

Personal Report for Ruether, Cameron Roy (MAT1341 X00 Introduction to Linear Algebra)

Project Title: University of Ottawa - Spring-Summer 2021 - Official Evaluation of Teaching and Courses

Course enrolment: **151** Responses Received: **57** Percentage of responses: **38%**

The personal report can only be viewed by the professor. It includes the following reports:

- P-report: Results of the 13 official questions.
- Student comments
- Customized Formative Evaluation Report: Results are shown only if the professor selected optional questions.

The minimum threshold of respondents for this report is one (1).

EVALUATION OF TEACHING BY MEANS OF STUDENT QUESTIONNAIRE



- NON APUO
- Official Evaluation
- 2021 Spring/Summer Term

uOttawa

Professor's name: Ruether, Cameron Roy

Academic Activity: MAT1341 X00 Introduction to Linear Algebra - LEC

Faculty/School/Department: Faculté des sciences/Fac.of Science / Mathématiques&stats/Maths & Stats

1) I find the professor well prepared for class



2) The professor's teaching is stimulating



3) The course is well organized



4) I think the professor conveys the subject matter effectively



5) The professor was available to address questions outside class hours



6) The professor's expectations of students for this course are clear



7) Assignments and/or exams closely reflect what was covered in the course



8) The professor's feedback on assignments and/or exams is



9) I find that the professor as a teacher is



10) I have learned a lot in this course



11) In comparison with my other courses, the workload for this course is



12) Overall, I find this course



13) I would recommend this course to another student



Comments			
Comments			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I think the course was very well conveyed by the professor and I think he did an excellent job with teaching the required material and slowing down/ setting aside extra time to tackle the more difficult topics. overall was great a experience.			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Thank you Prof. Ruether! I enjoy your course pretty well, even it's a new area of learning, lots of new concepts involving. but even that, you are managed to get every topic organized and well explained. I like your flow of teaching it's easy to absorb. Again thanks for the semester!			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: -loved that you provided the recordings, the pace of the class was too fast for me(maybe I'm just slow) but since the recordings were provided I could catch up and understand so I was able too do very well on the midterms -the past years midterms/finals help a lot and it's very helpful that you assign DGD questions from both those past tests and the textbook (you should keep doing that) -the TAs Mitra,Shayesteh are excellent -I appreciate that you stop when someone asks a question during the lecture and answer it or go back to something to clarify or			
give example -I feel people are very comfortable to ask you questions during the lecture and I've noticed you're super patient I hope don't lose that over time, it's very apprecited -it's great that the class textbook is free and provided as pdf -the weekly quiz is a very good idea, I rather have quizzess than assignments so I think you should never get rid of the quizzes -it's very helpful to see the quiz answers right after -the midterms were perfect, not too long or short -the marking scheme is sweet			
 I don't know if you can do anything about the pace of the class, there is a lot of material so I understand that you have to go fast and it's not a big deal because recordings are available and so are the TAs during DGDs overall I had an excellent experience given that my last university level math class was 7 years ago, I was quite nervous that it would be too difficult but it wasn't at all I'd suggest that if you won't re-teach it, if you could provide a pdf created by yourself or from another source explaining the concepts of how to add/substract/multiply/divide rational numbers, the unit circle ,trig identities and rules of exponents, and natual log 			
Have a great one month summer vacation haha!			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: The prof was excellent for the course. I don't really need linear algebra, but the prof made it interesting enough to learn. I'm not sure how possible this is, but I personally would have like to see real world applications for the stuff we learn, if there is any			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: What I liked about this course was that the professor was writing notes while teaching the lecture. The professor could scroll a bit slower so there is enough time to complete the notes and reread them.			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I like how well the classes were prepped and how good they were even when online. There wasn't any issues this was an ideal online class.			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Not sure if this was your first time teaching, but you've done an excellent job regardless. Linear algebra is an abstract subject that may arguably be harder to teach than other first year math courses. Your use of colours, neat writing, examples and organization of your notes, as well as your obvious desire to help students succeed really helped me learn. Good job :)			
MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I thought that Prof. Ruether was always very well-prepared for the class and lectures were extremely organized. The weekly quizzes helped to reinforce what was covered in the previous week which made staying on top of the material simple. Often material from previous lectures was recalled at the beginning of a lecture to help refresh our memory which made understanding the new content easier. Overall, I enjoyed the course and I don't have any criticism of the teaching. I would definitely take another course with the same professor in the future!			
MAT1341 X00 Introduction to Linear Algebra. Campron Boy Rupther: Professor Rupther is an excellent professor. He has clear			

