

EVALUATION: TEMPLATE

Name:

Class Year:
Major:
Eval #:
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Thank you for taking the time to provide feedback about your experience in this course. Teaching is highly valued at Amherst, and your reflections are an important part of our efforts to assess and improve our teaching. Please be thoughtful, fair, and honest. Your instructor will be able to view your responses only after final grades have been submitted, and to them your identity will be anonymous. As part of the reappointment, tenure, and promotion process, your responses will also be read by the president, provost and dean of the faculty, and other senior faculty, and to them your identity will not be anonymous.

PLEASE NOTE: Use the TAB key or your mouse to move between questions; the Enter / Return key will submit the webform.

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- Prepare for class
- Attend class
- Participate in class
- Complete assignments
- Meet with professor outside of class

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

EVALUATION: #1 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>always</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>sometimes</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>rarely</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

[No Response]

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

[No Response]

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

[No Response]

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

[No Response]

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

I'm generally not great about going to office hours, but had I been so inclined, there was a ton of availability, and my friends who do go (ie: are better students than me) seem to enjoy it.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #2 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|---------------|
| • Prepare for class | <i>often</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>always</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>always</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Re-reading all my notes and re-writing all the definitions and theorems, as suggested by Professor Alvarado.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

The Professor constantly encouraged us to think of different ways to solve certain problems, come up with our own solutions, or left certain exercises for us to do at home, encouraging us to understand the material in a way that makes sense to us.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

Definitely improved on how I prepare for exams and homeworks, as well as more specifically my proof writing technique.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

All of the above were clearly thought out in a way to maximize our ability to absorb information and learn effectively. Pace was perfect, presentation was clear and concise. Expectations were explicitly outlined at the start of the semester. Homeworks were challenging but not impossible, and Professor Alvarado was open to extending deadlines or shortening assignments when he deemed it appropriate.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado was always engaged with ideas and questions, making sure his answers were satisfactory. Lessons were fun and his incredibly enthusiastic attitude makes it hard not to enjoy coming to class. His availability outside class was always super flexible and he constantly makes it clear both in and outside of class that he's interested in our well-being and invested in our success.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

I couldn't have asked for a better Professor to take this course with. Professor Alvarado has a unique teaching style that is highly effective and engaging. He care about us as students and human beings. He is a tremendous professor and Amherst is lucky to have him!

EVALUATION: #3 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>sometimes</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>sometimes</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>often</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

I went to office hours when I needed to and kept organized notes. The theorem/definition sheets were particularly helpful in this regard.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

It was really interesting to me to see the proofs behind everything we learned in calculus and why we could reasonably do all of the things we did.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I further developed my proof skills in this class and learned a variety of new terminology and ways of reading mathematical symbols that will likely be helpful in my future math classes.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The pace of the course was fast but manageable and necessary to cover all of the course material. The assignments and expectations were very clear except for when the professor would simply say "make sure you look this over to really get it down" or "the proof of this is Homework". These kinds of assignments felt very optional even though I'm sure they would have been helpful, and I never did them. I would rather have slightly longer problem sets with these proofs and these "suggested review" things on them.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

The instructor was very engaged with the class and readily received all student questions and ideas, they did well in cultivating an inclusive work environment, and were very accommodating with office hours outside of class, even keeping his office open far later than he said he would if people still had pressing questions.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #4 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>always</i> |
| • Attend class | <i>often</i> |
| • Participate in class | <i>often</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>sometimes</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Reading over my notes after lectures, and collaborating with peers to complete studying and problem sets.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

He had an infectious passion for the material, and he made it clear that he was going to challenge us during the semester while remaining adamant that he knew we were capable of excelling in the course.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I continued to develop my proof writing skills, and I feel confident after completing the course that I have really improved in my problem solving abilities.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

