

# Personal Report for Ruether, Cameron Roy (MAT1330 B00 Calculus for the Life Sciences I)

Project Title: University of Ottawa - Fall 2022 - Official Evaluation of Teaching and Courses

Course enrolment: **185**Responses Received: **91**Percentage of responses: **49%** 

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).

## P Report

#### EVALUATION OF TEACHING BY MEANS OF STUDENT QUESTIONNAIRE



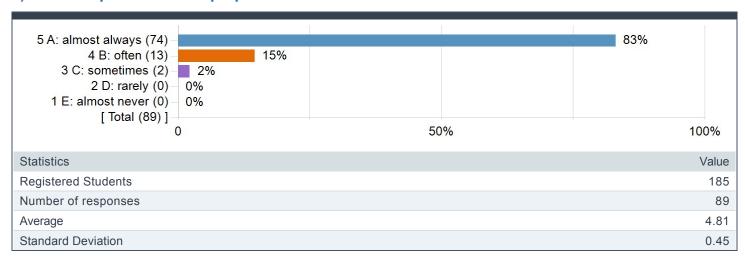
- NON APUO
- Official Evaluation
- 2022 Fall Term

Professor's name: Ruether, Cameron Roy

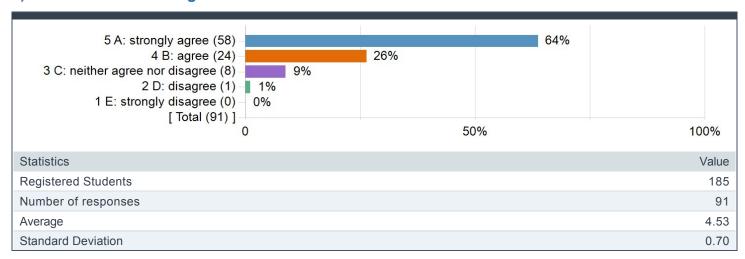
Academic Activity: MAT1330 B00 Calculus for the Life Sciences I - LEC

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

## 1) I find the professor well prepared for class.

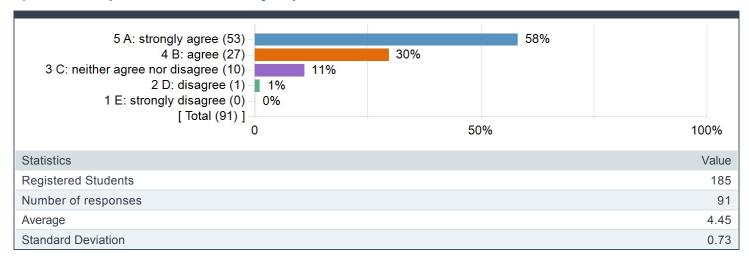


## 2) The course is well organized.

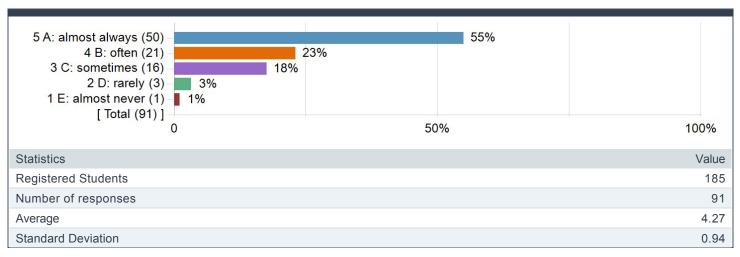


University of Ottawa 2/13

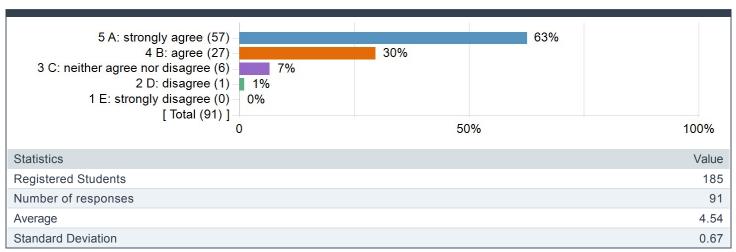
## 3) Course expectations are clearly explained.



