M.J. ANDREWS
Evaluation of Instruction Program Report

161: MATH 131A LEC 3: ANALYSIS
No. of responses = 25
Enrollment = 38
Response Rate = 65.79%
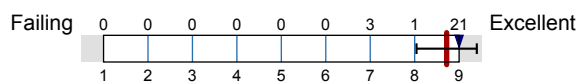

Survey Results

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1. UCLA Department of Mathematics:

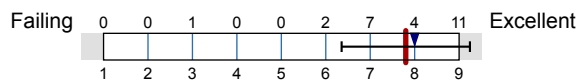**1.1)** How would you rate your instructor as an effective teacher?

Failing | 0 0 0 0 2 0 1 3 19 | Excellent
1 2 3 4 5 6 7 8 9

n=25
av.=8.48
md=9
dev.=1.16

1.2) How would you rate the availability and helpfulness of your instructor outside of the classroom?

Failing | 0 0 0 0 0 0 3 1 21 | Excellent
1 2 3 4 5 6 7 8 9

n=25
av.=8.72
md=9
dev.=0.68

1.3) What is your rating of this course independent of the effectiveness of the instructor?

Failing | 0 0 1 0 0 2 7 4 11 | Excellent
1 2 3 4 5 6 7 8 9

n=25
av.=7.8
md=8
dev.=1.44

Profile

Subunit: MATH

Name of the instructor: M.J. ANDREWS

Name of the course: 161: MATH 131A LEC 3: ANALYSIS
(Name of the survey)

Values used in the profile line: Mean

1. UCLA Department of Mathematics:

1.1) How would you rate your instructor as an effective teacher?

Failing — Excellent   n=25   av.=8.48

1.2) How would you rate the availability and helpfulness of your instructor outside of the classroom?

Failing — Excellent   n=25   av.=8.72

1.3) What is your rating of this course independent of the effectiveness of the instructor?

Failing — Excellent   n=25   av.=7.80

Comments Report

2. Comments:

2.1) Please use the space provided for any comments you wish to make which are pertinent to the educational process. These may include all aspects of the course: teaching, examinations, grading, textbook, etc.

- 10/10 would take Michael again. His passion for math is infectious and is definitely passed on to his students. He makes himself available and is willing to help out his students whenever possible (which is a lot) and he's also very patient. I feel like I'm leaving the class with a thorough understanding of the subject & will definitely recommend Michael to friends of mine in the future. We definitely need more math professors like him. :)

- Despite the overall difficulty of the course, Professor Andrews has made a 100% commitment to the teaching process. He hosts long office hours, where he is open and thorough with any math-related question. In my opinion, he truly cares for the students' understanding of Math 131A.

- Great professor. Very personable, fair, and demonstrates a clear desire to ensure we understand the material.

- Kinda passive aggressive in class. Liked the grading system.

- Michael is one of the most patient professors I have ever seen.

  I think his working hours are definitely more than the required time(if there exists required time) and he uses graphs, examples and other details to make sure you totally understand the definition and properties of concepts. The lectures which was written by himself is quite clear and if you have some questions about it, you can discuss with him. As for the teaching method, he always tends to guide you finding the answer by yourself instead of telling you the correct answer directly, and I think it is a very good way of learning. When you find the solution of one difficult question by yourself, you will keep it in mind longer. It is more important to know the process of solving question rather than just know the answer of it. The questions in quizzed is not that difficult but quite fundamental. If you want to get a high score in quiz, you should know the concept clearly and the differences between the similar definitions as well as master the important examples and the the ideas behind it. It is not that difficult but is not easy absolutely.

  He is really a nice and humorous person. After listening to some of his explanations to some concepts, it is clearer to me about some concepts appeared in the Calculate course. I think I costed him much time which he didn't need to spend to ask him questions after lectures, but he didn't seem impatient at all.

  If I can choose his other courses, I will definitely choose them. At last, as one of my classmate said, I believe Professor Andrews IS as well as WILL BE a VERY good professor:)

- Michael is really nice and patient! The course is hard but he made it a lot easier to understand. I really like him!