It was a little fast-paced, but I thought the organization of the course material was such that I could easily see how my skills were constantly building throughout the semester.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado approached each lecture and each new topic with an infectious enthusiasm that piqued my interest and pushed me to be the best student i could be.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #5 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|---------------|
| • Prepare for class | <i>always</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>always</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>always</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Professor Alvarado was a fantastic Professor and really helped me learn this material. This was definitely one of the hardest classes I've ever taken. But Professor Alvarado putting the class notes online and having lots of office hours really helped me in the course.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

This course really pushed me. My proof writing skills have improved drastically.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I learned how hard I could work in this course and developed a new sense of my work capacity and I think Professor Alvarado really helped me get there.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The pace was quick but I think he did a good job at getting us used to it.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

He was great in cultivating a positive energy in the class. Everyone supported each other and Professor Alvarado helped create this vibe.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #6 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|---------------|
| • Prepare for class | <i>often</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>often</i> |
| • Complete assignments | <i>often</i> |
| • Meet with professor outside of class | <i>often</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

I attended office hours regularly for help with homework and preparing for exams. I also worked with classmates to study and do group work.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

This class challenged my understanding of abstract math and definitely deepened my thinking about calculus. Professor Alvarado was incredibly supportive all semester and was always trying to push us to understand pretty complex topics.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I think one skill I further developed in this course was my critical thinking in the context of mathematics. I have also developed better proof writing skills and feel more confident when I am taken with proving theorems now.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

This class was definitely my most challenging math course that I have taken at Amherst so far. However, I really enjoyed the content as well as my classmates and Professor Alvarado's support throughout. The content moved quickly, but I enjoyed the overall structure of the class and I feel like I have learned so much this semester.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado is one of the best math professors I have had. He is incredibly positive and always rooting for his students to do well. I always felt supported and comfortable to ask questions in class and in office hours. Even though there was a lot of coursework I often found myself enjoying the work I was doing and looking forward to working with my classmates in office hours. Overall, I had a great experience in Analysis and really appreciate all of the work that Professor Alvarado did for our class this semester.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #7 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>sometimes</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>often</i> |
| • Complete assignments | <i>often</i> |
| • Meet with professor outside of class | <i>sometimes</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

The obvious answers here are attending lecture and solving homework problems. Besides that, the most helpful thing I did was read the textbook on my own. Every week or so, I would take between thirty minutes and a couple of hours to read the textbook. Sometimes that was to brush up on important theorems and definitions that we had already covered in class, sometimes to jump ahead in anticipation of later lectures, sometimes just to explore topics not included in the course. But taking responsibility for navigating Analysis-related topics on my own terms was a huge help. Another thing was talking to Professor Alvarado in person. The conversation often tended toward topics that we hadn't covered (and wouldn't cover) in class, but that was a good thing! As a student, it really helps me to think about deeper, harder questions/topics related to what I'm learning, even if I don't fully understand them and don't have the ability to solve them yet. It's motivational and exciting to see what's ahead, whether that's "just ahead" or "at the horizon".

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

Professor Alvarado really helped us see the beauty in the proofs and the connections between concepts! For one thing, I really appreciated his attention to detail in proofs. I also appreciated the times when he presented proofs somewhat differently than they appeared in the text or in the literature. (The purpose of the modifications when he made them, which I think was met, was just to present proofs in a more conceptually enlightening way.)

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I loved learning about how bizarre the topology of the real line is, and how something you think you've understood since grade school can have such unfathomable nuance. I found just about all of the results with Weirstrass's name attached to them, and their proofs, to be incredibly beautiful. I was startled to learn how much of Analysis can be reduced to or related back to sequences $f: \mathbb{N} \rightarrow \mathbb{R}$. I admired the ingenuity and elegance of the Darboux integral. Honestly I have got to say that although I wasn't expecting to dislike Analysis, I wasn't expecting to love it either; but around a month into the semester, when we shifted into a higher gear and began to dig deeper, I really began to love it. Now the thought of taking further Analysis courses, like Measure Theory and whatnot, is much more exciting and a little less daunting.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

Presentation: I really enjoyed the lectures! Professor Alvarado was engaging in his presentation, and thoroughly explained concepts. He very clearly knows the material inside and out, and puts great consideration into how best to exposit it.

