Student Evaluation of Teaching

Instructor: Christensen, Jens G.

Course: Linear Algebra

Student:1

Reason(s): Major or minor requirement

Additional Reason(s):

#### Effort:

<u>Understanding & Appreciation</u>: This class has opened my eyes to theoretical and abstract mathematical concepts. The professor has inspired me to continue down a path of mathematics, no matter how hard it may be.

#### Intellectual Growth:

<u>Quality:</u> Professor Christensen is an outstanding professor for Linear Algebra. He is able to provide thorough explanations for any questions brought upon by students. The professor is honest and cuts to the chase about course material, whether it is through his intuitive derivations or example problems he covers in 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: 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:2

Reason(s): Major or minor requirement

Interest in the course material

#### Additional Reason(s):

<u>Effort:</u> While there wasn't a huge amount of homework, understanding the course material for exams took a significant amount of time. <u>Understanding & Appreciation:</u> Professor Christensen added in applications of linear algebra, such as image compression, chemistry, and the stock market, that made the course more interesting, as otherwise linear algebra seems extremely abstract.

<u>Intellectual Growth:</u> Many problems required significant problem solving skills as well as basic proofs that required logical thinking well beyond memorizing things like the algorithm to find an eigenvector.

<u>Quality:</u> Professor Christensen was extremely organized and helpful, and often explanations were not entirely clear to me in class, but I think that is inevitably part of a challenging subject like 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: SA	3: SA	8: A	5: SA	2: SA	13: N
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:3

Reason(s): Major or minor requirement

Additional Reason(s): Suggested for major, required for intended minor

Effort: Completed all homeworks and attended all but two lectures; studied an adequate amount for exams but definitely could have done more

<u>Understanding & Appreciation:</u> I feel like I better understand areas of this course that were also covered in calculus 3 (projections, vectors in general) which is good because I think the new perspective was beneficial in strengthening an area of knowledge I wasn't entirely confident in. The course also developed my understanding on the uses of matrices; I had learned about them prior but didn't really realize that they weren't pointless until working with them in this course.

<u>Intellectual Growth:</u> Helped me work on active recall of course material, which I feel is applicable to my other courses as well. Proof-type problems were also good for critical thinking and engaging multiple areas of knowledge from the course which I think was good for me to practice piecing different areas of knowledge together

<u>Quality:</u> Instructor was always prepared and on topic; PowerPoints and homework examples done in class gave a good, full understanding of course material. Examples were covered for every topic that we learned, so I never felt that something was skipped over. The only additional thing I would have appreciated was answer keys to the extra problems on homeworks in addition to help outside of office hours, because going over every problem in office hours wasn't realistic timewise for me when there wasn't specific

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

#### Student:4

Reason(s): Major or minor requirement

Exploration of possible major or minor

Elective within major or minor

Reputation of the instructor

Interest in the course material

Additional Reason(s):

Effort: I regularly do my work on time, complete homework and extra problems, participate in class and take thorough notes, and attend office hours when I have confusion about a topic.

<u>Understanding & Appreciation</u>: This course helped me to see some of the applications of math in a way that isn't typically talked about. I feel inspired to look further into the world and possibilities of stem.

<u>Intellectual Growth:</u> This course definitely challenged me to think outside of the box, particularly when doing proofs. It also encouraged be to be conscientious about building on previous knowledge.

<u>Quality:</u> I think that the quality of teaching was some of the best I have experienced at Colgate. I like how Prof. Christensen explains course material in a very digestible way, and doesn't overload students with work. I feel that I have learned everything I need to know without being overwhelmed.

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

#### Student:5

Reason(s): Major or minor requirement

Additional Reason(s):

<u>Effort:</u> The once a week homeworks took about an hour each and weren't too difficult. I would study for a few hours each day leading up to exams. All of this felt very reasonable for this course.

<u>Understanding & Appreciation</u>: There is not many ways to grow as a thinker from taking linear algebra, but I feel I have learned the material adequately and appreciate how much I learned.

Intellectual Growth: Not really at all, it's linear algebra.

<u>Quality:</u> Professor Christensen is extremely accommodating to students schedules which is always appreciated. He also knows the material extremely well and is very good at answering questions. However, I think his homework was done poorly. He has no answer key for homeworks or extra practice problems (in his office or posted to moodle), which makes it hard to know if I am actually solving the problems correctly. In the past, math professors gave us an answer key (not necessarily with the steps on how to get the final answer, sometimes just the final answer itself). This would be extremely helpful studying for the difficult linear algebra exams so I know if I am studying correctly. All in all, great guy and teacher just don't love how he handles homework.