- Of all the professors that I've seen teach 131A, Michael is the best. The pacing of this class was natural. If he notices that One professor jumped right into sup and inf as well as why square root 2 is a real number in the first class. This was simply too fast, and it wasn't even summer session. Another professor took about three to four weeks to cover that same material. It is common to teach proofs as they are written the textbook which is not helpful to conceiving proofs yourself. In lecture Michael writes the proofs in an intuitive manner and is successful at getting students to participate in class so it's much easier to understand what he is saying.

Michael's lecture notes are so clear and concise they obviate the need for the textbook (which is confusing for an introduction to proofs/real analysis). He had a better grasp on how to explain the material because of this. He would constantly update the lecture notes based on students' questions/ confusions which was extremely accommodating. He also doesn't mind discussing different solutions to problems which I didn't see happen with the other professors. The lecture notes made proofs as clear as they could be. For example, in another professor's class we received the proof for Bolzano-Weierstrass' theorem. It was 3-4 pages long. In the lecture notes for this class, it is literally 3-4 lines long and much easier to understand because it made use of previous theorems.

He also makes himself very accessible with multiple office hours in a week and he's easy to approach about many topics. The best thing he did in this course was to adopt the style of his course at Oxford where he assigns homework but the quiz for it is the following week. It gives time to learn the material sufficiently. Most professors do not do this and it results in students copying solutions to turn in homework for a perfect score. The (ungraded) homework in this course with the hints that he gave for each problem supported the learning process much more easily than the regular standard of weekly graded homework.

This 131A was much better than many others at UCLA.

- Overall, although the class itself was very challenging not only because all the information had to be condensed into a six week class, but the material itself was also very dense. I felt that Michael did an excellent job by providing many office hours for students to ask questions, as well as being actively responsive via email. I know that this summer session has not been as smooth sailing for me as I wished (due to some unfortunate events), I wanted to take appreciative of the dedication and care that you provide to the students.

- Profesor Andrews is a great professor, he wants his students to strive in math. The concept is very, very, very difficult to understand, but he tries to break down the concept, sometimes it is confusing. He is better at explaining things than teaching heavy concepts. His OH is helpful to get additional help. He spends as much time preparing and writing notes/lesson plan/homework as the average student studying for the class.
30 min quiz is very time crunch, I feel it puts more pressure on students to put some answer down rather than digesting a question and think about the solution.
He tells jokes in class, sometimes it's too corny to to laugh along.

- Professor Andrews is an excellent professor who goes out of his way to make sure that students have everything in their disposal to understand the class content! Thank you!

- Professor Andrews is very helpful in class as well as in office hours. All the lecture notes are uploaded in advance so it is easy to read ahead. His lectures are clear and effective. Homework does not count towards the final grade, which is very helpful because much of the understanding of concepts happens when I try the homework. He is very helpful during office hours and often allows us to stay longer than the designated amount of time if we need more help. Overall, I liked how the course was structured and the professor was very helpful throughout.

- Really great professor, but just a very difficult course and hard to manage during summer session, especially because I was taking more than 1 course. I also really liked his grading scheme of 50% quizzes and 50% final. It helps keep students from falling too far behind on the material. Overall would highly recommend Professor Andrews, he has a great sense of humor too!

- The instructor is very entertaining and accessible, always solicits class participation, and holds an incredible amount of office hours, which also serve as a good place to work on the homework together with peers, fostering collaboration. The grading system is very fair and makes allowance for early mistakes; the quizzes have been a good difficulty level and directly tied to the homeworks. The homeworks include a good mix of easy questions directly from the lectures and more difficult, multi-part questions.

- The lecture notes are very well perpared, and the example you made is funny. but a little tip to imporve

overall experience is that decrease the moments you just write down the whole proof things without explain that step by step. This will lead to confusion like ...why you do such a thing? Is that related to the proof?...Maybe the fast pace is the reason. In short, you did really good job, Michael! Best Wishes~~

- Very good professor. Care about students a lot!

- teaching style is super, i love his explanations, and lecture notes.
  Quizzes are based on homework and lecture and fair.
  His grading scale is fair, and he gives a lot of comments to make sure the student really understand what was wrong and what to improve.
  Overall, I really enjoyed in this course and thank you Mr. Andrews, you are the best professor.
  by the way, a good looking professor usually attracts more students to enroll the class, Professor Andrews definitely has that advantage. (his class is going to be full all the time)

- the best math course i have take at ucla! Love Andrews~