1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Professor Ruether is an excellent professor. He has clear **MAI** command of the subject matter, engaging, and is able to effectively communicate the abstract concepts clearly. Professor Ruether truly cares about his students, and wants to put them in the best position possible to succeed. For example, he was available on weekends or late at night to address questions.

I would very much recommend having Professor Ruether teach MAT 1341 in the future.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I thought the course was excellent overall. I only found that sometimes, questions posed by students were already covered and were wasting time. Maybe some of the questions like that could be answered after class and not when all students are present.

Comments

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I'd like to start off by highlighting that I had a neutral stance on MAT 1341 at the beginning of the term. Over the course of the term, the professor has articulated complex topics clearly, provided good examples, and shows passion to assist students outside of class. I've enjoyed this class and taken a liking to the topics explored, thank you.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Thanks a lot, Prof!

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I found the professor to give very high quality lectures, and made himself very available as far as extra help or concerns by email. I found the exam not to be highly reflective of the methods used to solve problems in class, and feedbackl as lacking.

Overall I find this class to be high-quality

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Although this course has many abstract elements littered throughout, the professor made it a lot easier to comprehend and understand the material. I found that going over the lecture notes after the lectures helped my understanding of the material further. One thing I would like to see improved is the consistency of difficulty on quizzes. Sometimes they feel like a walk in the park and other times you rattle your brain for even the closest semblance of an answer. If there was a more even spread of say easy, medium, hard questions on quizzes I think I would like the consistency more.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: For the most part, the course is very straight forward. The professor really helped in solidifying the material. Overall, I really enjoyed having him lecturing about linear algebra. Just a minor thing, but as I recall, the Gram Schmidt Algorithm was never really covered in terms of intuition, so going forward, if there's extra time, it may be worth considering explaining why the algorithm works.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: This professor is absolutely amazing! He always answers questions in the chat and explains really well. I would love to have this prof for my other classes as well.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: 1. I liked the examples and the professor would take the time to explain the concepts until everyone understood.

2. The course could be improved by doing more examples instead of many proofs.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I really enjoyed taking linear Algenra with Professor Cameron Roy Ruether. Lectures are very clear and exam questions are fair.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I was very scared to take this course because of its reputation, and Prof. Ruether seriously saved the day. I cannot say enough good things about his teaching style, his clear passion for helping others learn, and his willingness to help us succeed in this difficult subject. Compared to other math professors, I felt that Prof Ruether actually cared about the students, and made examinations very fair with lots of oppounity for practice and extra help. Thank you so so much for a great summer semester, keep doing what you are doing.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: 1. Ruether was enthusiastic, and he explained the concepts so as to appeal to our intuition (i.e. the content was presented such that natural questions were answered when they arose). As opposed to just regurgitating the textbook content, he explained the practical motivations for the things we were learning. I don't think anybody ever felt belittled for asking a question. Going through the examples, DGDs, and other recommended problems was conducive to doing well on the evaluations.

2. I don't really have any useful feedback for this; I wouldn't change anything about the course

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: The course is well structured and the quizzes/tests have all been very fair. All the content on them has been very similar to what has been done in class. The only complaint I would have is regarding the amount of time on the midterms. At times it feels as if I am cutting it close, even though I felt like I was tackling each question at a reasonable pace.

Overall I find this course well managed and taught.