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

#### Student:6

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I worked hard in this class. I showed up to every class, took diligent notes all while paying attention. I completed all extra practice problems to help prepare for exams.

<u>Understanding & Appreciation:</u> I have taken numerous math classes, however none of them were like linear algebra. Linear algebra took a progressive step after Calculus 3 and expanded my knowledge of what you can do with math. This class has given me another way to appreciate math.

<u>Intellectual Growth:</u> This class taught me how to critically think and apply things we were learning to different examples, as well as witness some of the real life applications of the things we were learning.

<u>Quality:</u> The teaching in the class was great. The teacher made class enjoyable no matter what we were talking about. His strength is he knows the material well and did a good job of explaining it to everyone. I would not say he had any real weaknesses.

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

#### Student:7

Reason(s): Major or minor requirement

#### Additional Reason(s):

<u>Effort:</u> I go to the office hour every week to ask questions I learned. I reviewed my courses after I finished the class. Internet is also a tool for me to deal with questions I don't understand.

<u>Understanding & Appreciation</u>: The course framework is clear, and the question sheet in the class gave me a clear view on what I need to do in each type of question. However, I am still a bit stuck with the concept questions.

<u>Intellectual Growth:</u> Thinking about math problems is in fact an effective way in intellectual growth. When I have done enough problems. I am able to generate a sense to answer the problem quicker than before. This sense can be used in other mathematical courses in the future.

<u>Quality:</u> I think there are a lot of abstract concept in this course that make me struggle a lot. Most time I need too much extra efforts after class than figuring it out right on class. This problem concerns me too much for 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: A	3: A	8: SA	5: SA	2: N	13: A
7: N	10: A	14: N	17: SA	4: A	21: N
9: A	15: SA	20: SA	19: A	6: A	22: A
12: SA				11: A	
18: A				16: N	

#### Student:8

Reason(s): Major or minor requirement

#### Additional Reason(s):

Effort: The homeworks assigned every week was challenging but doable, and Professor Jens had a reasonable amount of office hours for students to come in and ask questions before homework deadlines. I generally study quite a bit for the exams, and I think the

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effort does translate into how well you do on the exams. Professor Jens does not put crazy difficult questions on the exams, and the questions on the exam are generally covered in the notes and homeworks.

#### Understanding & Appreciation:

#### Intellectual Growth:

<u>Quality:</u> Professor Jens is a great professor. I really appreciate the slides and how he would write up another way of looking at the specific topic on the board. This sometimes gave me 2 explanations for a theorem or algorithm, and I think this helped me a lot in understanding the topic. I also really like the in-class exercises that we do together as a class because it puts what we learn into practice. In general, I think the extra exercises are great. However, due to other time commitments, I am unable to go to a lot of the office hours, and I don't really get to check my answers for the extra problems. Personally, I think if Professor Jens posted an answer key pdf for the extra problems showing how to go about solving the problem after the homeworks are due, it would be really helpful for studying for the exams.

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

#### Student:9

#### Reason(s): Interest in the course material

Additional Reason(s):

<u>Effort:</u> Most of the effort I put into this class went towards studying for the tests. Although we had weekly homework assignments, they were always only 3 questions and didn't take too much time. Overall, I put an average amount of effort into this course. Understanding & Appreciation: This class will be very useful as it will serve as the basis for the rest of my math career. As a result, I

was engaged in every class and my understanding and appreciation for the material we learned grew tremendously.

<u>Intellectual Growth:</u> This course challenged me to think deeply about the material we were learning. The homework's, while short in nature, really helped to nail down the basics and I found that they pushed me to think harder about the subject at hand. This is something I intend to do more in the future so I can have a greater understanding of everything that I learn.

<u>Quality:</u> I think Professor Christensen did an excellent job teaching this course. The material was presented in a clear and engaging manner, making it easy to learn. Further, he was always open to questions and made himself easily accessible outside of 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: SA	3: SA	8: A	5: SA	2: SA	13: N
7: SA	10: SA	14: A	17: SA	4: SA	21: N
9: SA	15: SA	20: A	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

#### Student:10

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: spend time rewriting notes, doing homework, search on the internet for further explanation of certain concepts

Understanding & Appreciation: give me a comprehensive understanding of linear algebra

Intellectual Growth: help me form a good learning habit and strengthen my logics

<u>Quality:</u> Jens put a lot of effort preparing the course. We can get detailed feedbacks for homework and exams. His office hour is so helpful and he has great patience.

