

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Student:1

Reason(s): Exploration of possible major or minor
Interest in the course materialAdditional Reason(s):

Effort: I think I put a significant effort into this course, especially for the first and third exams, though I had a period in the middle of the class where I didn't put a maximum effort. At all other times I was studying course material outside of class extensively and also going to office hours regularly. However, I did lag in my ability to organize my class materials at times. Overall I would have to say this course comprised the largest effort out of all of my courses this semester.

Understanding & Appreciation: I think this course gave me a great understanding of the concepts of linear algebra as well as the applications of it in the real world. Our professor gave us plenty of good examples and context to help make clear the value of applying the concepts presented in the course to computer science as well as other real-world commercial applications, which gave a greater purpose to learning the course material.

Intellectual Growth: I think the critical thinking aspect and difficulty curve of this class absolutely contributed to my intellectual growth as I was forced to stretch my brain and push myself to work harder. Tackling harder and more abstract mathematical concepts was also a catalyst for my intellectual growth and appreciation of the course subject, giving me a framework of concepts to work off of in the future not just in mathematics but other courses as well.

Quality: I think this course was taught quite well, especially if one was prepared with the packets ahead of time. The strengths were the teachers knowledge and preparedness, while some of the weaknesses were the teacher's occasionally difficult explanations.

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

Student:2

Reason(s): Other requirement

Additional Reason(s): Engineering

Effort: I put a decent amount of effort into this course. Prof. Christensen provided the notes as slides on moodle, so rather than taking notes during class, I just listened and paid attention. That combined with the weekly homeworks and a little bit of extra studying was plenty for me to have a solid grasp on the course concepts.

Understanding & Appreciation: This course taught us linear algebra both in the theoretical sense (definitions, proofs) and in the practical sense (applications/problem solving). Prof. Christensen is clearly very knowledgeable on the subject and also has a passion for it himself, which helps to make the course engaging/increase appreciation for the subject.

Intellectual Growth: Like all math courses, linear algebra is a model for thinking about a number of different systems. Learning to think in new ways like that is a beneficial skill to practice.

Quality: The quality of the teaching in this course was very high in my opinion. Like mentioned above, Professor Christensen clearly knows what he is talking about inside and out and is able to bring some personal enthusiasm to the subject as well. He checks in with the class often to make sure that the students are keeping up with the pace of new information. If he suffers from anything it is probably the same as many other professors in that he is so familiar with the material that sometimes it can be hard to really boil concepts down to a point that makes sense to people who are just learning them. But with the slides available online, his availability in office hours, and the problem sets, there are plenty of opportunities for students to bridge any gap in understanding.

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

Student:3

Reason(s): Major or minor requirement

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Additional Reason(s):

Effort: Office hour visits, hw completion, review of lecture notes. These were the primary ways I learned and displayed effort in this course.

Understanding & Appreciation: I learned a lot about applications of linear algebra and matrices. Made me think about how complex and interesting the subject is.

Intellectual Growth: I went to office hours frequently before exams. I became more clear and aware of material I learned in class. I tried my best on exams.

Quality: I thought prof. Christenson was clear and always available. It was difficult taking a class only comprised of exams. I wish prof. Christenson was more allowing of extra credit opportunities.

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: A	2: A	13: A
7: A	10: A	14: A	17: A	4: A	21: A
9: A	15: N	20: A	19: N	6: A	22: N
12: A				11: A	
18: A				16: A	

Student:4

Reason(s): Major or minor requirement
Interest in the course material

Additional Reason(s):

Effort: I put a lot of effort into this course as I routinely went to office hours for help and did all assignments.

Understanding & Appreciation: This course made me more interested in math and contributed to my desire to be a math major.

Intellectual Growth: Professor Christensen did a good job at showing us how linear algebra is used in every day life and went over some interesting applications.

Quality: Professor Christensen is extremely knowledgeable and a very caring professor. He does a good job leading lectures and is also very helpful during office hours. Always willing to answer questions and truly wants us to do well. He's a great professor and I really enjoyed the semester.

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

Student:5

Reason(s): Exploration of possible major or minor

Additional Reason(s):

Effort: Spend two hours per week doing the homework, and some extra time reviewing for exam if there is.

Understanding & Appreciation: This class introduces me many ideas and mechanisms of matrix operations. I was not good at matrix operation at all, but from this class I gained more understanding on the material.

Intellectual Growth: I learned about the mathematical modeling that can be applied to other course contents.

Quality: Professor Christiansen is an interesting guy. He handles every class well, but the courses were sometimes boring and too abstract to follow with. His exam was fair and his handout is helpful, but the class may not convey the ideas very well.