I also want to thank the professor and TAs for being considerate of their students' busy schedules during these times. It is clear that they both want the best for us and provides help when needed.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: The notes and classes were very clear and the tests were at a good degree of difficulty. Although the weekly quizzes allowed me to review more I think I'd be a bit difficult to manage if I were taking more classes. Overall the class is great and the instructions through out the course were very clear.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: The professor was excellent! I love the way he built up a concept for a couple of classes and then out of nowhere blew our mind with a connection that would tie all the concepts together. This really made me enjoy the class. He also made some jokes here and there to light up the mood. He was also really good at explaining why concept works as they do and their utility in the real world. Overall I would love to take other classes with this prof. He is in my top three favorite prof for sure.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I liked almost everything about the course.

For improvements, while tedious, I believe certain smaller quiz questions would benefit having their solution explanation included in

Comments

the "feedback" of the quiz.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Nice

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Really Good Professor!!!

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Prof. Ruether was a great professor overall. He explained concepts well and his lecture notes were always well–organized and easy to follow, both during and after classes. He made the textbook's explanations more clear and easier to understand, and his exams were very fair. The only complaint I have was that he sometimes writes and scrolls down a bit fast, but this is a super minor complaint. Plus, if someone asked him to scroll back up or pause for a minute he was always happy to do so, which was great.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: 1.Nothing. 2.Nothing.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: Professor Ruether is a very good professor. You can see he knows how to convey the course material. Any problem I have with the course comes from the fact that I don't like math, not from Professor Ruether. He did a very good job teaching the course and I would love to take another course, preferably not math, with him again soon. He's been very clear about expectations in the course and he's very fair in everything he decides. He's reasonable and that's good.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I really like the passion the professor brought to the course. I generally enjoy more applied math instead of theory, however the professor always made it engaging making it easier. I also really appreciated the question provided by the professor before the midterm they were a great study guide and motivator.

The only criticism I have is some times the lectures were a bit too fast making it hard to keep up while taking notes. However this only happened a couple of times so it doesn't affect the my experience with the course as a whole.

Thank you very much for the great semester professor! Hope you enjoy the end of summer.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: great professor, always provide help while student have problems.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: The prof is great and I really like him. But I wish we had more time or fewer questions during the exams.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I would just like to say that I think the TA in charge of the third DGD, Shayesteh Naeimabadi (I believe), did an excellent job. I wasn't even in her DGD, but every week after my own DGD I would watch her recordings. She clearly explained every step of her work, and she connected her solutions back to the theory we learned in class. I dedicate my mark in this course to her. Unless my mark is bad... But I appreciate her very much.

The professor did well too! He was very nice and explained the topics well and at a good pace. The notes were clear too.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I liked that examples were shown in class for clarity. The quizzes helped to keep up with the course. I believe that for some quizzes more time would have been helpful because its all multiple choice and marks can be lost easily. I felt sometimes that I had to rush when copying down the notes in class.

MAT1341 X00 Introduction to Linear Algebra - Cameron Roy Ruether: I greatly enjoy Prof Reuther's teaching presence. His jokes are funny and keep the mood light hearted. Linear algebra is a stale subject to learn in my opinion but Prof made it more enjoyable. I did not like that he wasted time by pandering to people who wanted him to "scroll up" so they could copy the notes. In my opinion, this wastes time and the students could simply watch the recording or access the notes after they are posted. Otherwise, A great prof for a great course!

EVALUATION OF TEACHING BY MEANS OF STUDENT QUESTIONNAIRE



- Customized Formative Evaluation
- 2021 Spring/Summer Term

uOttawa

Professor's name: Cameron Roy Ruether

Academic Activity: MAT1341 X00 Introduction to Linear Algebra

Course's Faculty/Department: Faculty of Science / Mathematics and Stats-SCIEN

It was possible to get a fair hearing for complaints about grades or other problems.



The professor made the course an enjoyable experience.



I was able to get individual help when I needed it.



The professor slowed down when discussing complex and difficult topics.



The professor clarified complex sections of the text.

Strongly agree (31) – Agree (25) –	44%	
Neither agree nor disagree $(0) - 0\%$		
[Total (57)]		
0	50%	100%
Statistics		Value
Number of responses		57
Average		4.51
Standard Deviation		0.60

The professor gave examples, illustrations, or applications to clarify abstract concepts.