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

#### Student:11

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I paid exceptionally close attention in class, more than I would in other classes. I also do the homework and look up things I struggle with.

<u>Understanding & Appreciation</u>: I've enjoyed this course more than I did my other classes this year, and I'm glad that I have a major which will have me taking more math classes in the future.

Intellectual Growth: It's interesting to see the application of matrices in the real world.

<u>Quality:</u> Jens built the course from the bottom so he could teach it in his way from start to end. This was quite beneficial, and the tests were very fair to what we learned.

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

#### Student:12

Reason(s): Major or minor requirement

Exploration of possible major or minor

Reputation of the instructor

<u>Additional Reason(s)</u>: Mainly for the purposes of a requirement, and I had heard from my peers that MATH 214 was somewhat a natural transition from Calculus.

<u>Effort:</u> We had weekly homework assignments that differed in difficulty level, and three midterm exams, the preparation of which occupied a lot of my time

<u>Understanding & Appreciation:</u> I had previously not understood any realistic applications of the course material, but I thought Markov chains were a very interesting application of matrices and kernels

<u>Intellectual Growth:</u> I would say it only furthered my interest in pursuing math as a major and future career path. The course material on its own did not provoke any thoughts pertaining to non-math fields.

<u>Quality:</u> I really liked Professor Christensen's way of approaching problems step-by-step, and he also created an easygoing environment in the classroom and managed to get a few laughs out of his students every class. One issue I had was that there were not enough review materials prior to taking exams, which I believe would have been valuable to our learning and preparation.

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

#### Student:13

Reason(s): Major or minor requirement

Additional Reason(s): I took this class as the next class in the math major sequence.

Effort: I put in a lot of effort into this course. I did each homework and extra problems, did extra outside textbook problems, and went

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through notes and in class problems each week and before every exam. I also went to office hours a fair amount which was helpful for when I did not understand the concepts.

<u>Understanding & Appreciation:</u> This course helped contribute to my understanding of math outside of calculus. Because it was the first class I took outside of calculus 1/2/3, I learned a lot about other parts of math that do not show up in calculus or other classes. For example, this class had a much heavier theory component than any of the calculus classes, which contributed to my understanding of what higher level math is like.

<u>Intellectual Growth:</u> This course helped me think critically about problem solving beyond just thinking about the steps required to get to a solution. Because there was more theory present, we were required to understand the reasoning behind the computations we were doing, which forced me to think deeper about simple calculations. I grew in my ability to critically think about problem solving in a new way.

<u>Quality:</u> I think Professor Christensen did a god job of teaching this course overall. I like that he had lecture notes and also did examples in class and wrote up important concepts on the board. I think his notes could sometimes be more clear and in depth on the proofs, because sometimes I felt that they skipped steps and I was not always able to connect the dots. One strength of the course was that the professor was very available outside of class during office hours and was always willing to help if you did not understand a particular thing that was covered in class or showed up on the homework.

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

#### Student:14

Reason(s): Exploration of possible major or minor

Reputation of the instructor

Interest in the course material

<u>Additional Reason(s)</u>: I took the course as I had shared some time with the professor before, and when looking at potential math courses to take for this semester, this class had the best combination of professor and usefulness of course.

Effort: I attended class (except for one day while I was sick), did the extra problems on each homework, was an active participant in class, and went to office hours when concepts eluded me.

<u>Understanding & Appreciation:</u> I learned about useful linear algebra is in many fields that are relevant to me which was interesting and useful to see (to let me understand how its done). I can see use cases for the subjects in this class after the course.

<u>Intellectual Growth:</u> I believe this course was good at analysis as understanding how many different interconnected properties work with each other was important for comprehension, so tools of analysis using properties and definitions and formulas to conclude new ideas was developed.

Quality: I believe the course was quite well taught and my favorite from the semester.

Strengths:

Professor Jens cares about his students and always does things to improve the quality of life to focus more on the concepts from the class that matter.

Homework tests comprehension, not just busywork, and extra problems are great tools for understanding further without making the questions stressful as required.

Tests were good at covering content from the class and didn't have extra surprises.

Professor Jens put effort into making real world connections to the content we learn in class, which makes learning new ideas more enjoyable as you can hear about where the use cases are.

This is more subjective, but I found professor Jens to be quite enjoyable to listen to as a speaker in class (personality and way of speaking), which makes it easier and more fun to pay attention.

Professor Jens was thorough with the notes sheets for classes, so classes weren't just writing down everything he wrote and said without comprehension, but more on understanding the words (ie: classes didn't feel just like copying down things as they were provided).

