

**2018 | 2181 | A&S | Math Survey  
2181-1 (2018)**

**University of Cincinnati  
University of Cincinnati**

**Course:** 15MATH1062 014 - CALCULUS II

**Department:** 15MATH

**Responsible  
Faculty:** Andrew Lorent

**Responses / Expected:** 28 / 40 (70%)



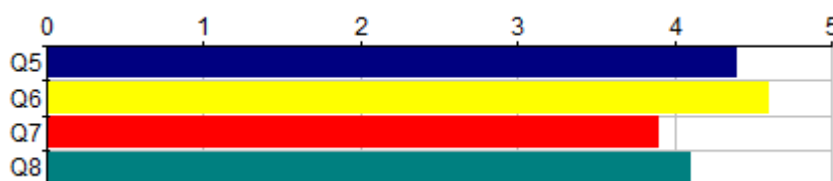
**Andrew Lorent**

**Mathematical Sciences**

**Classroom presentation and activities**

	Responses							Individual					
	1	2	3	4	5	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
<b>Q1</b> The instructor is well-prepared	0	2	0	5	21	28	4.6	4.8	5	5	2	5	.82
<b>Q2</b> The instructor gives clear explanations	2	5	1	14	6	28	3.6	3.9	4	4	1	5	1.21
<b>Q3</b> The instructor uses instruction time well.	1	0	3	5	19	28	4.5	4.8	5	5	1	5	.94
<b>Q4</b> My overall rating of the effectiveness of the instructor's classroom presentations and activities is:	2	2	10	2	12	28	3.7	3.5	3.5	5	1	5	1.28

**Responses:** [1] 1=1 [2] 2=2 [3] 3=3 [4] 4=4 [5] 5=5



**Andrew Lorent**

**Mathematical Sciences**

**Quality of evaluation of students**

	Responses							Individual					
	1	2	3	4	5	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
<b>Q5</b> The instructor makes clear what is expected of me	1	0	4	4	19	28	4.4	4.8	5	5	1	5	.98
<b>Q6</b> The instructor grades fairly	1	0	2	4	21	28	4.6	4.8	5	5	1	5	.90
<b>Q7</b> The instructor provides adequate feedback on my progress	1	4	4	7	12	28	3.9	4.2	4	5	1	5	1.21
<b>Q8</b> My overall rating of the quality of the instructor's evaluation of the students is:	2	1	2	8	13	26	4.1	4.5	4.5	5	1	5	1.19

**Responses:** [1] 1=1 [2] 2=2 [3] 3=3 [4] 4=4 [5] 5=5



## Andrew Lorent

## Mathematical Sciences

## Attitude of instructor

	Responses							Individual					
	1	2	3	4	5	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
<b>Q9</b> The instructor seems interested in the subject	1	0	0	2	25	28	4.8	4.9	5	5	1	5	.77
<b>Q10</b> The instructor interacts well with the class	1	2	2	7	16	28	4.3	4.6	5	5	1	5	1.09
<b>Q11</b> The instructor is available for help and advice	2	0	1	4	21	28	4.5	4.8	5	5	1	5	1.09
<b>Q12</b> My overall rating of the instructor's attitude toward the class is:	2	0	3	3	20	28	4.4	4.8	5	5	1	5	1.14

Responses: [1] 1=1 [2] 2=2 [3] 3=3 [4] 4=4 [5] 5=5

## Q13 - What is your overall opinion of this instructor as a teacher? Explain.

Faculty: Andrew Lorent

Response Rate: 92.86% (26 of 28)

1 he is a very intelligent man with a great understanding of calculus. He has a genuine interest in the class and he wants to help us learn. However, his lectures were extremely hard to follow and he went ridiculously fast. He was almost too smart, and expected us to instantly understand things he said. Also, his handwriting and board writing skills are pathetic and you can't follow something you can't read. He needs to teach higher level courses than calc 2 and needs to be much slower and concise. He also spends too much time on the theorem of things and needs to focus on helping the students understand how to do the problem rather than all the information behind the topic.

2 While Calculus 2 is a challenging class, Professor Lorent seems to know exactly how to explain things. He is an incredibly good teacher of the subject, and I thoroughly enjoy hearing what he has to say about the subject.

3 Well prepared for class

4 Very well prepared and willing to help his students.

5 Very intelligent, focused, and prepared. Has an extremely good grasp of concepts and meaning behind everything, and I would recommend him to others.

6 Very good professor. Knows the material very well and can explain well so the students understand it too. Was very encouraging as well.

7 Very good explanation wise but sometimes complicates things way more than they actually are.

8 The professor is very passionate about calculus but the explaining aspect isn't as good. Spends most of the time explaining the theory behind everything and says he does the very difficult problems in class so we are able to do the easy ones on our own but he loses students in these problems since they are so difficult and complex and it is the first time we are seeing a new concept. The pace of the class is very rapid as well.

9 Really enjoys math. Seems to enjoy teaching it to others. Can go a bit fast in examples but always goes back and explains when asked.

10 Professor Lorent loves math. I have had him for my first two semesters here at UC and he has done well teaching me. He seems

intimidating at first but he is approachable if needed. I would recommend him to other students.