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

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Student:6

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: The weekly problem sets covering the material were packed with content, but I was given the choice how much I actually wanted to do. It felt like a healthy amount of effort to contribute that would help my understanding of the concepts.

Understanding & Appreciation: The professor used a variety of approaches to teach the course and its applications. It made the subject really interesting and I was excited to learn more.

Intellectual Growth: The emphasis on abstraction and theory was unlike what I'd dealt before. It helped me to broaden my mind on a subject and build connections to other areas within the field that aren't explicitly drawn.

Quality: The professor was clear, confident, and charismatic. I really enjoyed his teaching style and felt like I understood the material. A potential weakness was the pacing of the course. It felt like the course would drag on certain things that were repetitive, and it was a little boring and not as challenging as I'd expected.

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

Student:7

Reason(s): Major or minor requirement

Exploration of possible major or minor

Additional Reason(s):

Effort: This was the first non calculus math class I have taken at Colgate and thus didn't know what I was walking in to in terms of course material. It was a lot more theoretical and conceptual than I had imagined and was very difficult for me. I have had to put in a lot of effort but I also feel because of how layered the class is I pick and chose what to spend time on. I primarily make sure I know how to do all the math and calculations and concepts before making sure I understand the theory.

Understanding & Appreciation: I didn't know anything about this course before taking it. I do enjoy how I have seen connections between this class my previous math classes and computer science classes. It makes things feel a lot more real world.

Intellectual Growth: This class taught me that even within a subject matter that I like there are doing to be aspects that are difficult for me. I shouldn't be discouraged just because I do bad on one thing because I am still learning.

Quality: I personally don't work very well in lecture style class settings. I like the idea of doing 2 lecture days and 1 problem set day however I feel like I never fully grasp the concepts. If we stopped throughout the learning of concepts to do specific examples that might help with my understanding. Additionally it is really difficult that the only grading is based on tests. I feel like this doesn't show my full knowledge. On the one hand it's nice that there is less pressure on the homework's but also hard when you slip up on a test. Additionally there isn't a lot of material to use to prepare for the exams. There are a lot of questions at our disposal but no answer keys.

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

Student:8

Reason(s): Exploration of possible major or minor

Interest in the course material

Additional Reason(s):

Effort: I attended every class period, took notes, and paid attention the entire time. I completed most all homework assignments on time. I attended some office hours when I was confused. I studied between 6-8 hours for every test. I probably should have started the homework assignments earlier than I did most of the time.

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Understanding & Appreciation: I gained more knowledge of linear algebra. I was given challenging problems to further my understanding. The instructor made connections to how the material related to the real world to improve my appreciation of the course subject.

Intellectual Growth: This course forced me to really think about problems in a way I had never had to do before. Most of the time if I did not understand a question right away, I could look at my notes or the internet and understand. However, with this course it required that I spend a lot of time thinking about one problem and not give up.

Quality: Strengths: Professor Christensen made his office hours clear and frequent enough and cancelled rarely if ever. He was willing to spend time clarifying things when needed. He would give us feedback on our homework quickly and even if I turned the homework in late a few times he would still provide feedback.

Weaknesses: I did not feel the two lectures and then problem day schedule fit my learning best. I like to see examples and problems as I learn the material, it makes things easier for me to understand and so I struggled with this teaching style. I also wish he would have written notes on the chalkboard as we were taking them, the slideshow made things go too fast for me (I couldn't understand the brand new material right away and then move on) and supplementary chalkboard writing was not enough at certain points.

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

Student:9

Reason(s):

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

Student:10

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I put a lot of effort into understanding the material of the course.

Understanding & Appreciation: It in a way kind of just confused me and found it hard to grasp the non-theoretical aspects. Some more concrete examples of linear algebra and its applications would benefit me.

Intellectual Growth: It pushed me to try to understand more theory however I have found this course to in a way be too much theory.

Quality: Again, I think that a less theoretical explanation of the ideas of the course would better benefit students overall learning.

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

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Student:11

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a standard amount of effort into this course. I did all the homework as well as the extras each week which took a good bit of time but nothing extravagant. I studied for the exams a lot but not too much so I was overwhelmed. This class had a good balance of work.

Understanding & Appreciation: I never thought before that matrices were so complex and used so much in math and it was cool to see all the different things that they are capable of.

Intellectual Growth: This course greatly contributes to my understanding beyond the course subject. Professor Christensen always liked to point out how what we are doing is related to the real world like image compression or Markov chains and I thought it was really interesting to see.

