19: A	6: SA	22: A
12: A				11: A	
18: A				16: A	

Student:10

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I had to put a great deal of effort into this course to try and maintain my grade. I spent over 12 hours a week studying and/or practicing the material in this course and regularly attended office hours. I would need to study for several days before an exam in order to try and do well.Understanding & Appreciation: This course expanded my knowledge of what math can be used for in the real world and I realized I like this material more and more every class.Intellectual Growth: I learned how important it is to ask questions when I was confused by an idea and the importance of going to office hours. I realized that sometimes the grade isn't as important as understanding a topic and being able to problem solve a problem.Quality: I absolutely loved Professor Christensen and would recommend him to a peer for linear algebra. He truly cared about his students and would make time for me if I couldn't attend office hours for whatever reason. You could tell he truly wanted his students to succeed and learn from his course. I would say that sometimes he is a bit tangential in his lectures but besides that, he is an excellent professor.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: SA	8: SA	5: N	2: A	13: D
7: A	10: SA	14: SA	17: N	4: SA	21: N
9: A	15: SA	20: SA	19: N	6: A	22: SA
12: SA				11: SA	
18: A				16: A	

Student:11

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Reason(s): Major or minor requirementAdditional Reason(s):Effort: I've had to do a lot of independent study and I benefited immensely from studying with a friend because I did not grasp a portion of the concepts as they were presented in class.Understanding & Appreciation: Course subject is generally interesting.Intellectual Growth:Quality: Learning this course enabled me to understand the theoretical part of math. Fridays were particularly interesting because they provided more examples and understanding of terms used in the theory part of the course. This course was very organized and consistent which was paused less stress on the student. However, this also fostered a very quick walk through the material each day and I could easily get lost in explanations and with little practice examples it was easy to forget some aspects of a topic.

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1: A	3: A	8: A	5: A	2: A	13: D
7: A	10: A	14: A	17: SA	4: N	21: N
9: N	15: SA	20: A	19: SA	6: N	22: A
12: SA				11: A	
18: SA				16: A	

Likert Key: SA=Strongly agree, A=Agree, N=Neither agree nor disagree, D=Disagree, SD=Strongly disagree, NA=Not applicable