## 4) I think the professor conveys the subject matter effectively.

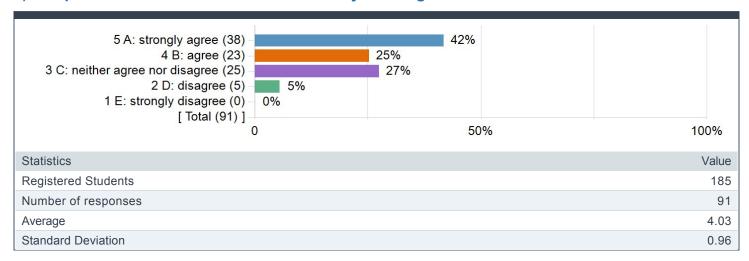


## 5) Instructions for completing activities and assignments are clear.

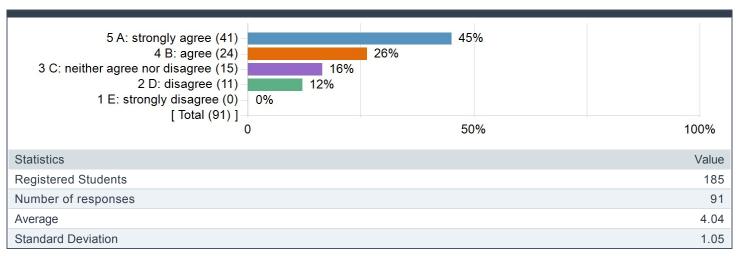


University of Ottawa 3/13

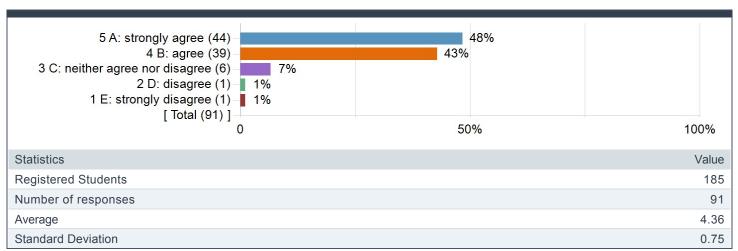
## 6) The professor's feedback contributes to my learning.



## 7) The teaching and learning methods used in the course facilitated my learning.

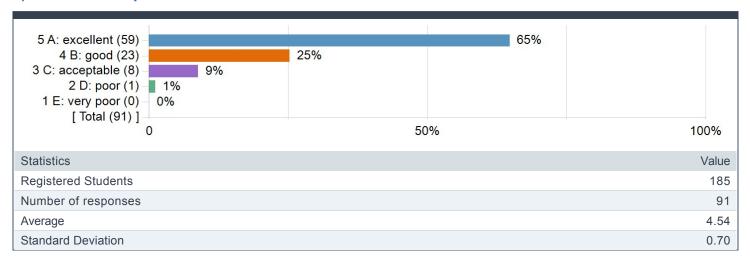


## 8) Assignments and/or exams closely reflect what is covered in class.

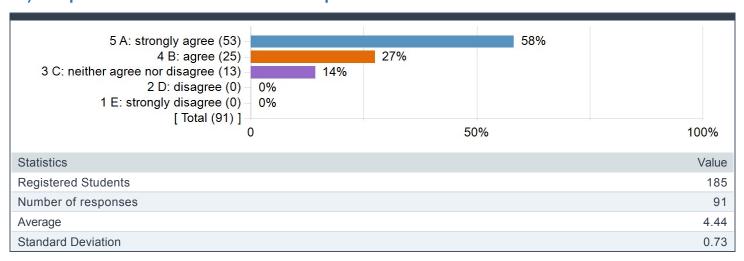


University of Ottawa 4/13

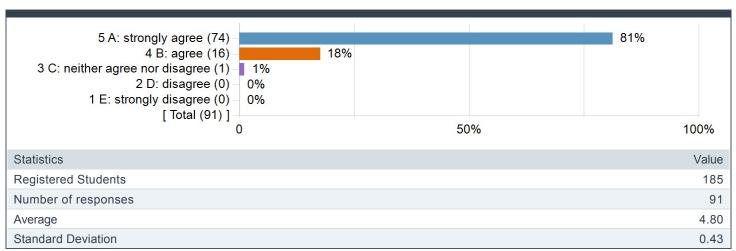
## 9) I find that the professor as a teacher is