Time in class dedicated to example problems made it much easier to understand concepts as we actually would have a break from learning something to a bit of practice, which gives more time for ideas to stick within students head (basically just saying in class examples were very helpful).

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Professor Jens was always very clear on what key ideas are (ie: red boxes in the notes) or verbally making clear how ideas are important, which is very useful for making sure important ideas stick instead of secondary ones.

Weaknesses: When learning new concepts, it is not always consistently structured, which doesn't bother me, but I figured I may note (ie: Sometimes when learning concepts, we do a proof of sorts, then example, then formal definition, sometimes we do example, then proof for why it works, and so on, where we do these processes in a different order which may bother some people that isn't always the same order?).

Sometimes the class could maybe be harder, but one could argue there is no need to make a class harder as long as people are comprehending the subject.

All in all, I would say this teaching style is around a perfect fit for me, though obviously people will differ in how they enjoy certain teaching tactics and so on, but I thoroughly enjoy basically all of the employed ones.

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

#### Student:15

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I typically spent 2-3 nights studying for exams, and thoroughly reviewed the material before approaching homework assignments.

<u>Understanding & Appreciation:</u> This course introduced me to some real world applications of matrices in fields tangentially relates to math.

Intellectual Growth:

<u>Quality:</u> Jens' dry sense of humor made the class engaging, and he was often available during office hours and after class to address any confusion I had. I needed this sort of clarification pretty often, as his explanations for particular concepts were not always very intuitive.

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

#### Student:16

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a good deal of effort into the homework's and tests as well as in class.

<u>Understanding & Appreciation</u>: This course helped me to see how useful linear algebra is and how applicable it is in many different fields. This course has given me a better view on how math is used in the world and the usefulness of linear algebra.

Intellectual Growth: This course helped me to see applications of math in areas I hadn't seen them before.

<u>Quality:</u> I think a strength would definitely be the practice problems we do in class together and the extra problems. A weakness would probably be the use of slides, I feel like it's not very effective for when learning math. I know for me it helps for me to write everything down so I feel like having slides where it is already written down sometimes is not as effective for learning.

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

#### Student:17

Reason(s): Major or minor requirement

Interest in the course material

Additional Reason(s):

Effort: I showed up to class, participated, did the work.

<u>Understanding & Appreciation</u>: The class was very well-structured and I got to see quite a few great applications of linear algebra beyond the abstract.

Intellectual Growth: I learned to view math from a different angle than what I am used to. This class taught me new ways of problem solving that weren't applicable before, particularly with proofs.

<u>Quality:</u> Jens is fantastic. He clearly cares so much about students' understanding, and he does a great job of making the class environment feel comfortable. His emphasis on written examples is very beneficial for the class and gives us plenty of time to ask questions. The grading for proof questions is pretty extreme, but that's honestly to be expected, since improper proofs can have serious consequences in the real world. Jens was my favorite professor this semester, and I looked forward to every single class.

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

#### Student:18

Reason(s): Other requirement

Additional Reason(s):

<u>Effort:</u> I put a great deal of effort into this course. I attended all classes and spent a long time on the homeworks/studying for each exam.

<u>Understanding & Appreciation</u>: This course introduced me to new mathematical concepts and reinforced others that I had already learned.

Intellectual Growth: In order to succeed in this course, I had to spend a great deal of my time studying for it which challenged my time management skills. It also forced me to keep going even after receiving disappointing grades.

<u>Quality</u>: The quality of teaching in this course was fine. Overall the professor was engaging and explained concepts well, but I felt he graded unfairly based on size of mistake. If a question was set up and executed completely correctly but there was a small arithmetic error, he would take off several points, and I feel that this caused the grades I received to be a poor representation of my actual knowledge of the course. I did not feel comfortable reaching out to the professor about this based on how he spoke about grades in 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: N	8: SA	5: D	2: D	13: A
7: A	10: N	14: SA	17: SD	4: A	21: NA
9: A	15: A	20: SA	19: A	6: A	22: N
12: A				11: A	
18: A				16: A	

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

Fall 2023

Office of Institutional Planning and Research

#### Term Fall 2023

Course Title Linear Algebra Instructor CHRISTENSEN Jens G.

