## 2020 | 2201 | A&S | Math Survey
## 2201-1 (2020)

**University of Cincinnati**
**University of Cincinnati**

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

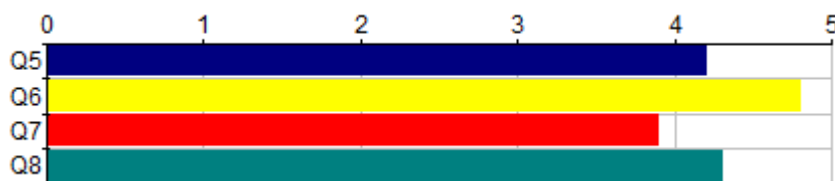**Responsible Faculty:** Andrew Lorent     **Responses / Expected:** 18 / 42 (42.86%)



**Andrew Lorent**

**Mathematical Sciences**
**Classroom presentation and activities**

| | | 1 | 2 | 3 | 4 | 5 | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q1 | The instructor is well-prepared | 0 | 0 | 1 | 4 | 13 | 18 | 4.7 | 4.8 | 5 | 5 | 3 | 5 | .58 |
| Q2 | The instructor gives clear explanations | 0 | 3 | 3 | 4 | 8 | 18 | 3.9 | 4.3 | 4 | 5 | 2 | 5 | 1.13 |
| Q3 | The instructor uses instruction time well. | 0 | 1 | 1 | 5 | 11 | 18 | 4.4 | 4.7 | 5 | 5 | 2 | 5 | .83 |
| Q4 | My overall rating of the effectiveness of the instructor's classroom presentations and activities is: | 0 | 2 | 3 | 5 | 7 | 17 | 4.0 | 4.2 | 4 | 5 | 2 | 5 | 1.03 |

**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**

| | | 1 | 2 | 3 | 4 | 5 | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q5 | The instructor makes clear what is expected of me | 0 | 1 | 2 | 7 | 8 | 18 | 4.2 | 4.4 | 4 | 5 | 2 | 5 | .85 |
| Q6 | The instructor grades fairly | 0 | 1 | 0 | 1 | 16 | 18 | 4.8 | 4.9 | 5 | 5 | 2 | 5 | .71 |
| Q7 | The instructor provides adequate feedback on my progress | 1 | 1 | 3 | 6 | 7 | 18 | 3.9 | 4.2 | 4 | 5 | 1 | 5 | 1.13 |
| Q8 | My overall rating of the quality of the instructor's evaluation of the students is: | 0 | 0 | 3 | 7 | 8 | 18 | 4.3 | 4.4 | 4 | 5 | 3 | 5 | .73 |

**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 |
| **Q9** | The instructor seems interested in the subject | 0 | 0 | 0 | 1 | 17 | **18** | **4.9** | **5.0** | 5 | 5 | 4 | 5 | .23 |
| **Q10** | The instructor interacts well with the class | 0 | 0 | 3 | 5 | 10 | **18** | **4.4** | **4.6** | 5 | 5 | 3 | 5 | .76 |
| **Q11** | The instructor is available for help and advice | 0 | 1 | 1 | 4 | 12 | **18** | **4.5** | **4.8** | 5 | 5 | 2 | 5 | .83 |
| **Q12** | My overall rating of the instructor's attitude toward the class is: | 0 | 0 | 2 | 1 | 15 | **18** | **4.7** | **4.9** | 5 | 5 | 3 | 5 | .65 |

**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:** **94.44**%    (**17** of **18**)

1    he is a great instructor and he really knows what he is talking about. unlike most professors, he encourages students to understand where formulas come from and for us to understand them, rather than just memorizing them.

2    The instructor is very knowledgable of the content he teachers; his devotion to what he does is admirable. His approach to teaching math is different than any other teacher I have had and I understand why he does it. I tried "re-tooling" myself to think about the subject in this way and it ultimately confused me.

3    Professor Lorent is one of the most involved professors I have had so far, always offering his time to help students with whatever questions they may have on a subject. It is very clear that he loves math and he inspires a higher form of mathematical learning.

4    Professor Lorent is a very good instructor. He goes over topics thoroughly and set up the course well. He is very organized. Tough grader, but this was a tough course.