Quality: The quality of teaching was extremely high. Professor Christensen did a great job and I loved the course. He was excited to teach every day and also I really enjoyed his humor because it just made the class a more fun and lively place to be. He was extremely helpful during office hours and his feedback on the homework/extras was always detailed and clear which I appreciated. The tests were written and graded very fairly and he made his grading expectations extremely clear. Even though on Mondays/Wednesdays I was a little confused about the material on Friday he did a great job clearing up the confusion and working on the problems together made it all come together nicely and Fridays were crucial to my understanding of the material. The only weakness I can think of is sometimes the slides were filled with a lot of proof that we never really talked about again or used which even though I know they are there to show us the proof sometimes got a bit overwhelming to read. Overall, I think Professor Christensen did a fantastic job teaching this course and I had a great time learning about linear algebra!

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

Student:12

Reason(s): Other requirement

Additional Reason(s):

Effort: I spent time reviewing the class material and preparing for the exams.

Understanding & Appreciation: This course helped me learn more about a topic I had previously covered in less detail and offered different ways of viewing mathematical concepts and applications.

Intellectual Growth: This course is very applicable to many other STEM fields, especially physics. It also has relevance in day to day life like the file compression our professor taught us about.

Quality: All of the grading criteria is very clear and classes are all strictly planned out. I also think Professor Christensen is good at explaining the material. However, I wish we had more time to do practice problems independently rather than as a class.

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

Student:13

Reason(s): Major or minor requirement

Interest in the course material

Additional Reason(s):

Effort: Studying for tests and taking rigorous notes in class

Understanding & Appreciation: I could not grasp my head around alot of key theoretical material so not a ton of understanding but I gained a lot of appreciation for mathematics and linear algebra when professor applied it to the real world and I thought that was very

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

interesting.

Intellectual Growth: I definitely learned that if I am going to continue with math then I need to study theory way moreQuality: I think the teaching style was proper but the use of graphs and helping visualize would be very helpful in the future just to define sub-spaces and spans in the beginning a lot better.

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

Student:14

Reason(s): Other requirement

Additional Reason(s): "Soft requirement" for chemistry major in anticipation for graduate schoolEffort: Moderately high; Attended class for three 50-minute periods weekly, weekly homework and studying for some hours, and about 12 hours of preparation prior to each exam.Understanding & Appreciation: I now understand the concept and math regarding matrices and how it can be applied. This course also reinforced my skills in solving equations for real and imaginary roots in general and logic to prove mathematical statements.Intellectual Growth: This course strengthened my overall mathematical reasoning skills and brought context to other areas like chemistry that borrow from linear algebra concepts.Quality: Professor Christensen taught the course reasonably well given the time constraint and quantity of material, though it was difficult to stay ahead. I admittedly don't have reasonable solutions to all of my criticisms.

The mathematical principles were presented very concisely, which obviated the need to read through a lengthy textbook and classes never felt redundant. However, unpacking those succinct notes became rather challenging when studying or doing homework.

Proofs presented in class were very convincing. However, I would have liked more instruction on independently reasoning through as I ended up memorizing definitions at length to prepare for proofs on exams.

I suppose more questions would not be reasonable for the time given in exams, but the fact that each question counted for so much on each exam and that exams were all of our grade with minimal curve made the course rather stressful. I suppose it would be redundant for those not really interested in the subject, but I wish there were more emphasis on and grading of practice and homework problems.

I appreciated the excellent explanations to questions that we asked in class, the humor during lectures, and practical application examples, such as image compression, so it didn't feel like learning math in a vacuum, which I tend to struggle with.

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

Student:15

Reason(s): Elective outside major or minor

Additional Reason(s):Effort: I put great effort into the class looking at the note after class to reinforce my knowledge of the topics we learned about in class. I frequently reviewed practice problems done in class as well as complete the homework problems and submitting them for feedback. Before each exam I would greatly review my notes and homework problems to gain an understanding of the material before the exam.Understanding & Appreciation: I learned a great deal of linear algebra that I feel will aid me in later mathematics and science classes.Intellectual Growth: I had to put a great deal of effort outside of the classroom into learning the topics discussed in class which greatly contributed to studying and problem solving skills.Quality: Professor Christensen was an incredibly knowledgeable professor. He handled questions in class very well and explained the material in class very concisely.

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

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

Student:16

Reason(s): Exploration of possible major or minor

Additional Reason(s): N/AEffort: I put in probably like 4 hours a week for this class. Material was difficult to comprehend.Understanding & Appreciation: It made me less interested in Linear Algebra because it is so hard to learn.Intellectual Growth: Made me realize that math can be way more abstract than i thought.Quality: The quality of teaching was unique to anything i've ever done. 2 days of theory with 1 day of computation. i personally didn't like it because i would get really confused on the theory days and had to wait for the computational day to understand it. i also feel like the notes were very abstract and profound and difficult to understand. Jens is a really nice and incredibly smart professor who cares about his students doing well. it's just really hard that the material is so difficult to understand.