## 10) The professor is available to address questions outside of class.

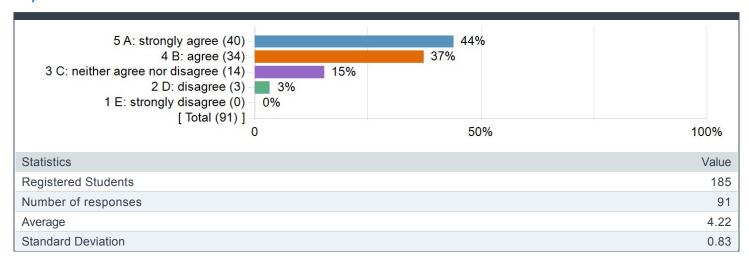


## 11) The professor shows respect towards the students.

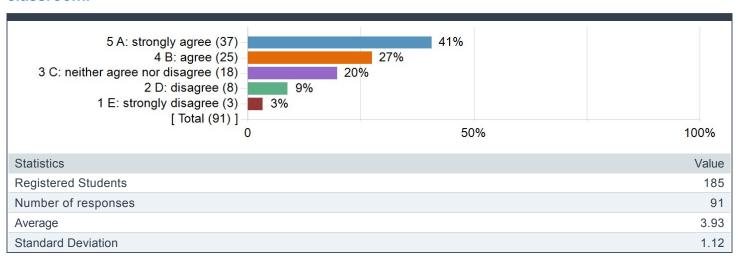


University of Ottawa 5/13

## 12) I have learned a lot in this course.



## 13) I believe that I can apply the knowledge and skills that I acquired in this course outside of the classroom.



University of Ottawa 6/13

#### Comments

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I like the structured nature of the course. I like how we continuously build off of what we learned from previous lectures. I think some topics should be taught a little slower.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I really liked the professor and his teaching style. His notes were very clear and in depth.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I liked the fact that Prof. Ruether demonstrated every concept in class as opposed to just having everything pre—recorded or pre—done. I also like how he would go into a further discussion if the students or myself had extra questions on particular concepts

2. Perhaps use a different classroom, when talking the entire time is is kinda difficult to understand at times with the classrooms constant noise and raining noise.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The course was good, sometimes fast paced. I went to several office hours and the prof was always understanding and always answered questions well and spent time going through examples

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: It helps me when my professors in other classes use the announcement feature on Brightspace. They keep me aware of assignments and help me organize my work schedule and keep track of what is supposed to be completed for the class.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Dr Ruether teaches his course well. My only issue is that he spends significantly more time on the history/derivation of a formula/method instead of examples. I don't know why he doesn't start his lectures with the formulas/methods we need to know and go from there, it would make everything much simpler to understand and much quicker. He said he's showing us the "scaffolding" behind the math, but why is that necessary? We are never going to see it again for the rest of our lives, so it is redundant. Other than that, Dr Ruether is great.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: good teaching, more in class examples would help.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Great, understanding prof.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I liked the prof and the way he taught. The use of going through examples and having definitions was beneficial to my learning.

2. I think having a practice midterm to practice for the midterm would be beneficial so we know a little more of what to expect.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I liked that Professor Ruether made their classes have a relaxed atmosphere, as well as the fact that all lessons finished in time with when the class ended. The professor was also quite funny and was very approachable which was appreciated.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I like his flip flops he's a very cool guy!

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I liked the note structure and the fact that they were posted before every class. The DGD sessions and questions were super helpful! When there was a snow storm on the day of the midterm he accommodated for it. Prof. Ruether is a great professor, his expectations for the course are clear from the start.

2. Wish we could've had a formula sheet.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: love the teacher not the course

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The professor for this course did a great job of providing many different examples of concepts learned in class to help us better understand and was always well prepared to answer any questions we had throughout the lectures, and if needed, he would answer any more specific questions following class to help clarify. There isn't much that can be done to improve this course or the teaching.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The course was well taught, but I think that the exam questions were harder than the DGD homework, so maybe add some harder DGD homework questions

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: the exams was fair. i think using a projector and a mic will make the teaching more organized and easier. The assignment are much harder than the dgd and the class examples. Over all one of the greatest prof on my first semester, thanks!