The assignments were generally very clear, and for the most part, helped deepen understanding of the course material. (Personally, I preferred the homework questions of a more challenging, thought provoking, and non-standard nature; several of the assignments seemed to belabor elementary concepts or techniques, but I suppose this is the nature of the material.) Keeping up with theorem and definition sheets is something I'd usually do anyway, so having those required didn't hurt and kept my notes more updated than they otherwise might have been. And though I was initially skeptical of the "Web of Analysis" assignments, I do think they were helpful after all.

If I had to criticize something, it would be the pacing of the course, at least in the beginning of the semester. I felt that as Multi and Linear are both prerequisites, most students had probably already been exposed to much of the material/techniques of the first three or four weeks. So maybe that could have been condensed into just a week or two. I also think that if students were expected to read the textbook, some of the other material could have been paced a little quicker too. But maybe not, I don't know.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado was always welcoming toward questions, ideas, etc. He would thoughtfully and patiently explain concepts when I or others didn't understand, and because of that I really don't think anyone hesitated to speak up. The frequent reminders about office hours further cultivated a welcoming learning environment and provided a place for lengthier questions to be answered; lots of people regularly went to office hours. I tended to go a little less often, but would often follow Professor Alvarado back to his office after class, whether to ask follow-up questions from lecture, to express excitement about a theorem, etc.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

I am genuinely impressed at how much work Professor Alvarado puts into teaching, and very very grateful. It definitely makes a difference, and inspires a lot of respect.

EVALUATION: #8 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|---------------|
| • Prepare for class | <i>always</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>rarely</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>always</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

For me, what was most important in staying on top of concepts and assignments was attending TA hours and Professor Alvarado's office hours. It was also helpful to discuss questions with classmates and review class notes often. Professor Alvarado's theorem definition sheet assignments, which were due weekly, were quite helpful in that.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

Professor Alvarado is so clearly passionate about what he teaches, and that energy translates to his students. As a person who normally has trouble with attendance, it came as a surprise to me that not only did I not miss a single class, but I was also excited to go to lecture. Additionally, Professor Alvarado places heavy emphasis on getting help when we need it, whether it be promoting his own (very many) office hours, the TA's office hours, or the Q Fellow's hours. All of these hours allowed me to stay up with the fast-paced course, which in turn kept me interested in the course. Honestly, because of the Professor Alvarado's pedagogy, I would say that MATH-355 is my favorite class that I've taken so far, and the one I've worked hardest in. I also thought that the material was very interesting.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

The most significant skill I gained isn't extremely math related: I think that in this class, I've learned how important it is to review class notes and just generally stay on track with what's being taught in class. Even as someone who tends to procrastinate, I'm realizing now that this class has me starting assignments the day they're assigned, something that I now take great pride in.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

I think all of the above categories were done very well; although the course was fast-paced, Professor Alvarado kept us engaged with upbeat personality / lecturing style and made sure we understood everything by asking if there were any questions frequently, answering all questions in depth. I think Professor Alvarado's mastery of all of the above transferred his enthusiasm of the subject matter to his students. He is also very clear on his expectations for us, whether it be for homework assignments or exams. As mentioned before, the readily-available help was quite helpful when it came to completing (and actually understanding) homework assignments as well. In this class, I felt very encouraged to really understand the material beyond just completing the homework assignments.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado is great at engaging with students. During lecture, he makes sure we're all up to speed on a current topic before moving to the next, being sure to ask if there are any questions. I struggle with asking questions in class, and since Professor Alvarado knows this, he makes sure to ask me outside of class (after class, during office hours) if I have any questions. Also, Prof Alvarado so generously budgets time to meet with his students. He holds office hours frequently, and has often allowed us to stay over the allotted time in order to finish a problem or fully explain a concept. He also makes sure that everyone has an opportunity to ask questions. Course work feedback is also informative and return times are quick.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

Prof Alvarado is one of the best professors I've had. He's an enthusiastic professor whose lectures are engaging and easy to follow, as transitions from topic to topic are extremely smooth and everything is clearly explained. His dedication to his students and their success (in the class and just as people) is also very noticeable. I'm sure I speak for many more people than just myself in saying that Professor Alvarado is a great person and professor.