#### STUDENT EVALUATIONS OF TEACHING

Course/Section MATH 214 C

Enrollment	Surveys
24	18

### Response Analysis: Questions 1 - 22

1       The instructor explained the material clearly and understandably.			
2       matter.         3       The instructor was accessible.         4       My appreciation for this topic has increased as a result of this course.         5       The instructor's standards for grading were clear.         6       This course helped me to think independently about the subject matter.         7       The instructor used methods that were effective in conveying the use charter.         8       I was challenged by this course.         9       The instructor presented material in class in an interesting way.         10       The instructor showed respect and concern for students.         11       I have grown in conceptual understanding and/or critical thinking as a result of this course.         12       The instructor fostered an environment in which I was able to learn from my peers.         13       The instructor halp standards for achievement in this class.         14       The instructor was open to contributions from all class members.         15       The instructor halpid standards for achievement in this class.         16       I have gained a good understanding of this course material.         17       The instructor hadled questions well.         18       The instructor hadled questions well.         19       The instructor hadled questions well.         10       I have gained a good understanding of this course. </th <th>1</th> <th>The instructor explained the material clearly and understandably.</th> <th></th>	1	The instructor explained the material clearly and understandably.	
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	21	The instructor was effective in facilitating class discussions.	
0% 20% 40% 60% 80% 100%	22	I had a strong desire to take this course when I registered for it.	
			0% 20% 40% 60% 80% 100%

Strongly disagree

Missing

#### STUDENT EVALUATIONS OF TEACHING

Office of Institutional Planning and Research

Term Fall 2023 Instructor CHRISTENSEN Jens G. **Course/Section** MATH 214 C

Course Title	Enrollment	Surveys
Linear Algebra	24	18

### Response Analysis: Questions 1 - 22

		Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable	Missing
1	The instructor explained the material clearly and understandably.	0%	0%	0%	29%	46%	0%	25%
2	This course inspired and motivated my interest in the subject matter.	0%	4%	13%	21%	38%	0%	25%
3	The instructor was accessible.	0%	0%	4%	21%	50%	0%	25%
4	My appreciation for this topic has increased as a result of this course.	0%	0%	8%	25%	42%	0%	25%
5	The instructor's standards for grading were clear.	0%	4%	8%	8%	54%	0%	25%
6	This course helped me to think independently about the subject matter.	0%	0%	8%	25%	42%	0%	25%
7	The instructor used methods that were effective in conveying the course material.	0%	0%	4%	33%	38%	0%	25%
8	I was challenged by this course.	0%	8%	0%	29%	38%	0%	25%
9	The instructor presented material in class in an interesting way.	0%	0%	4%	42%	29%	0%	25%
10	The instructor showed respect and concern for students.	0%	0%	8%	25%	42%	0%	25%
11	I have grown in conceptual understanding and/or critical thinking as a result of this course.	0%	0%	0%	46%	25%	4%	25%
12	The instructor is well organized and prepared.	0%	0%	0%	21%	54%	0%	25%
13	The instructor fostered an environment in which I was able to learn from my peers.	0%	8%	29%	17%	17%	4%	25%
14	The instructor had high standards for achievement in this class.	0%	4%	8%	29%	33%	0%	25%
15	The instructor was open to contributions from all class members.	0%	0%	0%	17%	58%	0%	25%
16	I have gained a good understanding of this course material.	0%	0%	8%	33%	33%	0%	25%
17	The instructor designed and used fair grading procedures.	4%	0%	0%	25%	46%	0%	25%
18	The instructor handled questions well.	0%	0%	4%	21%	50%	0%	25%
19	The instructor returned assignments with enough time to benefit my learning.	0%	0%	0%	38%	38%	0%	25%
20	I have put a great deal of effort into my learning in this course.	0%	0%	0%	38%	38%	0%	25%
21	The instructor was effective in facilitating class discussions.	0%	4%	17%	8%	21%	25%	25%
22	I had a strong desire to take this course when I registered for it.	0%	0%	29%	17%	29%	0%	25%

Office of Institutional Planning and Research

#### STUDENT EVALUATIONS OF TEACHING

TermInstructorFall 2023CHRISTENSEN Jens G.

Course/Section MATH 214 C

Course TitleEnrollmentSurveysLinear Algebra2418

## Dimensions of Teaching



Strongly disagree	Neither agree nor disagree	Strongly agree	Missing
Disagree	Agree	Not applicable	

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable	Missing	Responses
Course Standards/Challenge	0%	4%	3%	32%	36%	0%	25%	72
Effectiveness at Conveying Course Material	0%	0%	3%	29%	43%	0%	25%	120
Grading/Evaluation	1%	1%	3%	24%	46%	0%	25%	72
Student Self-Rated Learning	0%	1%	8%	30%	36%	1%	25%	120
Teacher-Student Interaction and Rapport	0%	0%	4%	21%	50%	0%	25%	72
Initial Interest in the Course	0%	0%	29%	17%	29%	0%	25%	24