5    One of the best instructors I have ever had. This because he truly explains the topic and made it easier to understand.

6    It is very clear that this instructor incredibly knowledgeable on the subject and cares about the success of his students. I do think he could do a slightly better job of accounting for different learning styles.

7    I think Dr. Lorent is a good teacher. He is clearly well versed in the subject and his goal is to make sure that we understand what he is teaching

8    I personally don't like how he teaches. It may just be that we think differently, but I do think that when he explains things, the stuff that seems natural and automatic for him he assumes is automatic for us, when it isn't. This leads to a lot of confusion.

9    I believe he is a great teacher. When in class, he takes time to answer everyone's questions and ensure everyone is understanding the material.

10    He's very passionate and always try to help student understand the matters.

11    He is very interested in math but when he explained the topics, the lectures are not related to the exams

**12**   He is very well prepared and clearly loves the subject. This allows me to focus more on the subject itself

**13**   He is an awesome instructor. He really works hard to make us understand the course material. His dedication towards calculus really motivates me to focus more, and work on this subject more and more. I know, I was not that strong in Calc 2, but he really motivated to complete the course with flying colors.

**14**   He is a great teacher and is very helpful.

**15**   Best math teacher I have ever had. He makes a difficult subject approachable, interesting, and easy to understand. I wish he could teach all of my math courses.

**16**   As a teacher, I think professor Lorrent is an extremely good one. His emphasis on showing examples and explaining how we can do or view them was extremely helpful.

**17**   Amazing teacher who makes sure to explain thouroughly and give a plethora of examples to help cement ideas, really stinks not having him in the rest of the semester.

## Q14 - Comments and/or suggestions

**Faculty:  Andrew Lorent**

**Response Rate:  77.78**%     (**14** of **18**)

**1**   i wish that during class time, we did more example questions

**2**   While the teacher was great, I continuously did poor on exams,it's not as if I didn't know the material but the exam environment with such small areas for points, Atleast to me, felt obnoxious how I'd lose so much just from a few mistakes.

**3**   The two main suggestions I have would be 1) Try to spend more time in class explaining the core material through more than pictures and the language of math as I think that will catch a few more students. Examples are good but it heavily favors students who learn by doing.

2)Make the practice assignments due before the homework if possible, so students get more chances to master the material.

**4**   Some times you move a little too quickly in class, and when you do the examples, there are times where you do not explain the steps you take when solving a problem, leaving me very confused as to how you did it.

**5**   Slow down a little. Talking can go fast and sometimes the metaphors don't make sense

**6**   Personally, his teaching method didn't suit me, and a lot of the material discussed in the class took time to sink in. The class moved quite fast from topic to topic, and thus I didn't really learn much in class. Rather a majority of my understanding came from homework, or practicing material after class, but right when I felt caught up new topics would be introduced.

**7**   Overall a great course

**8**   Nothing

**9**   Make some kind of anonymous online survey at the end of the week to truly assess what students are confused on. I think this will help get past in-class embarrassment on being confused

**10**   If the professor do not mind, he can really practice speaking English in his free time. Just make it more fine and polished. He is an amazing person. His speaking skill is awesome.

**11**   I would suggest that he tries to engage with the students that are struggling a little bit more.

**12**   I would have preferred to be able to ask questions real-time once the switch to remote took effect.

**13**   I could not get a reply from him over email the entire semester. I needed advice on how to handle the course and the new way he teaches this and never got a reply after sending a few emails. At this point, I am not sure if I will pass the course or not because I have not been able to reach him and there is no way to see our cumulative grade for the course.

**14**   Base the lectures on topics but also include some information about the exams. Also slow down on presenting the material



**Andrew Lorent**

**Mathematical Sciences**

| | | Responses | | | | | | | Individual | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Comments** | **A** | **B** | **C** | **D** | **F** | **W** | **N** | **Mean** | **Grp Med** | **Med.** | **Mode** | **Low** | **High** | **Std Dev** |
| **Q15** Expected Grade: | 4 | 2 | 8 | 2 | 0 | 2 | **18** | **4.1** | **4.1** | 4 | 4 | 1 | 6 | 1.45 |

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