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The content covered in this course is hard to grasp, especially because of covid and the poor job in high school preparation. However Prof Ruether was very helpful, and a genuily good professor.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I liked how the sample exams highly reflect content/method of evaluation on the midterms. I also liked how Mr Reuther never made a student seem or feel lower than their peers after answering a question. This encourages further questions to be asked and respect and likingness to the professor. 2. Perhaps a method to make it easier for some people that have trouble seeing the board from the back could be to write using a device and share the screen on a projector. This isn't an issue I felt impacted my learning but for others it may be easier to see with a white background with black text.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I liked how calm and clear Dr. Ruether is. He seems to be a

University of Ottawa 7/13

very kind person. Anybody can tell that he enjoys what he is teaching and is really knowledgable on the subject. Unfortunately, I feel as though his teaching style wasn't adapted to me. He seems to only write down the notes from the lecture on the blackboard, without really explaining or giving concrete examples that would help with completing the DGD workbook or the Möbius exercices. I think it could help if he did interactive math problems with us in class instead of just writing down the ones in his notes.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The way the material was taught could be confusing as it seems overly complicated even though some material was covered in the prerequisite course (derivatives). It usually seemed like most of the lectures were needless until the last 20 minutes, when the material we are actually learning that day is introduced which made it tough to focus in class. On the other hand, the material was explained quite clearly which made the confusing material easy to understand. Not having many assignments for practice made it hard to anticipate the questions that will be on the midterms and easy to forget the material we learned since we have 8 or 9 lectures between each midterm, making it tough to do well in the course. Most of the feedback on the midterms did not aid in understanding what went wrong and how to do better next time.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I enjoyed the topics covered throughout this course. My professor taught the class casually and in a relaxed manner that made the students feel comfortable enough to ask questions and build on their understanding.

2. I found that he professor tends to overcomplicate certain topics. That and going into long, unnecessary depths to explain a concept. This sometimes causes some confusion. Perhaps, he could find a way to summarize the concept efficiently and get more examples done in class.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Professor Ruether is a very good professor. He communicates clearly and adapts to the needs of his students. I have enjoyed his class very much and always feel like he wants us to succeed.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I wish there were more assessments and tests, and assignments so that not as much weight went to the exams.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I like that Professor Ruether, makes calculus actually fun and engaging, by going through the math slow enough to fully understand what he has done in the problem. He also draws helpful diagrams or graphs to further assist our understanding in the topics.

2. The only thing I could think of by improving this course is to have more practice questions, although the DGD practice is already pretty well developed with questions of all sorts of concepts and topics.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I enjoyed that the prof was respectful and engaged students during the class. To improve the class, maybe spending more time on practical explanations vs. theoretical explanations of concepts would be helpful.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I really appreciated the fact that the professor wrote the lecture notes out by hand, made it easy to follow along.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: more online material for when cannot attend class

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. The content is straightforward enough that I am able to teach myself.

2. It would be nice to be given specific problems from the textbook to help with what we can use to study the course material. It would also be nice if we had more assignments for extra practice. midterms and exams from previous years would also be useful to help us focus on course expectations.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I enjoyed my time in your class and love your teaching style. You're consistently engaged and always willing to clarify concepts without being condescending. You're assessments are always fair, would love to have you again!!

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: This teaching method really works for me. Going through problems together describing each step along the way helps the concepts stick. Professor is very open and understanding to questions, can feel comfortable to ask a question at points of confusion.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Because the lesson was taught at a reasonable pace on the chalkboard, instead of a pre–made presentation, I easily understood the lessons.

The course could be improved by incorporating more exercises to further practice students' understanding of the lecture materials.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I don't think there would is something I would change about how the course/teaching is. I find the quality of the lectures to be great. I enjoy going to them because I like that it deviates from the move often used powerpoint and slides. I like how this course is taught in an old fashion kind of sense where the lecture is hand written. Overall, you're excellent. Thank you.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Although his lessons were very organized, efficient and relatively easy to understand, I feel that the exams and assignments did not reflect the same understanding. While the examples

University of Ottawa 8/13

used in class were fairly simple, the questions given on the assignments and exams were far more complicated.

I think it would have been helpful to gives us questions from the textbook or other resources in order for us to be able to bridge the gap and work our way up to the harder questions when learning new material.