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

Student:17

Reason(s): Other 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: A	3: SA	8: A	5: SA	2: A	13: NA
7: A	10: SA	14: A	17: SA	4: A	21: NA
9: A	15: SA	20: A	19: SA	6: A	22: N
12: SA				11: A	
18: SA				16: A	

Student:18

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I put great effort into this class. I went to office hours almost every week and I set aside time to do my weekly homework. I also worked with my peers on the homework assignments and we also studied together for tests.Understanding & Appreciation: I enjoyed this course a lot. I was hesitant at first, but as the semester progressed I gained more and more confidence in my ability to complete the course. I really enjoyed the teaching of this course and I feel like I understand Linear Algebra well. This course makes me excited for possible research opportunities and the application of linear algebra in the real world.Intellectual Growth: This course helped me understand how mathematics can be used in the real world. I really enjoyed this class.Quality: I think the teaching of the class was great. The slides have all the information one needs to study for exams. However, I do think it would've been helpful if the professor posted answers to the homework assignments. Nevertheless, I think the material was

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

taught well and I think the homeworks and exams were very fair.

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

Student:19

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I knew before I took this course that it would challenge me and it did. I am taking it alongside with calculus 3 to catch up in courses in order to pursue an applied math major. This class I spent hours and hours on studying and parts of that paid off, but it was still more challenging for me than I expected.

Understanding & Appreciation: It made me think about math in a theoretical way which I had not really thought about before so that was interesting. Additionally, it took math beyond a calculus level which I was initially scared of not being able to do, but it actually was really interesting.

Intellectual Growth: Definitely taught me that I have to study more than I had to for any of my other courses and study in a different way.

Quality: The quality of the teaching was good. A lot of the information was just kind of given to us without much explanation which was challenging because there was no textbook to go off of; just what he said. The in class work days on Fridays were the most helpful to me because it made the other days where I didn't understand much make more sense. The slides were a little confusing to understand in the way they were put together, but other than that I learned a lot in this course.

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

Student:20

Reason(s): Other requirement

Additional Reason(s):

Effort: Lot of time when there is something unclear, I always check on internet to make sure that I understand the concepts.

Understanding & Appreciation: This course contributes to my understanding of linearly algebra, it also helps me the application of linear algebra in other fields.

Intellectual Growth: Instructor often mentions and relates the application of linear algebra in real life which contributes to your intellectual growth.

Quality: The instructor is definitely very knowledgeable, however, the pace of the lecture might be a little bit too fast sometimes. It might be helpful not to only have the problem solving session on Friday and the other two day to be purely lecture based. If we can have more practice problems each class, it will be much easier to understand.

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: A	2: A	13: A
7: A	10: A	14: A	17: A	4: A	21: A
9: A	15: A	20: A	19: A	6: A	22: A
12: A				11: A	
18: A				16: A	

Student:21

Reason(s): Major or minor requirement

Instructor: Christensen, Jens G.

Course: Linear Algebra

21 surveys / 26 enrolled in MATH 214 B (MWF 1020)

Interest in the course material

Additional Reason(s):

Effort: I always completed the homework assignments but rarely completed the extra problems. I liked to save those as practice for the tests (but this method of studying would've been better if I had received the answers to the extra problems). For every test, however, I feel I put in maximum effort. I rewrote my notes and redid every in-class, homework, and extra problem (some more than once if I needed practice).

Understanding & Appreciation: This course helped me understand that linear algebra is everywhere. I also think I especially enjoyed it because the past few years my math classes have all been calculus based so it was a nice change from that. I was nervous to move away from calculus onto the future math major courses, but I thoroughly enjoyed this course and it made me excited for the future classes I have to take.

Intellectual Growth: This course forced me to understand a new type of teaching. The notes I received in this class were very different than all of my previous math classes. They were wordier, and often more complicated than the example problems. It made me think more deeply, but at some times I do think the slides could've been more simple because when we got to class on Fridays to do practice questions, they were always simpler than I thought.

Quality: Sometimes I felt as though the days of notes were super complicated. The slides were conveyed in a fancier way than they had to be. However, whenever questions were asked he was very available to answer them. I also think that completing questions on Fridays was super beneficial to my learning and prepared me most for the exams. Overall, I think the quality of teaching was very strong, especially in terms of doing example problems and being accessible to students.

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

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