EVALUATION: #9 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>sometimes</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>always</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>always</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

I attended almost every single office hours that Professor Alvarado held (he held 4 per week). This gave me plenty of help and opportunities to work with others in the class on the problem sets and on practice problems for the exams.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

This course made me think about math in a way I never have before. Since a lot of the material is very abstract, I had to think about the material in a way that incorporated all possibilities in my proofs.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

My proof writing has improved greatly. I did not realize that I was not as good at writing proofs as I thought I was until taking this class.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The expectations and assignments were both realistic and manageable, but definitely not easy. Professor Alvarado picked problems for problem sets and examples in class that we almost always needed to come back to later in the course, so the problems he picked were very deliberate and intentional. He made sure to stop for questions many times throughout class and make sure everyone was on the same page and understood the discussion before moving on.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado is extremely engaged outside of class. He holds lots of office hours, and since it usually the same group of students that attends (myself included), I feel as though I have developed a great relationship with him. He is supportive, asks us how we are feeling/managing the class, and cares about our extra-curricular activities and our lives outside the class as well. His class and office hours are super inclusive learning environments, and I've never felt scared to offer an idea and be wrong.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

Professor Alvarado is probably the best professor I have ever had. Not only is he super nice but he is so good at teaching material, making it interesting, and making sure we have a good grasp on it, and has helped me develop my proof writing immensely.

EVALUATION: #10 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>sometimes</i> |
| • Attend class | <i>often</i> |
| • Participate in class | <i>sometimes</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>sometimes</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Going through the materials after the class helped a lot

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

Professor Alvarado was very thorough with his explanation in class, and his problems were sufficiently challenging but not too overwhelming, which allows us to think deeply and critically about the material without feeling over our head.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

My ability to reason analytically and concisely

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The pace of the class was overall suitable. I don't particularly like the last part of the class because it feels like we rush over certain materials, but I understand why he had to do so because of the snow day and so on. The online notebook is amazing, and it really allows students to pay attention more in class because we can always take the materials down later.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado is super friendly and approachable and he will answer your questions to the best that he can. His office hours, while I didn't have the opportunities to go to often, is great for you to understand the materials, but sometimes it becomes overcrowded but understandable since this is a difficult math class. Overall, I think he is an amazing professor!

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

Nil

EVALUATION: #11 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|---------------|
| • Prepare for class | <i>always</i> |
| • Attend class | <i>often</i> |
| • Participate in class | <i>rarely</i> |
| • Complete assignments | <i>always</i> |
| • Meet with professor outside of class | <i>rarely</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

I probably could have done a lot more to be honest.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

He provided great visual examples and relevant applications.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

Additional practice with proofs is always helpful, but the theorem/definition sheets he made us submit each week were even more helpful as a skill, as they kept me accountable and made studying way easier.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

He was one of the best teachers I've ever had in terms of quality of explanation and resources provided.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

He was very available, gave clear feedback, and made sure to answer every question posed by students.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

My only qualm was that we went past 1:50 a lot of days, so I was often late to my next class.