Other than that, Professor Ruether is an excellent teacher and I would enjoy taking another one of his courses in the future.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I love this course because of the teacher. Professor Ruether is an amazing teacher who makes class enjoyable and easy to understand. I like that Professor Ruether takes his time and makes sure to show lots of examples.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I enjoyed the way Professor Ruether taught this class. Although my previous calculus courses were affected by COVID–19 disruptions, I never felt behind as a result. All of the basic concepts were reviewed sufficiently to have an understanding of both the basic and more complex concepts. The exams were very fair and the previous exams were very helpful to my studying and preparation. I would recommend, however, doing some examples during lectures that are more related to ones that would appear on an exam. The examples in class and those on the exam were very different. Professor Ruether was very polite and respectful and provided an environment very conducive to learning. I always felt comfortable asking him questions both in lectures and after class. I would take another class taught by Professor Ruether if given the opportunity.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I like that the course notes were posted in advance/afterwords. It allows the students to go over the material even if missing the lecture. The assignments were useful, however I don't think frequent enough. I think having practice questions (not mandatory) posted along with the lecture notes would be useful.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I liked how the professor taught the class with plenty examples and also showing the theory behind the topics developing better understanding of the material.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: he taught well however sometimes it felt like he was talking to the board and just doing math in front of us, it either made sense during the lesson and then you go home and notice that the examples are not related to the hw questions or you don't understand the learning during class and then have to go home and try to figure it out by yourself. I feel this because I feel he put alot of focus on theorems and how it came to be and left very little room for in depth examples

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. The teaching was very fun and interactive. Allowed for many questions and kept students engaged.

2. Maybe recorded lectures could help and access to more practice questions and exams.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I really enjoyed the way all the concepts were taught in this course. We started off with the theorems and incorporated examples which helped a lot. I also really liked that the lectures notes were posted before class which allowed me to know what concepts we were leaning about before class started. The DGD exercises were also really helpful as they were an excellent practice for the midterms/exams.

2. I think one thing that would've maybe helped me understand a little more would be maybe a different writing/presenting style. Professor Ruether used a chalkboard which actually worked pretty well, but at times I wasn't able to decipher what was written on the board. Maybe incorporating technology or something of the sort that would allow writing to be more clear would be beneficial.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: maybe give specific homework questions. like assigned homework, that would be helpful.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. Excellent professeur, il connait bien sa matière et l'enseigne très bien.

2. J'aurais aimé avoir des examens pratiques et je sais que c'est pas toujours possible, mais j'aime bien avoir une feuille de note dans les examens de math.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: You made math actually enjoyable coming from someone who has hated math for most of their life. you made all the concepts easy to understand and you provided lots of sources and practice material outside of class which really helped!

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: The professor gave such support for this course and provide a good concept in each lecture and helped students understand the notes more efficiently.

This course included a well-qualified performance with support from professor Cameron Roy Ruether.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I like how straightforward the teaching is. However, I find that the lessons are rushed sometimes.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Thank you, sir.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. The material was well explained

2. More assignments to help boost marks

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: As someone who did not take calculus in high school, I have found this class to be quite helpful and overall straightforward. The concepts are explained in depth and clearly, and I feel quite

University of Ottawa 9/13

satisfied with this being my introduction to calculus and not feeling too overwhelmed or confused at times. Mobius assignments were interesting and were not my favorite application to practice the material covered in class. Lectures are relatively easy to follow along and the pace is very manageable. One of my favorite classes this semester for sure!

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I enjoyed how engaging the class was

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. I like that Mr. Cameron teaches the course concepts very well, he always makes himself available to address the students' questions and concerns; whether inside/outside the classroom. 2. There's nothing that needs improvement.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: 1. The particular style of explaining was helpful for me personally.

2. If possible more opportunities to practice what we learned in class. Personally, the DGD was not very helpful; without that resource, it was hard to practice problems.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: I liked how understanding the professor was throughout the course, as well as his interactive character that helped make Calculus more fun! I would suggest dedicating specific lectures to working in groups and solving practice problems together to better learn the material.

MAT1330 B00 Calculus for the Life Sciences I - Cameron Roy Ruether: Prof. Ruether was a nice guy and seemed like he genuinely cared about our performance in his class. However, he spent a lot of time explaining the theory behind the math instead of giving even more application questions. Though it could be helpful, we aren't tested on the theory so it seemed to be a bit of a waste of time.

University of Ottawa 10/13

## **Customized Formative Evaluation Report**

#### EVALUATION OF TEACHING BY MEANS OF STUDENT QUESTIONNAIRE



- Customized Formative Evaluation
- 2022 Fall Term

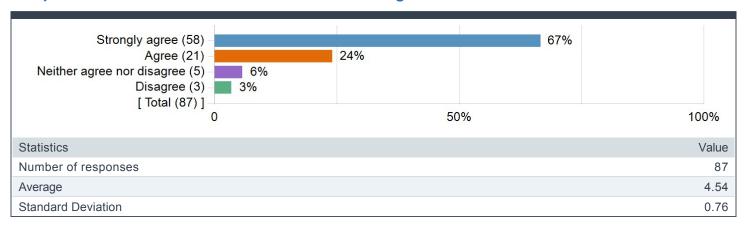
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Professor's name: Cameron Roy Ruether

