

Course: 15MATH2076 004 - LINEAR ALGEBRA

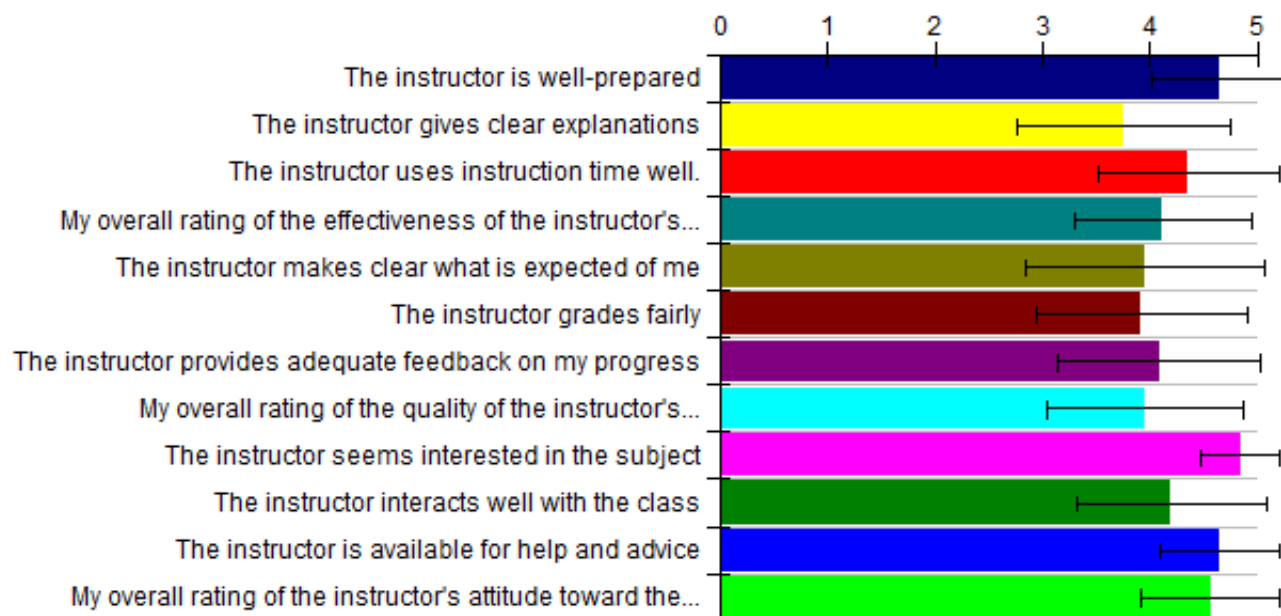
Department: 15MATH

Responsible  
Faculty: Andrew Lorent

Responses: 25

Faculty: Lorent, Andrew H

Category/Section: Mathematical Sciences/Classroom presentation and activities

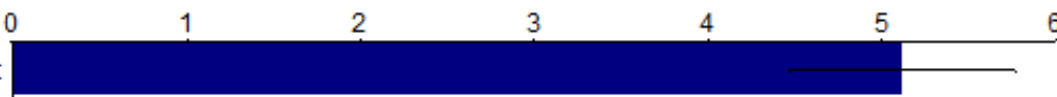


[E] 1=01 | [D] 2=02 | [C] 3=03 | [B] 4=04 | [A] 5=05

KEY	Questions	Statistics				Frequency					Response	
		Mean	Med.	Mode	S.D.	E	D	C	B	A	Rec.	Exp.
	The instructor is well-prepared	4.6	5	5	.62	-	-	2	5	18	25	39
	The instructor gives clear explanations	3.8	4	3	.99	-	2	10	5	8	25	39
	The instructor uses instruction time well.	4.4	5	5	.84	-	1	3	7	14	25	39
	My overall rating of the effectiveness of the instructor's classroom presentations and activities is:	4.1	4	4	.82	-	1	4	11	9	25	39
	The instructor makes clear what is expected of me	4	4	5	1.11	-	3	7	3	12	25	39
	The instructor grades fairly	3.9	4	5	.98	-	2	7	7	9	25	39
	The instructor provides adequate feedback on my progress	4.1	4	4	.93	1	-	4	11	9	25	39
	My overall rating of the quality of the instructor's evaluation of the students is:	4	4	4	.92	-	2	5	10	8	25	39
	The instructor seems interested in the subject	4.8	5	5	.37	-	-	-	4	21	25	39
	The instructor interacts well with the class	4.2	4	5	.89	-	1	5	7	12	25	39
	The instructor is available for help and advice	4.6	5	5	.56	-	-	1	7	17	25	39
	My overall rating of the instructor's attitude toward the class is:	4.6	5	5	.64	-	-	2	7	16	25	39