EVALUATION: #12 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>sometimes</i> |
| • Attend class | <i>always</i> |
| • Participate in class | <i>rarely</i> |
| • Complete assignments | <i>often</i> |
| • Meet with professor outside of class | <i>rarely</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Professor Alvarado brings an infectious passion to all of his lectures. It makes the subject more enjoyable and easier to learn.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

Professor Alvarado is always challenging his students to think critically about math, and apply topics covered to greater themes in the mathematics major.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

I have definitely improved my proof writing skills.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The course did pick up pace after fall break, but it was to be expected because Professor Alvarado did inform the class this was the case. This made class more difficult but the openness to asking questions in class helped keep a balance pace.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado is one of the nicest professors in the math department. Easy to engage with and always positive.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

[No Response]

EVALUATION: #13 (of 13)

For the questions below, please evaluation your own commitment to and effort exerted in the course.

1. How often did you:

- | | |
|--|------------------|
| • Prepare for class | <i>often</i> |
| • Attend class | <i>often</i> |
| • Participate in class | <i>often</i> |
| • Complete assignments | <i>often</i> |
| • Meet with professor outside of class | <i>sometimes</i> |

2. Using specific examples, please briefly describe what you did that was particularly effective for improving your learning in this course:

Professor Alvarado came to class everyday with his coffee and a smile. Even after he injured his foot, Professor paraded around the room with an enthusiasm for the subject that was contagious. This aspect of his teaching style was particularly effective in keeping me focused from class to class, even if the material we were going over that day was flying over my head. In the case that I was difficulty comprehending the material, there was never a single instance that Professor Alvarado denied a question. Considering that my section was consistently behind the other, this is a testament to his willingness and dedication as a teacher and to ensure that all his students are given every opportunity they need to learn.

The following questions ask you to reflect upon the ways the course and instructor helped you to develop your thinking, skills, and abilities. Please provide specific details to support your reflections.

3. In what ways did this course and instructor stimulate or shape your intellectual interests, thinking, an/or imagination?

I really enjoyed the usage of Desmos, especially with complex topics like point-wise and uniform convergence of functions. Along with other visual representations of the material, concepts stuck in my mind in a permanent way because of the "click" I would get from his visual representations of material. Ultimately, I believe my ability to picture complex visuals in my head has skyrocketed, and this has helped me in learning finance as I get ready for a job after college and in other classes like Fractal Geometry.

4. Please describe the most significant skills and/or knowledge that you gained or further developed during this course:

Aside from developing visual representations of concepts in my head, my logical reasoning has improved dramatically. After taking time off from math classes for a year, my logical reasoning definitely dropped. Now I am able to take in several variables at once, eg theorems and definitions, and configure them to prove conclusions that are in no way immediately apparent.

The following questions ask you to reflect on how the course structure and your instructor's teaching affected your learning in the course. Please provide specific details to support your feedback.

5. Considering the overall design of the course, how did the pace, presentation of information, clarity of expectations, assignments, activities, and/or discussions in the course impact your learning?

The design of the course in terms of its progression was at a digestible pace. I had my doubts at first about the presentation of information, which was almost entirely through the projector screen. However, having access to the notes after lectures was enormous in my ability to comprehend the material. Without it, homework and studying would have been extremely difficult as well as taking class in notes because of how much material there was. Problem sets, though lengthy at times, managed to incorporate all topics we had learned that week and were helpful in learning how to put our knowledge to use. Overall, the design of the course was as good as it could have possibly been.

6. Please describe the nature of your interactions with the instructor in the course, including the instructor's engagement with student questions and ideas in class, their cultivation of an inclusive learning environment, their availability outside of class, and the feedback you received on your coursework.

Professor Alvarado, like I said previously, was always open to any suggestions about how the course could change to fit students needs and always engaged students questions. More than that, he routinely asked individuals if they had questions. He was very available outside of class, and though my schedule did not time up with his office hours well, TA's and the QCenter hours did, which was very helpful for me.

Please use this space to provide any additional comments you have about this course and/or instructor.

7. Additional comments:

I have been trying to think of a suggestion to improve the course, but honestly it was so well taught. Maybe a weekly quiz on definitions, but the theorem/definition sheets took care of that. Though it wouldn't improve my understanding of the course, a class session or half-class session on using LaTeX could have been useful for writing up the homework and theorem/definition sheets.