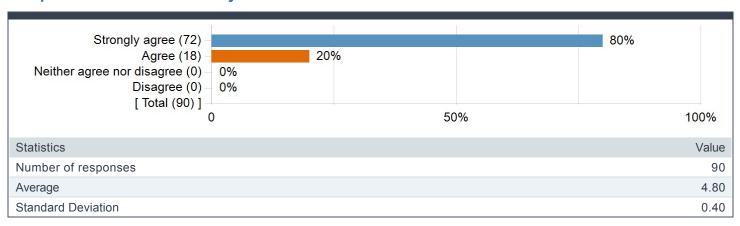
Academic Activity: MAT1330 B00 Calculus for the Life Sciences I

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

## The professor never made me feel that I was wasting his/her time.

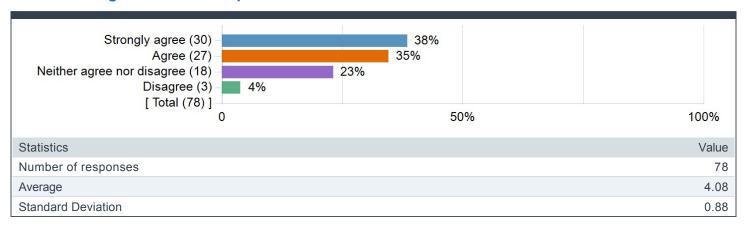


## The professor seemed friendly and relaxed in front of the class.

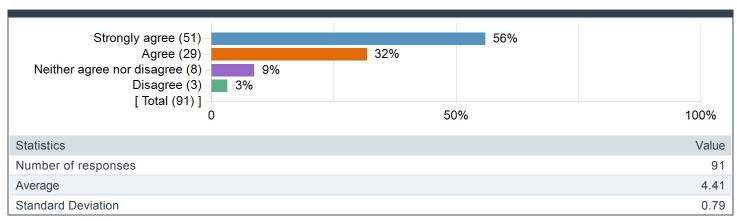


University of Ottawa 11/13

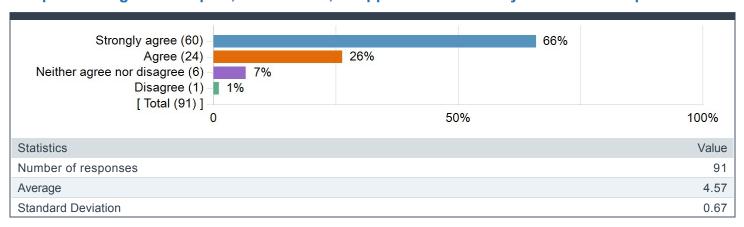
## I was able to get individual help when I needed it.



## Within the time limitations, the professor covered the course content in sufficient depth.

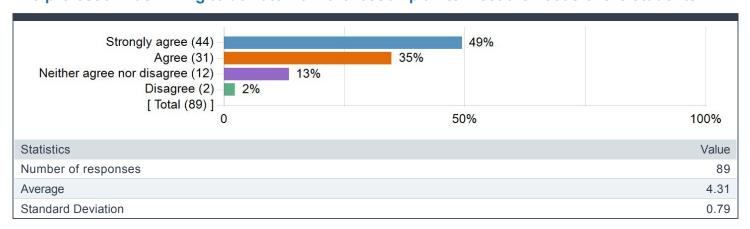


## The professor gave examples, illustrations, or applications to clarify abstract concepts.

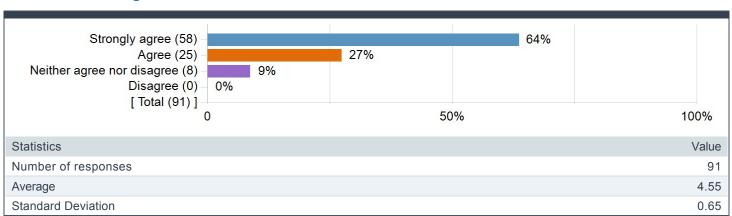


University of Ottawa 12/13

## The professor was willing to deviate from the lesson plan to meet the needs of the students.



## The professor used student questions as a way of discovering points of confusion or misunderstanding.



University of Ottawa 13/13