Category/Section: Mathematical Sciences/Comments

Expected Grade:



[F] W=01 | [E] F=02 | [D] D=03 | [C] C=04 | [B] B=05 | [A] A=06

KEY

## Questions

Expected Grade:

Statistics				Frequency						Response	
Mean	Med.	Mode	S.D.	F	E	D	C	B	A	Rec.	Exp.
5.1	5	5	.65	-	-	-	4	14	7	25	39

Faculty: Lorent, Andrew H

Question: What is your overall opinion of this instructor as a teacher? Explain.

Response Rate: 76.00% (19 of 25)

- 1 He is good however he says the quizzes and the tests will be similar to the homework when they are not.
- 2 explained material. but in many ways was not in a very interesting way that did not keep class attention. Partly due to the topic also.
- 3 Prof. Lorent is a very good instructor. He laid out the expectations for the course at the start and has adhered to them. He grades fairly. And he teaches well. I am more of a from-the-book learner, but I am still able to succeed in his class.
- 4 He loves teaching mathematics. He gets excited when the students understand what he is teaching.  
I really like Prof. Lorent. I believe that he has good intentions on teaching the class well and gives us his office hours and extra study sessions which are awesome. My one concern is that the subject matter that appears on exams are much harder than any example or problem we encountered in class. Either the homework problems need to be more
- 5 challenging, the testing less challenging, or the concepts that will appear on the exam need to be addressed in class. I understand that he is using our basic concepts learned in class and applying them, but I feel that he applies them to concepts that confuse students more than challenges them. However he does have the passion for the subject and genuine desire to teach his students these concepts, which I really appreciate.
- 6 Great. Approachable and helpful.  
Professor Lorent is committed to his students success. He is willing to spend extra time with his students to help them
- 7 understand and he welcomes questions that deepen understanding of the material. He does an excellent job teaching this class.
- 8 Professor Lorent really seems to really care. He offers problem sessions and clearly defined office hours, which is more than most professors. Explanations are clear in class.
- 9 Rushes a little bit, gives you some test anxiety, and not always clear what he wants us to know. Does well if you need help with office hours and study sessions.
- 10 He knows the subject well, but is hard to understand. Also, his second exam was much more difficult than expected based on the homework and the previous exam.  
He knows the material very well, but i have a hard time fully understanding his explanations. I don't know for sure whether it's because of the instructor or the course content, but i have always excelled in Math classes in the past. I'm
- 11 currently doing very well in ODE with Shuang Zhang. Regardless i feel like he really WANTED everyone to do well. He went out of his way to help us several times between friday problem sessions and e-mailing us his notes. I still don't like his methods of explanations and i feel like he trips over his own words fairly often, but he definitely cares about his job.  
I thought he was a pretty good professor. Class was hard to follow due to the extensive writing on the board which also
- 12 lead to loss of focus. Was available for students which I like. Felt rushed on quizzes on Friday due to the lack of time. Other than that, it was a well taught class.
- 13 Professor Lorent is a very committed instructor who gives up a lot of his extra time to help students. He challenges students to develop a deeper understanding of the material.  
He is a good teacher. He wants desperately for the students to fully understand the concepts behind the material and explains much to help us understand. The results of the first exam displayed this, a majority of the class getting A's and B's. The problem came when he decided we did too well on the first exam and began changing the difficulty of the course
- 14 material. The questions that were on the second exam were far more difficult, and not just because the material was more difficult, but he did not test us on the material that was covered by doing the homework problems. If we were quizzed and tested on material in correlation with the explanations and homework problems assigned, he would get much better ratings and feedback from his students.