11 One of the best teachers I've ever had. His passion for the class is well evident. The only thing I think he can do differently is make it so his variables are much more distinguishable as a lot of them look the same.

12 Lorent is very geared toward what he teaches and is passionate about it.

13 I think Professor Lorent is a good teacher that truly wants the students to understand calculus and enjoy higher level mathematics. But I don't agree exactly with his process of teaching. Professor Lorent, when introducing a new subject, he typically begins with a brief explanation and then one simple introductory problem. After this, he begins very complex problems that even he admits is harder than what we would typically be tested on or really need to know. His philosophy is that if we can do these problems then easier problems will not cause issues. Yet, many students are left behind without understanding the basic concepts and are then left clueless with all further problems. Lorent should try to adjust his lectures to focus slightly more on basic concepts before moving on to more difficult problems. In addition, assigning both the practice and homework web assign problems each week really leaves students with so many problems that many simply use online calculators to solve.

14 I think Professor Lorent is incredibly interested in Calculus and it shows in his lectures. I think that the theoretical lecture is perfect, but the class falls behind due to time constraints and then his lecture becomes too fast to follow as we catch up to the theoretical pace.

15 I enjoy Professor Lorent as a teacher. His teaching style fits in extremely well with my learning style. While from what I hear is not the case for everyone, his highly technical explanations of underlying concepts was beneficial. He challenged me like no teacher has ever before to think quicker and deeper into the math.

16 I believe he is very smart and works well with the more talented students, but is not know how to deal with the students who do not understand the topics.

17 He's pretty good. He explains stuff pretty well.

18 He's a very smart man, but his pace of teaching and lack of explanations can cause students to fall behind and have to teach themself.

19 He understands what he is doing, but has trouble conveying that to students. It seems that he has an entirely different learning style from me and everyone I've talked to which he tries to teach for, but because that learning style is so different, his notes get confusing. His notes were also rather disorganized which also made it hard to follow.

20 He knows everything. Period.

21 He is very knowledgeable on the topic and you can tell he is very driven by mathematics, however, he does not show a similar drive in teaching. He sometimes teaches topics too quickly and loses me and my peers in the class and seems more concerned by the fact that students don't get it as quickly as others than he is concerned that those students have not grasped the topics. I believe that while he is well versed in mathematics and calculus, but he is not as qualified as a professor.

22 He is okay, my only complaint is that he often times teaches concepts in a manner that is not easy to understand.

23 He is an okay teacher. I have not had any negative affects from his teachings but no positive ones either.

24 He is a great professor. I, personally, prefer a flipped classroom more. I believe I would have benefitted more from that. But he is a brilliant man and a great professor.

25 He goes way too fast for me to even write down and understand what is happening.

26 Andrew Lorent is very passionate about Calculus 2. However, he does not interact well with the class and he does not explain difficult concepts well. After talking with other professors and the MASS center, I have come to the conclusion that attending Professor Lorent's class is not only a waste of my time but ,from his enthusiasm towards his students, a waste of his time. I would not recommend his class to anyone.

#### Q14 - Comments and/or suggestions

Faculty: Andrew Lorent

Response Rate: 46.43% (13 of 28)

1 do examples together in worksheets rather than rush lecturing them.

Take the time to slow down and review things before charging headlong into the next topic. Don't assign more than 5-6 webassigns in a week because this is not the only class students have homework for and sometimes we have to resort to looking up the answers because time runs short. This is more aimed at the department, but I would like to see mock exams for the calculus courses similar to what the physics department is doing.

3 Sometimes class moves too quickly and examples done don't give students much time to think, but I think that is expected in a class like this.

4 Slow down

5 Pace yourself more

6 If he started having us solve more problems in class that would make a huuuuuuge difference... That's the one place I feel the class is lagging in

7 I think that spending the time to go over the proofs/derivations of formulas is immensely valuable, so I think slowing those down just a little would be very valuable, as they are a little too fast for me to follow.

8 He should teach some higher math courses. He would explain that material extremely well.

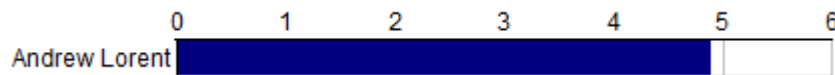
9 He needs to try to break things down in a simpler manner in order to more effectively reach the entire class.

He focuses primarily on the derivations and how formulas were found and why they work. Also, he solves almost all problems before we get a chance to solve them. That isn't a bad thing but I would love to have more opportunities to work in groups or even get a chance to work on the problem before he finishes them.

11 Handwriting is tough to read

12 Dont spend as much time on the proofs. Talk about it in laymens terms and try to slow down while teaching. Its about quality not quantity.

13 A little too fast paced for my liking



Andrew Lorent

#### Mathematical Sciences

#### Comments

#### Responses

#### Individual

	A	B	C	D	F	W	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
Q15 Expected Grade:	10	5	12	1	0	0	28	4.9	4.7	5	4	3	6	.95

Responses: [A] A=6 [B] B=5 [C] C=4 [D] D=3 [F] F=2 [W] W=1