He's enthusiastic, well prepared and knows the material well. He explains it effectively. However he struggles with

- 15 understanding that as engineering students, his class is not the only class we are responsible for. The time it takes on a weekly basis to be prepared for his weekly quizzes and lectures is unreasonable for engineering students. He also struggles with fitting all the material into lecture time. There is never any wiggle room, which has nothing to do with his pace and everything to do with the quantity of the material we are expected to know. The curriculum for this course needs to be revisited and adjusted accordingly.
- 16 I believe that Professor Lorent is an effective instructor, however I also believe that there are times that the grading in the class is unfair.
- 17 I feel that the teacher is very well prepared for each class and that he attempts to explain things to the best of his ability in such a complicated subject. My only qualm would be that there was not an adequate amount of time given on each quiz. Therefore, the quiz results weren't sufficient enough data to reflect each students knowledge base in the class. That data only serves to show how quickly each student could calculate and recall the information versus another student. Allowing the students to either turn in homework or use calculators on the quizzes would even out the results and help the professor better understand what each student knows on the given subjects.
- 18 I think this instructors teaching method is unique. It is not what most students are used to. He makes things way more difficult than they really are, which really discourages students.
- 19 This instructor is well prepared on the subject material but class time can be in ineffective with his notes. He wants students to be able to understand the concepts and theories behind the computation but this can turn out to be very confusing to grasp when time is devoted to just the theoretical explanations. He decides the difficulty of his exams based on how his students have done on the last test/quiz and can devote time to making the next one harder just because students performed well. This made his tests hard to prepare for at times because they could be very unlike the previous test/quiz in terms of his types of questions.

**Faculty: Lorent, Andrew H**

**Question: Comments and/or suggestions**

**Response Rate: 44.00% (11 of 25)**

- 1 Should give a better idea of what is expected from student of exams. The second exam was radically harder then the first and many were not prepared for it.
- 2 Somewhat addressed above.
- 3 Leverage the book as a visual aid when teaching material that is difficult to explain in words.
- 4 Great instructor- hard working, committed, intelligent, a talented teacher.
- 5 First test was really easy, and the second test was impossible. Can't seem to get full credit on the quizzes no matter how much I study.
- 6 I enjoyed this class. I think that maybe you could do more examples in class that are like the homework problems. I had a hard time sometimes doing the homework because i wasnt sure how to do the problem.
- 7 Notes very ineligible and notes hard to follow. Can loose track and not know whats going on very easily. Maybe having pre prepared notes, vocal, example problems of some sort would have helped.
- 8 I would suggest more examples of the actual problems we would see and then try to explain the concepts through these examples rather than spending SO MUCH TIME drilling down theories and theorems. I can remember important individual theorems (like the pathagorian theorem), but it doesn't help me much when I am thrown three more theorems per day. More examples of actual problems and the process to solve those problems. Thats my only real suggestion
- 9 After the class did well on his first exam, he told us he was going to make it harder on us to challenge us more. The problem is, most of us studied very hard to achieve the good grade on that exam. His lecturing and guidance, as well as the homework problems assigned, allowed us to fully grasp the material. When the next exam was written, the questions seemed unfair. There were some questions that were not even close to comparable to the difficulty of the homework questions that he assigned. Having done ALL of the assigned problems, it was frustrating that my (and many of my classmates') hard work to complete and understand the assigned problems did not pay off. I suggest that he does not deviate from the outlined material covered by the assigned problems found in the syllabus of the course. One or 2 questions that are tougher than the assigned problems is a fine way to separate the A's and B's, but changing the difficulty of the material because the class did too well is ridiculous.
- 10 The material in this class is highly repetitive and boring when you do the same thing over and over each week and call it something different.
- 11 Many times there was not enough time given to complete the quizzes. Even though I knew exactly how to solve most of the problems, sometimes they took longer than the 10 minutes allotted for quizzes to answer them. I think this should be changed next semester.

